

DYNACON INC

PRODUCT CATALOG & PRICE LIST

AUGUST 18, 2008

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ELECTRIC CONTROLS SECTION

PNEUMATIC CONTROLS SECTION

ELECTRIC / PNEUMATIC VALVES SECTION

Supersedes all previous issues of Dynacon Product Catalog and Price Schedules A-100 and A-100-S



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Complete Catalog Data
Technical Documentation
Product Pricing
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Credit Application
On-Line Purchasing All Available On-Line at

www.dynacononline.com

TERMS AND CONDITIONS OF SALE

ORDER ENTRY

Purchase orders to Dynacon may be entered by any of the following methods:

By Mail:

Dynacon Inc.
P.O. Box 205
Weyers Cave, VA 24486

By Telephone:

(540) 234-9000
8:30 am to 5:00 pm ET
Monday through Friday

By Fax:

(540) 234-9061
24 hours per day
7 days per week

By Internet:

www.dynacononline.com

ACCEPTANCE OF ALL ORDERS IS SUBJECT TO CREDIT APPROVAL BY DYNACON.
MINIMUM BILLING PER ORDER IS \$25.00

GENERAL PRICING POLICY

ALL PRICES ARE F.O.B. SHIPPING POINT. Unless otherwise specified, shipments will be by U.P.S. Freight plus a \$2.00 handling fee and U.P.S insurance fee of \$0.40 per \$100 value will be added to each shipment. Large actuators and valves which exceed U.P.S. weight limits, or are crated for shipment, will be shipped *freight collect* using the least expensive truck line.

PRICES BASED ON QUANTITY-PER-ORDER. Prices for Dynacon equipment are determined by the quantities of each product purchased for shipment at one time. Different part numbers *cannot* be combined for quantity pricing.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE. Material ordered for immediate shipment prior to the effective date of the price change will be billed at the lower price.

PAYMENT TERMS

Invoices for material purchased from Dynacon are payable *NET 30 DAYS* from the date of the invoice. All payments are to be made in U.S. dollars to Dynacon Inc., P.O. Box 205, Weyers Cave, VA 24486. Material shipped on a C.O.D. basis will include a \$10.00 handling charge to be paid upon receipt.

CREDIT BALANCES

If account credit balances are not applied or requested within one year of issuance, any remaining balances will be subject to cancellation, and Dynacon will have no further obligation.

WARRANTY POLICY

Dynacon products are sold with such warranties as may be extended by the product manufacturer (normally twelve months from date of purchase). Dynacon makes no other warranty claims and *THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS*. In no event is Dynacon responsible for consequential damages. The Buyer is responsible for installation and use of the products in accordance with the manufacturer's instructions.

RETURNED MATERIAL POLICY

Material being returned to Dynacon for any reason must receive prior authorization from Dynacon and be assigned a Return Authorization Number which is to be shown on the packing slip accompanying the return. Returns are to be shipped freight prepaid to the address designated by Dynacon. If the equipment is defective and in warranty, Dynacon will prepay normal U.P.S. charges for replacement. Non-defective material returned for credit must be received freight prepaid in new and resalable condition. Products manufactured by KMC Controls must have been shipped within the most recent 6 months and are subject to a 25% restocking charge (a 50% restocking charge applies for all KMC valves). For all other Dynacon products, a credit less a 15% restocking charge will be issued. All returned material that does not have a properly assigned Return Authorization Number or does not comply with this policy will be returned to the sender.

RIGHT OF SUBSTITUTION

Dynacon reserves the right to substitute products of equivalent specifications provided the operational characteristics of the products are not effected.



accepted

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MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
Numerical						
062-500-01	1	12.00	4.00	3.60	3.60	V8
A						
A-500-1-A-1	1	37.80	12.60	12.60	12.60	E24
A-500-1-A-2	1	50.40	16.80	16.80	16.80	E24
A-500-1-B-1	1	37.80	12.60	12.60	12.60	E24
A-500-1-B-2	1	50.40	16.80	16.80	16.80	E24
A-500-2-A-1	1	46.20	15.40	15.40	15.40	E24
A-500-2-A-2	1	67.20	22.40	22.40	22.40	E24
A-500-2-B-1	1	46.20	15.40	15.40	15.40	E24
A-500-2-B-2	1	67.20	22.40	22.40	22.40	E24
A-500-3-A-1	1	54.60	18.20	18.20	18.20	E24
A-500-3-A-2	1	84.00	28.00	28.00	28.00	E24
A-500-3-B-1	1	54.60	18.20	18.20	18.20	E24
A-500-3-B-2	1	84.00	28.00	28.00	28.00	E24
A-520-1-A-1	1	19.50	6.50	6.00	6.00	E26
A-520-2-A-1	1	19.50	6.50	6.00	6.00	E26
A-505	1	22.50	7.50	7.50	7.50	E24
AFS-222	1	50.70	16.90	16.30	15.50	E8
AFS-222-112	1	49.20	16.40	15.70	14.90	E8
AFS-460	1	67.80	22.60	21.50	20.50	E8
AFS-460-DSS	1	189.00	63.00	60.00	58.00	E8
AR-10	1	37.50	12.50	11.50	11.50	P13
AR-20	1	37.50	12.50	11.50	11.50	P13
AR-210	1	72.90	24.30	22.50	22.50	P13
AR-215	1	72.90	24.30	22.50	22.50	P13
AR-310	1	72.90	24.30	22.50	22.50	P13
AR-315	1	72.90	24.30	22.50	22.50	P13
ARF-10M	1	80.40	26.80	24.80	24.80	P13
ARF-20M	1	80.40	26.80	24.80	24.80	P13
ARF-210A	1	218.70	72.90	67.40	67.40	P13
ARF-210M	1	161.10	53.70	49.70	49.70	P13
ARF-310A	1	218.70	72.90	67.40	67.40	P13
ARF-310M	1	161.10	53.70	49.70	49.70	P13
ASF-210A	1	155.40	51.80	47.90	47.90	P14
ASF-210M	1	97.80	32.60	30.20	30.20	P14
ASF-310A	1	155.40	51.80	47.90	47.90	P14
ASF-310M	1	97.80	32.60	30.20	30.20	P14
AWF-210A	1	222.00	74.00	68.40	68.40	P14
AWF-210M	1	164.40	54.80	50.70	50.70	P14
AWF-310A	1	222.00	74.00	68.40	68.40	P14
AWF-310M	1	164.40	54.80	50.70	50.70	P14
AX-01	1	5.10	1.70	1.50	1.50	P13
AX-02	1	5.10	1.70	1.40	1.40	P13
AX-03	1	15.60	5.20	4.40	4.40	P13
AX-05	1	24.00	8.00	6.70	6.70	P13
AX-09	1	17.40	5.80	4.90	4.90	P14
AYC-1	1	14.40	4.80	4.40	4.40	---
AYC-2	1	21.60	7.20	6.70	6.70	---
AZ-1	1	9.90	3.30	2.80	2.80	P13
AZ-5	1	12.30	4.10	3.40	3.40	P13,14
AZ-6	1	101.70	33.90	28.30	28.30	P13,14
B						
BA-44	50	72.60	24.20	22.60	22.60	P16
BA-44-B	25	104.10	34.70	32.60	32.60	P16
BA-66-B	25	202.20	67.40	63.20	63.20	P16
BAM-1000	1	14.70	4.90	4.20	4.20	E11,E12
BBC-44	50	132.60	44.20	41.10	41.10	P16
BC-44	50	36.30	12.10	11.60	11.60	P16
BC-45	50	39.60	13.20	12.60	12.60	P16
BC-55	50	39.60	13.20	12.60	12.60	P16
BC-64	50	31.50	10.50	10.00	10.00	P16
BC-66	50	39.60	13.20	12.60	12.60	P16
BC-86	25	39.60	13.20	12.60	12.60	P16
BC-88	25	39.60	13.20	12.60	12.60	P16
BFC-42	100	145.20	48.40	45.30	45.30	P16
BFC-62	25	41.10	13.70	12.60	12.60	P16
BFC-64	25	88.50	29.50	27.40	27.40	---
BFL-42	100	180.00	60.00	56.90	56.90	---
BFL-64	25	158.10	52.70	50.00	50.00	---
BFT-442	25	48.90	16.30	14.70	14.70	P16

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
BFX-442	10	104.10	34.70	32.60	32.60	P16
BGT-422	50	249.60	83.20	79.00	79.00	P16
BKTD-110	1	95.70	31.90	29.00	29.00	E10
BL-44	100	113.70	37.90	35.80	35.80	P16
BL-66	100	158.10	52.70	50.50	50.50	P16
BL-88	50	93.30	31.10	29.50	29.50	P16
BMC-42	100	75.90	25.30	24.20	24.20	P16
BMC-44	100	110.70	36.90	34.70	34.70	P16
BMC-452	100	181.50	60.50	57.00	57.00	P16
BMC-52	100	211.80	70.60	66.30	66.30	---
BMC-62	100	107.40	35.80	34.20	34.20	---
BMC-64	50	60.00	20.00	19.00	19.00	P16
BML-42	100	123.30	41.10	37.90	37.90	P16
BML-44	50	91.50	30.50	29.00	29.00	P16
BML-62	100	158.10	52.70	50.50	50.50	P16
BML-64	25	50.40	16.80	14.70	14.70	P16
BMR-424	100	647.70	215.90	205.30	205.30	---
BMR-626	50	474.00	158.00	147.40	147.40	---
BMR-646	50	474.00	158.00	147.40	147.40	---
BMT-442	25	60.00	20.00	19.00	19.00	---
BMT-662	50	315.90	105.30	100.00	100.00	---
BMT-664	25	189.60	63.20	60.00	60.00	---
BNL-5	1	4.20	1.40	1.00	1.00	---
BS-44	100	270.00	90.00	85.00	85.00	---
BT-444	100	120.00	40.00	36.90	36.90	P16
BT-445	100	249.60	83.20	77.90	77.90	P16
BT-555	100	249.60	83.20	77.90	77.90	P16
BT-664	100	126.30	42.10	40.00	40.00	P16
BT-665	100	474.00	158.00	147.40	147.40	---
BT-666	100	189.60	63.20	60.00	60.00	P16
BT-884	50	96.30	32.10	30.00	30.00	P16
BT-886	50	97.80	32.60	30.50	30.50	P16
BT-888	50	102.60	34.20	32.10	32.10	P16
BTG-54VLW	1	50.10	16.70	13.50	13.50	E19
BTG-K	1	33.60	11.20	9.10	9.10	E19
BTG-RK	1	33.60	11.20	9.10	9.10	E19
BTG-RO	1	33.60	11.20	9.10	9.10	E19
BTG-UK2	1	33.60	11.20	9.10	9.10	E19
BTG-UWM	1	50.10	16.70	13.50	13.50	E19
BX-4	50	25.20	8.40	7.90	7.90	P16
BX-45	50	41.10	13.70	13.20	13.20	P16
BX-6	50	71.10	23.70	22.60	22.60	P16
C						
CBC-44	10	63.30	21.10	19.50	19.50	P17
CBC-66	10	85.20	28.40	26.30	26.30	P17
CC-33	25	88.50	29.50	26.90	26.90	---
CC-44	50	129.60	43.20	40.00	40.00	P17
CC-64	10	75.90	25.30	23.20	23.20	P17
CC-66	50	158.10	52.70	50.50	50.50	P17
CCC-1001	1	386.70	128.90	117.20	117.20	P11
CCC-1002	1	438.30	146.10	132.80	132.80	P11
CCE-1001	1	90.00	30.00	27.00	27.00	P9
CCE-1002	1	147.00	49.00	44.00	44.00	P9
CCE-3001	1	63.00	21.00	19.00	19.00	P9
CCE-3002	1	105.00	35.00	32.00	32.00	P9
CCE-3003	1	126.00	42.00	38.00	38.00	P9
CCE-3011			Obsolete - use CCE-3001			
CCE-3012			Obsolete - use CCE-3002			
CCE-3013			Obsolete - use CCE-3003			
CCL-44	10	34.80	11.60	10.50	10.50	P17
CD-4	200	63.30	21.10	19.00	19.00	P17
CD-6	100	41.10	13.70	12.60	12.60	P17
CD-8	100	60.00	20.00	17.90	17.90	P17
CEP-4001	1	586.20	195.40	177.60	177.60	E6
CEP-4002	1	591.00	197.00	179.10	179.10	E6
CEP-4005	1	525.60	175.20	159.30	159.30	E6
CEP-4011	1	586.20	195.40	177.60	177.60	E6
CEP-4012	1	591.00	197.00	179.10	179.10	E6
CEP-4013	1	646.20	215.40	195.80	195.80	E6
CEP-4014	1	657.00	219.00	199.10	199.10	E6
CEP-4015	1	525.60	175.20	159.30	159.30	E6

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
CEP-4201	1	586.20	195.40	177.60	177.60	---
CEP-4202	1	591.00	197.00	179.10	179.10	---
CEP-4205	1	525.60	175.20	159.30	159.30	---
CEP-4211	1	586.20	195.40	177.60	177.60	---
CEP-4212	1	591.00	197.00	179.10	179.10	---
CEP-4215	1	525.60	175.20	159.30	159.30	---
CEP-4401	1	586.20	195.40	177.60	177.60	---
CEP-4402	1	591.00	197.00	179.10	179.10	---
CEP-4405	1	525.60	175.20	159.30	159.30	---
CEP-4411	1	586.20	195.40	177.60	177.60	---
CEP-4412	1	591.00	197.00	179.10	179.10	---
CEP-4415	1	525.60	175.20	159.30	159.30	---
CF-4	100	41.10	13.70	11.60	11.60	P17
CF-6	100	41.10	13.70	11.60	11.60	P17
CFB-442	10	82.20	27.40	25.30	25.30	P17
CFC-32	25	69.60	23.20	22.10	22.10	---
CFC-42	25	47.40	15.80	15.30	15.30	P17
CFC-44	10	30.00	10.00	9.50	9.50	P17
CFC-62	10	28.50	9.50	9.00	9.00	---
CFC-64	10	42.60	14.20	13.20	13.20	P17
CFL-42	25	138.90	46.30	44.20	44.20	---
CFL-44	25	243.30	81.10	74.80	74.80	---
CGT-422	10	173.70	57.90	54.80	54.80	P17
CI-4	200	37.80	12.60	10.50	10.50	P17
CI-6	200	44.10	14.70	12.60	12.60	P17
CI-8	100	41.10	13.70	12.60	12.60	P17
CMB-442	10	57.00	19.00	17.90	17.90	P17
CMB-444	10	72.60	24.20	23.20	23.20	---
CMC-1001	1	206.40	68.80	62.50	62.50	P7
CMC-1002	1	284.10	94.70	86.10	86.10	P7
CMC-32	50	80.70	26.90	25.30	25.30	---
CMC-42	50	88.50	29.50	27.40	27.40	P17
CMC-44	50	142.20	47.40	45.30	45.30	P17
CMC-46	10	41.10	13.70	12.60	12.60	P17
CMC-62	25	71.10	23.70	22.10	22.10	P17
CMC-64	25	64.80	21.60	20.00	20.00	P17
CMC-66	25	77.40	25.80	24.20	24.20	P17
CMC-68	25	135.90	45.30	43.20	43.20	P17
CME-1001	1	50.70	16.90	15.40	15.40	---
CME-1002	1	50.70	16.90	15.40	15.40	V8
CME-1003	1	67.80	22.60	20.50	20.50	E31
CME-1004	1	77.70	25.90	23.50	23.50	---
CME-2001	1	180.90	60.30	54.80	54.80	---
CME-2002	1	180.90	60.30	54.80	54.80	---
CME-2003	1	39.00	13.00	11.80	11.80	E32
CME-7001	1	113.40	37.80	34.40	34.40	E31,32
CME-7002	1	142.20	47.40	43.10	43.10	E31,32
CMF-224	10	165.90	55.30	51.60	51.60	---
CML-32	25	110.70	36.90	34.70	34.70	---
CML-42	50	129.60	43.20	41.10	41.10	P17
CML-44	50	137.40	45.80	43.70	43.70	P17
CML-62	25	165.90	55.30	52.70	52.70	P17
CML-64	25	154.80	51.60	49.50	49.50	P17
CML-66	25	198.90	66.30	63.20	63.20	P17
CML-68	10	102.60	34.20	32.10	32.10	---
CMT-424	25	202.20	67.40	64.20	64.20	---
CMT-444	10	75.90	25.30	24.20	24.20	---
CN01A2D30	1	20.70	6.90	6.40	6.40	---
CN01A2D40	1	41.70	13.90	12.80	12.80	---
CN01A3B50	1	145.50	48.50	44.90	44.90	---
CN01A3B60	1	155.40	51.80	48.00	48.00	---
CN02A2D30	1	20.70	6.90	6.40	6.40	---
CN02A3B50	1	145.50	48.50	44.90	44.90	---
CN24A2D40	1	41.70	13.90	12.80	12.80	---
CN24A3B50	1	145.50	48.50	44.90	44.90	---
CN24A3B60	1	155.40	51.80	48.00	48.00	---
CN24A3C30	1	49.80	16.60	15.40	15.40	---
CN24A3C40	1	54.00	18.00	16.70	16.70	---
CN-4	100	50.40	16.80	15.80	15.80	P17
CN-6	100	75.90	25.30	24.20	24.20	P17
CNV-44	10	88.50	29.50	27.40	27.40	P18

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
CNV-66	1	117.00	39.00	35.80	35.80	P18
CO-CH4-TWR-3-120	1	4575.00	1525.00	1525.00	1525.00	---
CO-CO-TWR-3-120	1	2640.00	880.00	880.00	880.00	---
CO-H2-TWR-3-120	1	4575.00	1525.00	1525.00	1525.00	---
CO-NO2-TWR-3-120	1	2640.00	880.00	880.00	880.00	---
CO-ST-420	1	825.00	275.00	275.00	275.00	E28
CSC-1001	1	243.60	81.20	73.80	73.80	P1
CSC-2001	1	246.00	82.00	74.00	74.00	P1
CSC-2002	1	246.00	82.00	74.00	74.00	P1
CSC-2003	1	189.00	63.00	57.00	57.00	P1
CSC-2004	1	189.00	63.00	57.00	57.00	P1
CSC-2007	1	201.00	67.00	61.00	61.00	P1
CSC-2008	1	201.00	67.00	61.00	61.00	P1
CSC-2009	1	201.00	67.00	61.00	61.00	---
CSC-2010	1	201.00	67.00	61.00	61.00	---
CSC-2017	1	201.00	67.00	61.00	61.00	---
CSC-2018	1	201.00	67.00	61.00	61.00	---
CSC-3011	1	249.00	83.00	75.00	75.00	P2
CSC-3016	1	270.00	90.00	82.00	82.00	P2
CSC-3025	1	249.00	83.00	75.00	75.00	P2
CSP-5001	1	498.00	166.00	151.00	151.00	E4
CT-333	10	90.00	30.00	28.40	28.40	---
CT-444	25	159.60	53.20	49.50	49.50	P18
CT-664	10	87.00	29.00	27.40	27.40	P18
CT-666	25	162.60	54.20	51.60	51.60	P18
CT-800	1	66.00	22.00	19.50	19.50	E9
CT-805	1	81.00	27.00	25.00	25.00	E9
CT-810	1	99.00	33.00	30.50	30.50	E9
CT-815	1	115.50	38.50	36.00	36.00	E9
CTC-1611	1	77.10	25.70	23.40	23.40	---
CTC-1612	1	77.10	25.70	23.40	23.40	---
CTC-1621	1	141.60	47.20	42.90	42.90	---
CTC-1621-103	1	171.00	57.00	52.00	52.00	P10
CTC-1622	1	141.60	47.20	42.90	42.90	---
CTC-1622-103	1	171.00	57.00	52.00	52.00	P10
CTC-1631	1	216.60	72.20	65.60	65.60	---
CTC-1632	1	216.60	72.20	65.60	65.60	---
CTC-1643	1	232.20	77.40	70.40	70.40	P10
CTC-1644	1	232.20	77.40	70.40	70.40	P10
CTC-1645	1	232.20	77.40	70.40	70.40	P10
CTC-1646	1	232.20	77.40	70.40	70.40	P10
CTC-4101	1	299.40	99.80	90.70	90.70	P11
CTE-1001-10	1	192.00	64.00	58.20	58.20	E6
CTE-1003-10	1	244.50	81.50	74.10	74.10	E6
CTE-1004-10	1	186.60	62.20	56.50	56.50	E6
CTE-1010-10	1	244.50	81.50	74.10	74.10	E6
CTE-1101-10	1	165.00	55.00	50.00	50.00	E6
CTE-1103-10	1	211.50	70.50	64.10	64.10	E6
CTE-1105-10	1	211.50	70.50	64.10	64.10	E6
CTE-5101	1	141.90	47.30	43.00	43.00	---
CTE-5101-10	1	174.00	58.00	53.00	53.00	E4,E18
CTE-5102	1	141.90	47.30	43.00	43.00	---
CTE-5102-10	1	174.00	58.00	53.00	53.00	E4,E18
CTE-5103	1	185.70	61.90	56.30	56.30	---
CTE-5103-10	1	219.00	73.00	66.00	66.00	E4,E18
CTE-5104	1	185.70	61.90	56.30	56.30	---
CTE-5104-10	1	219.00	73.00	66.00	66.00	E4,E18
CTE-5105	1	185.70	61.90	56.30	56.30	---
CTE-5105-10	1	219.00	73.00	66.00	66.00	E4,E18
CTE-6101-10	1	116.40	38.80	35.30	35.30	E19
CTE-6111-10	1	116.40	38.80	35.30	35.30	E19
CTE-6121-10	1	116.40	38.80	35.30	35.30	E19
CTE-6131-10	1	116.40	38.80	35.30	35.30	E19
CTE-6102-10	1	116.40	38.80	35.30	35.30	E19
CTE-6112-10	1	116.40	38.80	35.30	35.30	E19
CTE-6122-10	1	116.40	38.80	35.30	35.30	E19
CTE-6132-10	1	116.40	38.80	35.30	35.30	E19
CTE-6103-10	1	116.40	38.80	35.30	35.30	E19
CTE-6113-10	1	116.40	38.80	35.30	35.30	E19
CTE-6123-10	1	116.40	38.80	35.30	35.30	E19
CTE-6133-10	1	116.40	38.80	35.30	35.30	E19

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
CU-870	1	129.00	43.00	41.00	41.00	---
CU-875	1	129.00	43.00	41.00	41.00	---
CU-880	1	147.00	49.00	47.00	47.00	---
CU-885	1	147.00	49.00	47.00	47.00	---
CX-4	25	48.90	16.30	15.30	15.30	P18
D						
DPA-04	1	12.00	4.00	3.00	2.50	E8
DPA-06	1	12.00	4.00	3.00	2.50	E8
DPS-04	1	12.00	4.00	3.00	2.50	E8
DPS-06	1	12.00	4.00	3.00	2.50	E8
E						
EP-311-020	1	279.00	93.00	89.50	89.50	P3
EP-311-315	1	279.00	93.00	89.50	89.50	P3
EP-313-020	1	312.00	104.00	99.00	99.00	P3
EP-313-315	1	312.00	104.00	99.00	99.00	P3
EPETD8S	1	597.00	199.00	186.00	186.00	---
EPJ-24	1	81.60	27.20	23.20	23.20	P8
EPJ-24-D	1	87.60	29.20	25.00	25.00	P8
EPJ-120	1	81.60	27.20	23.20	23.20	P8
EPJ-208	1	85.50	28.50	24.40	24.40	P8
EPJ-240	1	84.60	28.20	24.10	24.10	P8
EPJ-277	1	81.30	27.10	23.20	23.20	---
EPY-24	1	74.40	24.80	21.20	21.20	P8
EPY-24-D	1	80.70	26.90	23.00	23.00	P8
EPY-120	1	74.40	24.80	21.20	21.20	P8
ET-5SS	1	41.70	13.90	12.60	12.60	E18
ETD-5SS	1	45.90	15.30	13.90	13.90	E18
F						
FF-400	1	24.00	8.00	7.50	7.00	P15
FF34H	1	111.00	37.00	33.50	33.50	E33
FF34HH	1	111.00	37.00	33.50	33.50	E33
FF36H	1	111.00	37.00	33.50	33.50	E33
FF4H	1	74.40	24.80	22.00	22.00	E33
FF412H	1	111.00	37.00	33.50	33.50	E33
FF6H	1	74.40	24.80	22.00	22.00	E33
FF6HH	1	74.40	24.80	22.00	22.00	E33
FS-2	1	128.40	42.80	41.00	41.00	E7
FS-200	1	89.70	29.90	28.00	28.00	E10
FS-30	1	181.50	60.50	55.70	52.20	E10
FS-33	1	177.60	59.20	54.50	49.90	E10
FS-50	1	236.70	78.90	74.30	69.60	E10
FS-53	1	233.40	77.80	73.10	68.50	E10
FX-4520	1	3.60	1.20	0.90	0.90	E10
G						
GP-401	1	12.00	4.00	3.80	3.30	P15
GP-403	1	12.00	4.00	3.80	3.30	P15
GP-405	1	12.00	4.00	3.80	3.30	P15
GP-406	1	12.00	4.00	3.80	3.30	P15
GP-407	1	12.00	4.00	3.80	3.30	P15
GP-408	1	22.50	7.50	6.90	6.90	P15
GP-409	1	26.10	8.70	8.70	8.70	P15
GR-6512	1	63.00	21.00	21.00	21.00	P19
H						
HCO-1151	1	303.00	101.00	91.80	91.80	E30-E32
HDO-xxxx	1	6.90	2.30	2.10	2.10	P9,11,19
HFO-0002	1	12.30	4.10	3.70	3.70	P15
HFO-0003	1	4.20	1.40	1.30	1.30	---
HFO-0006	1	5.70	1.90	1.70	1.70	P15
HFO-0008	1	7.80	2.60	2.40	2.40	P15
HFO-0010	1	7.80	2.60	2.40	2.40	P12
HFO-0011	1	1.80	0.60	0.50	0.50	E31
HFO-0012	1	6.60	2.20	2.00	2.00	P15
HFO-0022	1	11.10	3.70	3.40	3.40	P12,15
HFO-0025	1	6.90	2.30	2.10	2.10	P15
HFO-0027	1	1.80	0.60	0.50	0.50	E18,P10
HFO-0028	1	7.80	2.60	2.40	2.40	P10,12
HFO-0029	1	8.40	2.80	2.50	2.50	P15
HFO-0038	1	12.90	4.30	3.90	3.90	P15
HLO-1004	10	258.00	86.00	78.00	78.00	P4
HLO-1006	10	414.00	138.00	126.00	126.00	P4
HLO-1008	10	16.80	5.60	5.00	5.00	P4

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
HLO-1009	50	27.30	9.10	8.70	8.70	---
HLO-1011	20	58.20	19.40	17.30	17.30	---
HLO-1016	20	120.90	40.30	37.25	37.25	---
HMO-4503	1	50.40	16.80	15.30	15.30	P12
HMO-4504	1	25.80	8.60	7.80	7.80	P12
HMO-4506	1	20.70	6.90	6.30	6.30	E32,P9
HMO-4507	1	16.20	5.40	4.90	4.90	P8
HMO-4509	1	29.70	9.90	9.00	9.00	---
HMO-4511	1	4.50	1.50	1.40	1.40	P8
HMO-4517	1	13.50	4.50	3.45	3.45	---
HMO-4518	1	5.40	1.80	1.35	1.35	E4,E32
HMO-4520	1	10.50	3.50	3.20	3.20	E32
HMO-4526	1	38.70	12.90	11.70	11.70	E4,E32
HMO-4536	1	13.20	4.40	4.00	4.00	E31
HMO-5023	1	10.50	3.50	3.20	3.20	E18,25,P10
HMO-5024	1	15.60	5.20	4.70	4.70	E25,P10
HMO-5026	1	17.10	5.70	5.20	5.20	E25
HMO-5044	1	15.90	5.30	4.80	4.80	E19
HPO-0009	25	104.10	34.70	30.00	30.00	---
HPO-0038	1	25.20	8.40	7.60	7.60	P4,P7
HPO-0047	1	18.00	6.00	5.60	5.60	P10
HPO-0048	1	18.00	6.00	5.60	5.60	P10
HPO-0060-10	1	19.50	6.50	5.90	5.90	E18
HPO-0061-10	1	19.50	6.50	5.90	5.90	E18
HPO-0062	1	102.60	34.20	31.10	31.10	E32
HPO-1501	1	15.90	5.30	4.80	4.80	P10
HPO-1502	1	15.90	5.30	4.80	4.80	E25
HPO-1503	1	49.80	16.60	15.10	15.10	E25
HPO-1511	1	15.90	5.30	4.80	4.80	P10,12
HPO-1512	1	15.90	5.30	4.80	4.80	---
HPO-1513	1	77.70	25.90	23.50	23.50	---
HPO-5013	1	11.70	3.90	3.50	3.50	V8
HPO-5014	1	22.50	7.50	6.80	6.80	V8
HPO-5016	1	567.30	189.10	171.90	171.90	---
HPO-5026	3	38.70	12.90	11.70	11.70	---
HPO-5027	3	54.90	18.30	16.50	16.50	---
HPO-5055	1	27.30	9.10	8.30	8.30	---
HPO-5110	1	170.40	56.80	51.60	51.60	---
HPO-5111	1	221.40	73.80	67.10	67.10	V8
HPO-5114	1	12.90	4.30	3.90	3.90	V8
HPO-5115	1	89.40	29.80	27.10	27.10	---
HSO-5001	1	45.00	15.00	13.60	13.60	---
HU-224-2-MA	1	258.00	86.00	86.00	86.00	E25
HU-224-2-VDC	1	258.00	86.00	86.00	86.00	E25
HU-224-3-MA	1	225.00	75.00	75.00	75.00	E25
HU-224-3-VDC	1	225.00	75.00	75.00	75.00	E25
HU-225-2-MA	1	228.00	76.00	76.00	76.00	E25
HU-225-2-VDC	1	228.00	76.00	76.00	76.00	E25
HU-225-3-MA	1	189.00	63.00	63.00	63.00	E25
HU-225-3-VDC	1	189.00	63.00	63.00	63.00	E25
HU-226-2-MA-◆	1	294.00	98.00	98.00	98.00	E25
HU-226-2-VDC-◆	1	294.00	98.00	98.00	98.00	E25
HU-226-3-MA-◆	1	252.00	84.00	84.00	84.00	E25
HU-226-3-VDC-◆	1	252.00	84.00	84.00	84.00	E25
◆ Insert appropriate number for desired Thermistor or RTD sensor code : 3, 5, 7, 10, 12, or 17						
I						
IP-PC101-44-MA	1	825.00	275.00	225.00	225.00	E2
IP-PC101-44-VDC	1	825.00	275.00	225.00	225.00	E2
IP-PC101-80-MA	1	735.00	245.00	195.00	195.00	E2
IP-PC101-80-VDC	1	735.00	245.00	195.00	195.00	E2
L						
L8	1	216.00	72.00	68.70	68.70	E7
L8-WP	1	270.00	90.00	86.00	86.00	E7
LD01105	1	72.00	24.00	22.40	22.40	---
LD02100	1	181.80	60.60	56.40	56.40	---
LD41017	1	31.20	10.40	9.70	9.70	---
LD96144	1	29.70	9.90	8.90	8.90	E13
LD96200	1	40.50	13.50	12.00	12.00	E13
LD97200	1	80.10	26.70	24.80	24.80	---
LE10500	1	29.40	9.80	9.30	9.30	---

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
LE11145	1	21.60	7.20	6.90	6.90	---
LE11177	1	21.60	7.20	6.90	6.90	---
LE11200	1	30.90	10.30	9.80	9.80	---
LE11300	1	29.40	9.80	9.30	9.30	---
LE11700	1	31.20	10.40	9.90	9.90	---
LE11800	1	60.60	20.20	19.20	19.20	---
LE11900	1	58.80	19.60	18.70	18.70	---
LE12000	1	65.10	21.70	20.70	20.70	---
LE12100	1	63.60	21.20	20.20	20.20	E16
LE12400	1	90.90	30.30	28.90	28.90	---
LE12463	1	97.50	32.50	30.90	30.90	---
LE12573	1	124.50	41.50	39.50	39.50	---
LE12600	1	141.00	47.00	44.80	44.80	---
LE13050	1	36.30	12.10	11.50	11.50	E16
LE13100	1	37.80	12.60	12.00	12.00	E16
LE15013	1	63.60	21.20	20.20	20.20	E16
LE15337	1	33.00	11.00	10.50	10.50	---
LE15550	1	62.40	20.80	19.80	19.80	---
LE16000	1	54.30	18.10	17.20	17.20	---
LE16550	1	52.50	17.50	16.70	16.70	---
LE17000	1	71.70	23.90	23.00	23.00	E16
LE17550	1	72.60	24.20	23.00	23.00	E16
LE47289	1	33.30	11.10	10.60	10.60	---
LE60025	1	20.70	6.90	6.60	6.60	E16
LE60075	1	22.80	7.60	7.20	7.20	E16
LE60100	1	24.90	8.30	7.90	7.90	E16
LE60125	1	47.40	15.80	15.00	15.00	E16
LE60175	1	51.00	17.00	16.20	16.20	E16
LE60200	1	55.20	18.40	17.50	17.50	E16
M						
M307	1	390.00	130.00	124.50	124.50	E28
M310e	1	462.00	154.00	148.00	148.00	E28
M310eD	1	525.00	175.00	166.00	166.00	E28
M310eL	1	534.00	178.00	171.00	171.00	E28
M310eLD	1	669.00	223.00	215.00	215.00	E28
M310eR	1	504.00	168.00	161.50	161.50	E28
M310eRD	1	564.00	188.00	180.00	180.00	E28
M310eRL	1	594.00	198.00	190.00	190.00	E28
M310eRLD	1	714.00	238.00	228.00	228.00	E28
MA80050	1	2.25	0.75	0.60	0.60	E11,E12
MCP-1020-◆308	1	201.00	67.00	60.90	60.90	P5
MCP-1020-◆311	1	258.60	86.20	78.40	78.40	P5
MCP-1020-◆312	1	258.60	86.20	78.40	78.40	---
◆ insert number for desired spring range in psi: [2] = 3-12# [3] = 5-10# [5] = 8-13# [6] = 10-15# [8] = 4-8#						
MCP-1030-◆108	1	268.50	89.50	81.40	81.40	P5
MCP-1030-1108	1	567.00	189.00	171.80	171.80	P5
MCP-1030-9108	1	567.00	189.00	171.80	171.80	P5
◆ insert number for desired spring range in psi: [2] = 3-12# [3] = 5-10# [5] = 8-13# [6] = 10-15# [8] = 4-8#						
MCP-1030-◆111	1	322.50	107.50	97.70	97.70	P5
MCP-1030-1111	1	619.50	206.50	187.70	187.70	P5
MCP-1030-9111	1	618.90	206.30	187.50	187.50	P5
◆ insert number for desired spring range in psi: [2] = 3-12# [3] = 5-10# [5] = 8-13# [6] = 10-15# [8] = 4-8#						
MCP-1130-◆520	1	322.80	107.60	97.80	97.80	P5
MCP-1130-1520	1	619.20	206.40	187.60	187.60	P5
MCP-1130-9520	1	618.90	206.30	187.50	187.50	P5
◆ insert number for desired spring range in psi: [2] = 3-12# [3] = 5-10# [5] = 8-13# [6] = 10-15# [8] = 4-8#						
MCP-1040-◆208	1	335.40	111.80	101.60	101.60	P5
MCP-1040-1208	1	644.40	214.80	195.30	195.30	P5
MCP-1040-9208	1	644.40	214.80	195.30	195.30	P5
◆ insert number for desired spring range in psi: [2] = 3-12# [3] = 5-10# [5] = 8-13# [6] = 10-15# [8] = 4-8#						
MCP-1040-◆211	1	387.00	129.00	117.30	117.30	P5
MCP-1040-1211	1	696.30	232.10	211.00	211.00	P5
MCP-1040-9211	1	696.30	232.10	211.00	211.00	P5
◆ insert number for desired spring range in psi: [2] = 3-12# [3] = 5-10# [5] = 8-13# [6] = 10-15# [8] = 4-8#						

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
MCP-1140-◆520	1	567.90	189.30	172.10	172.10	P5
MCP-1140-1520	1	644.40	214.80	195.30	195.30	P5
MCP-1140-9520	1	644.10	214.70	195.20	195.20	P5
◆ insert number for desired spring range in psi: [2] = 3-12# [3] = 5-10# [5] = 8-13# [6] = 10-15# [8] = 4-8#						
MCP-1160-1101	1	1186.50	395.50	359.50	359.50	P6
MCP-1160-1111	1	1185.60	395.20	359.30	359.30	P6
MCP-1160-1114	1	1185.90	395.30	359.40	359.40	P6
MCP-1160-5101	1	798.90	266.30	242.10	242.10	P6
MCP-1160-5111	1	1134.60	378.20	343.80	343.80	P6
MCP-1160-5114	1	799.20	266.40	242.20	242.20	P6
MCP-1160-9111	1	1598.10	532.70	484.30	484.30	P6
MCP-1160-9114	1	1598.10	532.70	484.30	484.30	P6
MCP-1231-0211	1	322.50	107.50	97.70	97.70	P6
MCP-1231-0520	1	322.50	107.50	97.70	97.70	P6
MCP-1241-0211	1	477.60	159.20	144.70	144.70	P6
MCP-1241-0520	1	477.00	159.00	144.50	144.50	P6
MCP-3631-2000	1	134.40	44.80	40.70	40.70	P4
MCP-3631-3000	1	134.40	44.80	40.70	40.70	P4
MCP-3631-5000	1	134.40	44.80	40.70	40.70	P4
MCP-3631-8000	1	134.40	44.80	40.70	40.70	P4
MCP-5140-◆208	1	335.40	111.80	101.60	101.60	P5
MCP-5140-9208	1	721.80	240.60	218.70	218.70	P5
MCP-5140-◆211	1	402.30	134.10	121.90	121.90	P5
MCP-5140-9211	1	721.80	240.60	218.70	218.70	P5
MCP-5140-◆520	1	402.60	134.20	122.00	122.00	P5
MCP-5140-9520	1	721.50	240.50	218.60	218.60	P5
◆ insert number for desired spring range in psi: [2] = 3-12# [3] = 5-10# [6] = 10-15# [8] = 4-8#						
MCP-5145-◆208	1	402.00	134.00	121.80	121.80	---
MCP-5145-◆211	1	402.30	134.10	121.90	121.90	---
MCP-5145-◆520	1	402.60	134.20	122.00	122.00	---
◆ insert number for desired spring range in psi: [2] = 3-12# [3] = 5-10# [6] = 10-15# [8] = 4-8#						
MCP-5160-5111	1	1134.60	378.20	343.80	343.80	P6
MCP-5160-5114	1	1083.00	361.00	328.20	328.20	P6
MCP-5160-9111	1	1495.20	498.40	453.10	453.10	P6
MCP-5160-9114	1	1495.20	498.40	453.10	453.10	P6
MCP-6001	1	68.40	22.80	20.70	20.70	---
MCP-6002	1	68.40	22.80	20.70	20.70	---
MCP-8031-◆101	1	108.00	36.00	32.50	32.50	P4
◆ insert number for desired spring range in psi: [2] = 3-12# [3] = 5-10# [5] = 8-13# [8] = 4-8#						
MCP-8031-◆111	1	262.80	87.60	79.60	79.60	---
MCP-8031-◆112	1	264.30	88.10	80.10	80.10	---
◆ insert number for desired spring range in psi: [2] = 3-12# [3] = 5-10# [5] = 8-13# [8] = 4-8#						
MCP-8031-3003	1	120.00	36.00	32.50	32.50	P4
MCP-8035-◆101	1	180.90	60.30	54.80	54.80	---
MCP-8035-◆111	1	325.20	108.40	98.50	98.50	---
MCP-8035-◆112	1	325.20	108.40	98.50	98.50	---
◆ insert number for desired spring range in psi: [2] = 3-12# [3] = 5-10# [5] = 8-13# [8] = 4-8#						
MEP-1261	1	281.40	93.80	85.30	85.30	---
MEP-1262	1	391.80	130.60	118.70	118.70	---
MEP-1263	1	364.20	121.40	110.40	110.40	---
MEP-1271	1	557.10	185.70	168.80	168.80	---
MEP-1272	1	667.20	222.40	202.20	202.20	---
MEP-1273	1	640.20	213.40	194.00	194.00	---
MEP-1501	1	243.00	81.00	73.60	73.60	---
MEP-1502	1	243.00	81.00	73.60	73.60	---
MEP-1503	1	243.00	81.00	73.60	73.60	---
MEP-1504	1	243.00	81.00	73.60	73.60	---
MEP-1505	1	243.00	81.00	73.60	73.60	---
MEP-1506	1	243.00	81.00	73.60	73.60	---
MEP-1507	1	243.00	81.00	73.60	73.60	---
MEP-3001	1	218.70	72.90	66.30	66.30	V8
MEP-3006	1	218.70	72.90	66.30	66.30	V8
MEP-3010	1	490.20	163.40	148.50	148.50	V8
MEP-3011	1	592.80	197.60	179.60	179.60	V8

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
MEP-3016	1	592.80	197.60	179.60	179.60	V8
MEP-4001	1	130.80	43.60	39.60	39.60	E30
MEP-4002	1	226.20	75.40	68.50	68.50	E30
MEP-4003	1	123.90	41.30	37.50	37.50	E30
MEP-4013	1	169.50	56.50	51.40	51.40	E30
MEP-4021	1	151.80	50.60	46.00	46.00	E30
MEP-4022	1	250.80	83.60	76.00	76.00	E30
MEP-425-100	1	346.50	115.50	105.00	105.00	E32
MEP-425-500	1	391.20	130.40	118.50	118.50	E32
MEP-425-502	1	516.90	172.30	156.60	156.60	---
MEP-425-503	1	519.00	173.00	157.30	157.30	---
MEP-425-600	1	485.10	161.70	147.00	147.00	E32
MEP-425-602	1	611.40	203.80	185.30	185.30	---
MEP-455-100	1	554.10	184.70	167.90	167.90	E32
MEP-455-300	1	621.60	207.20	188.40	188.40	E32
MEP-455-500	1	622.20	207.40	188.50	188.50	E32
MEP-455-600	1	713.70	237.90	216.30	216.30	E32
MEP-455-602	1	841.80	280.60	255.10	255.10	---
MEP-4801	1	144.30	48.10	43.70	43.70	E30
MEP-4802	1	257.70	85.90	78.10	78.10	E30
MEP-4813	1	182.70	60.90	55.40	55.40	E30
MEP-4821	1	190.80	63.60	57.80	57.80	E30
MEP-4822	1	303.60	101.20	92.00	92.00	E30
MEP-5061	1	153.60	51.20	46.50	46.50	E31
MEP-5062	1	270.90	90.30	82.10	82.10	---
MEP-5063	1	168.60	56.20	51.10	51.10	---
MEP-5071	1	158.40	52.80	48.00	48.00	---
MEP-5072	1	276.00	92.00	83.60	83.60	E31
MEP-5073	1	174.00	58.00	52.70	52.70	E31
MEP-5372	1	480.60	160.20	145.60	145.60	E31
MEP-5373	1	378.30	126.10	114.60	114.60	E31
MEP-5374	1	455.10	151.70	137.90	137.90	---
MEP-7011	1	324.30	108.10	98.30	98.30	E31
MEP-7012	1	478.20	159.40	144.90	144.90	E31
MEP-7013	1	400.20	133.40	121.30	121.30	E31
MEP-7061	1	600.90	200.30	182.10	182.10	---
MEP-7062	1	675.30	225.10	204.60	204.60	---
MEP-7063	1	699.60	233.20	212.00	212.00	---
MEP-7711	1	492.90	164.30	149.40	149.40	E31
MEP-7712	1	645.30	215.10	195.50	195.50	E31
MEP-7713	1	567.30	189.10	171.90	171.90	E31
MEP-7761	1	886.80	295.60	268.70	268.70	---
MEP-7762	1	1039.50	346.50	315.00	315.00	---
MEP-7763	1	960.60	320.20	291.10	291.10	---
MH1010	1	116.10	38.70	38.70	38.70	---
MH1020	1	116.10	38.70	38.70	38.70	---
MH3510	1	235.20	78.40	78.40	78.40	---
MH3520	1	235.20	78.40	78.40	78.40	---
MH4403L	1	343.50	114.50	114.50	114.50	---
MH5503L	1	569.70	189.90	189.90	189.90	---
MH5803L	1	717.00	239.00	239.00	239.00	---
MR-101-C	1	56.40	18.80	17.90	17.90	E14
MR-101-T	1	34.50	11.50	10.90	10.90	E14
MR-201-C	1	66.00	22.00	20.90	20.90	E14
MR-201-T	1	43.20	14.40	13.70	13.70	E14
MR-601-T	1	30.00	10.00	9.50	9.50	E14
MR-604-T	1	117.30	39.10	37.20	37.20	E14
MR-608-T	1	216.00	72.00	68.50	68.50	E14
MR-801-T	1	23.10	7.70	7.30	7.30	E14
MR-804-T	1	93.90	31.30	29.80	29.80	E14
MR-808-T	1	164.40	54.80	52.10	52.10	E14
MS-RA	1	30.00	10.00	9.30	9.30	E29
MS-RA-P	1	30.00	10.00	9.30	9.30	E29
MS-RA-R	1	36.00	12.00	11.20	11.20	E29
MT212-2	1	4.50	1.50	1.00	1.00	E14
MT212-12	1	18.00	6.00	5.00	5.00	E14
MT4-2	1	4.50	1.50	1.00	1.00	E14
MT4-12	1	18.00	6.00	5.00	5.00	E14
P						
P-14	1	228.00	76.00	74.00	74.00	E7
P-18	1	279.00	93.00	90.00	90.00	E7

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
P-24	1	363.00	121.00	118.00	118.00	E7
P-36	1	543.00	181.00	176.00	176.00	E7
P-LOCK	1	27.00	9.00	9.00	9.00	---
PAM-1	1	28.50	9.50	8.50	8.50	E13
PAM-4	1	28.50	9.50	8.50	8.50	E13
PR-243-MA	1	189.00	63.00	63.00	63.00	E26
◆ insert code for field selectable pressure ranges: [R1] = 0 to 5/10/20 psig [R2] = 0 to 7.5/15/30 psig [R3] = 3 to 15 psig						
PR-243-VDC	1	189.00	63.00	63.00	63.00	E26
◆ insert code for field selectable pressure ranges: [R1] = 0 to 5/10/20 psig [R2] = 0 to 7.5/15/30 psig [R3] = 3 to 15 psig						
PR-264-MA	1	525.00	175.00	175.00	175.00	---
◆ insert code for field selectable pressure ranges: [R1] = 0 to 5/10/20 psig [R2] = 0 to 7.5/15/30 psig [R3] = 3 to 15 psig						
PR-264-VDC	1	525.00	175.00	175.00	175.00	---
◆ insert code for field selectable pressure ranges: [R1] = 0 to 5/10/20 psig [R2] = 0 to 7.5/15/30 psig [R3] = 3 to 15 psig						
PR-274-MA	1	294.00	98.00	98.00	98.00	E26
◆ insert code for field selectable ranges in inches of water column: [R1] = 0 to 10", -.05 to +.05" [R2] = 0 to 1.0/5.0/0.25", -.05 to +0.5", -.025 to +0.25", -.0125 to +0.125" [R3] = 0 to 1.25/2.5/5", -.25 to +2.5", -.125 to +1.25", -.0625 to +0.625" [R4] = 0 to 7.5/18/30", -.15 to +15", -.75 to +7.5", -.375 to +3.75"						
PR-274-VDC	1	294.00	98.00	98.00	98.00	E26
◆ insert code for field selectable ranges in inches of water column: [R1] = 0 to 10", -.05 to +.05" [R2] = 0 to 1.0/5.0/0.25", -.05 to +0.5", -.025 to +0.25", -.0125 to +0.125" [R3] = 0 to 1.25/2.5/5", -.25 to +2.5", -.125 to +1.25", -.0625 to +0.625" [R4] = 0 to 7.5/18/30", -.15 to +15", -.75 to +7.5", -.375 to +3.75"						
PR-275-MA	1	276.00	92.00	92.00	92.00	E26
◆ insert code for field selectable ranges in inches of water column: [R1] = 0 to 10", -.05 to +.05" [R2] = 0 to 1.0/5.0/0.25", -.05 to +0.5", -.025 to +0.25", -.0125 to +0.125" [R3] = 0 to 1.25/2.5/5", -.25 to +2.5", -.125 to +1.25", -.0625 to +0.625" [R4] = 0 to 7.5/18/30", -.15 to +15", -.75 to +7.5", -.375 to +3.75"						
PR-275-VDC	1	276.00	92.00	92.00	92.00	E26
◆ insert code for field selectable ranges in inches of water column: [R1] = 0 to 10", -.05 to +.05" [R2] = 0 to 1.0/5.0/0.25", -.05 to +0.5", -.025 to +0.25", -.0125 to +0.125" [R3] = 0 to 1.25/2.5/5", -.25 to +2.5", -.125 to +1.25", -.0625 to +0.625" [R4] = 0 to 7.5/18/30", -.15 to +15", -.75 to +7.5", -.375 to +3.75"						
PR-282	1	735.00	245.00	245.00	245.00	E27
PS-200-1-A-1-L	1	114.00	38.00	38.00	38.00	E17
PS-200-1-A-1-N	1	123.00	41.00	41.00	41.00	---
PS-200-1-A-3-L	1	114.00	38.00	38.00	38.00	---
PS-200-1-A-3-N	1	123.00	41.00	41.00	41.00	---
PS-200-1-B-1-L	1	147.00	49.00	49.00	49.00	E17
PS-200-1-B-1-N	1	159.00	53.00	53.00	53.00	---
PS-200-2-A-1-L	1	114.00	38.00	38.00	38.00	---
PS-200-2-A-1-N	1	123.00	41.00	41.00	41.00	---
PS-200-2-A-3-L	1	114.00	38.00	38.00	38.00	---
PS-200-2-A-3-N	1	123.00	41.00	41.00	41.00	---
PS-200-2-B-1-L	1	147.00	49.00	49.00	49.00	---
PS-200-2-B-1-N	1	159.00	53.00	53.00	53.00	---
PS-200-3-A-1-L	1	114.00	38.00	38.00	38.00	---
PS-200-3-A-1-N	1	123.00	41.00	41.00	41.00	---
PS-200-3-A-3-L	1	114.00	38.00	38.00	38.00	---
PS-200-3-A-3-N	1	123.00	41.00	41.00	41.00	---
PS-200-3-B-1-L	1	147.00	49.00	49.00	49.00	---
PS-200-3-B-1-N	1	159.00	53.00	53.00	53.00	---
PSB100AB10	1	158.10	52.70	49.30	49.30	---
PSH100A	1	191.40	63.80	59.40	59.40	E17
PSH100A100AB10	1	336.90	112.30	104.60	104.60	E17
PSH100AB10	1	204.30	68.10	63.40	63.40	E17
PSH300A	1	550.80	183.60	171.00	171.00	E17
PSH40A	1	149.40	49.80	46.30	46.30	E17
PSH40AB10	1	167.70	55.90	52.10	52.10	---
PSH500A	1	678.60	226.20	210.60	210.60	E17
PSH75A	1	182.70	60.90	56.70	56.70	E17
PSH75AB10	1	202.20	67.40	62.80	62.80	E17
PSM19A24DAS	1	95.40	31.80	29.60	29.60	E17

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
PSM24A24DAS	1	95.40	31.80	29.60	29.60	E17
PSM40A24DS	1	122.70	40.90	38.10	38.10	---
PSMN24DA	1	47.70	15.90	14.80	14.80	E17
PSMN24DAS	1	55.20	18.40	17.20	17.20	---
PSMN40A24DS	1	122.70	40.90	38.10	38.10	E17
PSP24DA	1	71.10	23.70	22.00	22.00	E17
PSPT2RB10	1	65.70	21.90	20.40	20.40	E17
PSPW2RB10	1	62.70	20.90	19.50	19.50	E17
R						
RCC-1001	1	39.30	13.10	11.90	11.90	P8
RCC-1006	1	24.00	8.00	7.30	7.30	P8
RCC-1008	1	23.10	7.70	7.00	7.00	P8
RCC-1009	1	72.00	24.00	21.80	21.80	P8
RCC-1010	1	93.00	31.00	28.20	28.20	P8
RCC-1012	1	43.50	14.50	13.20	13.20	P8
RCC-1101	1	43.20	14.40	13.10	13.10	P8
RCC-1106	1	28.50	9.50	8.60	8.60	P8
RCC-1108	1	27.30	9.10	8.30	8.30	P8
RCC-1109	1	76.50	25.50	23.20	23.20	P8
RCC-1111	1	99.30	33.10	30.10	30.10	---
RCC-1112	1	48.30	16.10	14.60	14.60	P8
RCC-1501	1	119.10	39.70	36.10	36.10	P8
RCC-1502	1	126.30	42.10	38.30	38.30	P8
RCC-1503	1	119.10	39.70	36.10	36.10	P8
RCC-1504	1	126.30	42.10	38.30	38.30	P8
RCC-1506	1	126.30	42.10	38.30	38.30	---
RCC-1508	1	126.30	42.10	38.30	38.30	---
RCC-1510	1	126.30	42.10	38.30	38.30	P8
RCC-1512	1	126.30	42.10	38.30	38.30	---
RCC-1516	1	126.30	42.10	38.30	38.30	---
REE-1004	1	54.90	18.30	16.60	16.60	E6,E15
REE-1005	1	61.50	20.50	18.60	18.60	E4,6,15
REE-2002	1	92.10	30.70	27.90	27.90	E20
REE-2005	1	90.90	30.30	27.50	27.50	E20
REE-4001	1	106.80	35.60	32.40	32.40	E6,E15
REE-4002	1	106.50	35.50	32.30	32.30	E6,E15
REE-4006	1	106.50	35.50	32.30	32.30	E6,E15
REE-5001	1	106.50	35.50	32.30	32.30	E4,E15
REE-5002	1	106.50	35.50	32.30	32.30	E4,E15
RFS-4001-033	1	41.40	13.80	13.20	12.70	E8
RFS-4001-034	1	38.70	12.90	12.30	11.90	E8
RH1B-UAC24V	1	17.40	5.80	5.30	5.30	E11
RH1B-UAC120V	1	17.40	5.80	5.30	5.30	E11
RH1B-UDC12V	1	15.90	5.30	4.80	4.80	E11
RH1B-UDC24V	1	15.90	5.30	4.80	4.80	E11
RH1B-ULAC24V	1	19.50	6.50	5.90	5.90	E11
RH1B-ULAC120V	1	19.50	6.50	5.90	5.90	E11
RH2B-UAC24V	1	18.00	6.00	5.50	5.50	E11
RH2B-UAC120V	1	18.00	6.00	5.50	5.50	E11
RH2B-UDC24V	1	17.10	5.70	5.20	5.20	E11
RH2B-ULAC24V	1	22.80	7.60	6.90	6.90	E11
RH2B-ULAC120V	1	22.80	7.60	6.90	6.90	E11
RH2B-ULDC24V	1	21.30	7.10	6.60	6.60	E11
RH2LB-UAC24V	1	53.10	17.70	16.80	16.80	E12
RH2LB-UAC120V	1	53.10	17.70	16.80	16.80	E12
RH2LB-UDC24V	1	49.80	16.60	15.70	15.70	E12
RH3B-UAC24V	1	23.10	7.70	7.00	7.00	E11
RH3B-UAC120V	1	23.10	7.70	7.00	7.00	E11
RH3B-UDC24V	1	22.20	7.40	6.70	6.70	E11
RH3B-ULAC24V	1	27.60	9.20	8.40	8.40	E11
RH3B-ULAC120V	1	27.60	9.20	8.40	8.40	E11
RH3B-ULDC24V	1	26.70	8.90	8.10	8.10	E11
RH4B-UAC24V	1	28.50	9.50	8.60	8.60	E11
RH4B-UAC120V	1	28.50	9.50	8.60	8.60	E11
RH4B-UDC24V	1	27.60	9.20	8.30	8.30	E11
RH4B-ULAC24V	1	33.00	11.00	10.00	10.00	E11
RH4B-ULAC120V	1	33.00	11.00	10.00	10.00	E11
RH4B-ULDC24V	1	32.40	10.80	9.80	9.80	E11
RIB01P	1	81.90	27.30	25.40	25.40	E13
RIB02P	1	89.40	29.80	27.70	27.70	E13
RIB04P	1	82.80	27.60	25.70	25.70	---

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
RIB21CDC	1	42.00	14.00	13.10	13.10	---
RIB21CDC-N4	1	55.50	18.50	17.20	17.20	---
RIB2401B	1	49.20	16.40	15.20	15.20	E13
RIB2401D	1	52.50	17.50	16.80	16.80	E13
RIB2401D-N4	1	69.90	23.30	21.70	21.70	---
RIB2401SB	1	63.60	21.20	19.70	19.70	---
RIB2402B	1	54.00	18.00	16.70	16.70	E13
RIB2402D	1	60.90	20.30	18.80	18.80	---
RIB2402D-N4	1	74.10	24.70	23.00	23.00	---
RIB2402SB	1	71.10	23.70	22.00	22.00	E13
RIB2421C	1	40.20	13.40	12.90	12.90	E13
RIB2421C-N4	1	56.70	18.90	17.60	17.60	---
RIB24P	1	76.80	25.60	23.80	23.80	E13
RIBD2421C	1	103.50	34.50	32.00	32.00	E12
RIBH1C	1	35.40	11.80	11.30	11.30	E13
RIBH1C-N4	1	51.30	17.10	15.90	15.90	---
RIBH2C	1	69.30	23.10	21.50	21.50	---
RIBM01ZND	1	84.60	28.20	26.30	26.30	---
RIBM02ZND	1	91.50	30.50	28.40	28.40	---
RIBM24C	1	22.20	7.40	7.20	7.20	E14
RIBM24S	1	25.20	8.40	8.20	8.20	E14
RIBM24C	1	22.20	7.40	7.20	7.20	E14
RIBM24S	1	25.20	8.40	8.20	8.20	E14
RIBMNU1C	1	34.80	11.60	10.80	10.80	E14
RIBMNU1S	1	40.20	13.40	12.40	12.40	E14
RIBMU1C	1	33.60	11.20	10.80	10.80	E14
RIBMU1S	1	40.20	13.40	12.40	12.40	E14
RIBMUC2	1	59.40	19.80	18.40	18.40	---
RIBTW2401B-LN	1	273.00	91.00	85.00	85.00	E15
RIBTW2401SB-LN	1	301.50	100.50	94.00	94.00	E15
RIBTW2402B-LN	1	282.00	94.00	87.50	87.50	E15
RIBTW2402SB-LN	1	309.00	103.00	96.00	96.00	E15
RIBTW24S-LNAI	1	337.50	112.50	105.00	105.00	E15
RIBU1C	1	31.50	10.50	10.00	10.00	E13
RIBU1C-N4	1	47.40	15.80	14.70	14.70	---
RIBU1S	1	45.00	15.00	14.50	14.50	E13
RIBU2C	1	57.60	19.20	18.50	18.50	E13
RIBX24BA	1	101.70	33.90	31.50	31.50	E9
RIBX24BF	1	96.30	32.10	29.90	29.90	E9
RIBX24SBA	1	113.40	37.80	35.10	35.10	E9
RIBX24SBF	1	108.00	36.00	33.50	33.50	E9
RIBXGA	1	84.00	28.00	26.00	26.00	E9
RIBXGF	1	69.00	23.00	21.40	21.40	E9
RIBXGTA	1	84.90	28.30	26.30	26.30	E9
RIBXGTF	1	70.80	23.60	21.90	21.90	E9
RIBXK420-20	1	66.00	22.00	20.50	20.50	---
RIBXK420-50	1	66.00	22.00	20.50	20.50	---
RIBXK420-100	1	66.00	22.00	20.50	20.50	---
RIBXKA	1	84.90	28.30	26.30	26.30	E9
RIBXKF	1	45.00	15.00	14.00	14.00	E9
RIBXKTA	1	84.90	28.30	26.30	26.30	E9
RIBXKTF	1	45.00	15.00	14.00	14.00	E9
RIBXLC	1	89.40	29.80	27.70	27.70	E9
RIBXLCF	1	84.00	28.00	26.00	26.00	E9
RIBXLCRA	1	108.00	36.00	33.60	33.60	E9
RIBXLCV	1	84.00	28.00	26.00	26.00	E9
RIBXLSA	1	97.20	32.40	30.10	30.10	E9
RIBXLSF	1	92.40	30.80	28.60	28.60	E9
RIBXLSRA	1	117.00	39.00	36.30	36.30	---
RIC-1	1	30.90	10.30	9.30	9.30	E13
RIC-2	1	37.80	12.60	11.70	11.70	E13
RR2P-UAC24V	1	33.00	11.00	9.20	9.20	E12
RR2P-UAC120V	1	33.00	11.00	9.20	9.20	E12
RR2P-UDC24V	1	32.70	10.90	9.10	9.10	E12
RR2P-ULAC24V	1	38.40	12.80	10.70	10.70	E12
RR2P-ULAC120V	1	38.40	12.80	10.70	10.70	E12
RR2P-ULDC24V	1	37.80	12.60	10.50	10.50	E12
RR3P-UAC24V	1	40.50	13.50	11.20	11.20	E12
RR3P-UAC120V	1	40.50	13.50	11.20	11.20	E12
RR3P-UDC24V	1	40.20	13.40	11.10	11.10	E12
RR3P-ULAC24V	1	45.60	15.20	12.70	12.70	E12

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
RR3P-ULAC120V	1	45.60	15.20	12.70	12.70	E12
RR3P-ULDC24V	1	45.30	15.10	12.60	12.60	E12
S						
SAE-1101	1	811.50	270.50	245.90	245.90	E29
SAE-1102	1	908.70	302.90	275.40	275.40	E29
SAE-1151	1	876.30	292.10	265.50	265.50	E29
SAE-1152	1	973.50	324.50	295.00	295.00	E29
SH1B-05	1	9.00	3.00	2.90	2.90	E11
SH2B-05	1	11.40	3.80	3.60	3.60	E11
SH3B-05	1	12.30	4.10	3.90	3.90	E11
SH4B-05	1	15.90	5.30	5.00	5.00	E11
SL-2000-N	1	264.00	88.00	88.00	88.00	E29
SL-2000-P	1	264.00	88.00	88.00	88.00	E29
SM-501-N	1	264.00	88.00	88.00	88.00	E29
SM-501-P	1	264.00	88.00	88.00	88.00	E29
SP-30	1	25.80	8.60	7.50	7.50	P14
SR2P-05	1	9.90	3.30	3.10	3.10	E12
SR3P-05	1	15.00	5.00	4.70	4.70	E12
SSE-1001	1	95.70	31.90	29.00	29.00	---
SSE-1002	1	106.50	35.50	32.30	32.30	---
SSE-1011	1	117.90	39.30	35.70	35.70	---
SSE-1012	1	128.10	42.70	38.80	38.80	---
SSE-2001	1	144.30	48.10	43.70	43.70	---
SSE-2002	1	160.20	53.40	48.50	48.50	---
SSE-2011	1	117.60	39.20	35.60	35.60	---
SSE-2012	1	126.00	42.00	38.20	38.20	---
SSS-1002	1	29.40	9.80	9.50	8.90	E4,E8,P2
SSS-1003	1	33.00	11.00	10.50	9.90	E4,E8,P2
SSS-1004	1	39.00	13.00	12.50	11.80	E4,E8,P2
SSS-1005	1	45.00	15.00	14.50	13.70	E4,E8,P2
STN-1	1	16.50	5.50	5.50	5.50	E29
STN-2.5	1	17.70	5.90	5.90	5.90	E29
STN-5	1	20.70	6.90	6.90	6.90	E29
STN-10	1	30.90	10.30	10.30	10.30	E29
STS-2.5	1	17.70	5.90	5.90	5.90	E29
STS-5	1	20.70	6.90	6.90	6.90	E29
STS-10	1	30.90	10.30	10.30	10.30	E29
T						
TE-205-EX-◆-0	1	18.90	6.30	6.30	6.30	E21
TE-205-EX-◆-1	1	27.30	9.10	9.10	9.10	E21
TE-205-EX-◆-2	1	33.60	11.20	11.20	11.20	E21
TE-205-EX-◆-3	1	39.90	13.30	13.30	13.30	E21
TE-205-EX-◆-4	1	27.30	9.10	9.10	9.10	E21
TE-205-EX-◆-5	1	33.60	11.20	11.20	11.20	E21
◆ insert code for desired thermistor value: [7] = 10K Ω, type 3, [10] = 3K Ω, [12] = 10K Ω, type 2, [13] = 5K Ω, [15] = 100K Ω, [17] = 20K Ω, [18] = 2252 Ω, [21] = 1800 Ω						
TE-205-EX-◆-0	1	23.10	7.70	7.70	7.70	E21
TE-205-EX-◆-1	1	31.50	10.50	10.50	10.50	E21
TE-205-EX-◆-2	1	37.80	12.60	12.60	12.60	E21
TE-205-EX-◆-3	1	44.10	14.70	14.70	14.70	E21
TE-205-EX-◆-4	1	31.50	10.50	10.50	10.50	E21
TE-205-EX-◆-5	1	37.80	12.60	12.60	12.60	E21
◆ insert code for desired RTD value: [1] = 100 Ω Platinum, [3] = 1000 Ω Platinum, [4] = 1000 Ω Nickel Iron, [5] = 1000 Ω Balco						
TE-205-F-◆	1	37.80	12.60	12.60	12.60	E23
◆ insert code for desired thermistor value: [7] = 10K Ω, type 3, [10] = 3K Ω, [12] = 10K Ω, type 2, [13] = 5K Ω, [15] = 100K Ω, [17] = 20K Ω, [18] = 2252 Ω, [21] = 1800 Ω						
TE-205-F-◆	1	42.00	14.00	14.00	14.00	E23
◆ insert code for desired RTD value: [1] = 100 Ω Platinum, [3] = 1000 Ω Platinum, [4] = 1000 Ω Nickel Iron, [5] = 1000 Ω Balco						
TE-205-M-◆	1	18.90	6.30	6.30	6.30	E21
◆ insert code for desired thermistor value: [7] = 10K Ω, type 3, [10] = 3K Ω, [12] = 10K Ω, type 2, [13] = 5K Ω, [15] = 100K Ω, [17] = 20K Ω, [18] = 2252 Ω, [21] = 1800 Ω						
TE-205-M-◆	1	23.10	7.70	7.70	7.70	E21
◆ insert code for desired RTD value: [1] = 100 Ω Platinum, [3] = 1000 Ω Platinum, [4] = 1000 Ω Nickel Iron, [5] = 1000 Ω Balco						

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
TE-205-P-◆	1	25.20	8.40	8.40	8.40	E21
◆ insert code for desired thermistor value: [7] = 10K Ω, type 3, [10] = 3K Ω, [12] = 10K Ω, type 2, [13] = 5K Ω, [15] = 100K Ω, [17] = 20K Ω, [18] = 2252 Ω, [21] = 1800 Ω						
TE-205-P-◆	1	29.40	9.80	9.80	9.80	E21
◆ insert code for desired RTD value: [1] = 100 Ω Platinum, [3] = 1000 Ω Platinum, [4] = 1000 Ω Nickel Iron, [5] = 1000 Ω Balco						
TE-211-Y-A	1	135.00	45.00	45.00	45.00	E27
TE-211-Y-B	1	156.00	52.00	52.00	52.00	E27
TE-211-Y-C	1	156.00	52.00	52.00	52.00	E27
TE-211-Y-F	1	156.00	52.00	52.00	52.00	E27
TE-211-Z-A	1	135.00	45.00	45.00	45.00	E27
TE-211-Z-B	1	156.00	52.00	52.00	52.00	E27
TE-211-Z-C	1	156.00	52.00	52.00	52.00	E27
TE-211-Z-F	1	156.00	52.00	52.00	52.00	E27
TE-213	1	201.00	67.00	67.00	67.00	E27
TE-701-A-◆-□	1	16.80	5.60	5.60	5.60	E22
TE-701-B-◆-□	1	21.00	7.00	7.00	7.00	E22
TE-701-C-◆-□	1	16.80	5.60	5.60	5.60	E22
TE-701-D-◆-□	1	21.00	7.00	7.00	7.00	E22
□ Probe length: A = 4" B = 6" C = 8" D = 12"						
◆ insert code for desired thermistor value: [7] = 10K Ω, type 3, [10] = 3K Ω, [12] = 10K Ω, type 2, [13] = 5K Ω, [15] = 100K Ω, [17] = 20K Ω, [18] = 2252 Ω, [21] = 1800 Ω						
TE-701-A-◆-□	1	21.00	7.00	7.00	7.00	E22
TE-701-B-◆-□	1	25.20	8.40	8.40	8.40	E22
TE-701-C-◆-□	1	21.00	7.00	7.00	7.00	E22
TE-701-D-◆-□	1	25.20	8.40	8.40	8.40	E22
□ Probe length: A = 4" B = 6" C = 8" D = 12"						
◆ insert code for desired RTD value: [1] = 100 Ω Platinum, [3] = 1000 Ω Platinum, [4] = 1000 Ω Nickel Iron, [5] = 1000 Ω Balco						
TE-702-A-◆-□	1	23.10	7.70	7.70	7.70	E22
TE-702-B-◆-□	1	27.30	9.10	9.10	9.10	E22
TE-702-C-◆-□	1	52.50	17.50	17.50	17.50	E22
□ Probe length: A = 4" B = 6" C = 8" D = 12"						
◆ insert code for desired thermistor value: [7] = 10K Ω, type 3, [10] = 3K Ω, [12] = 10K Ω, type 2, [13] = 5K Ω, [15] = 100K Ω, [17] = 20K Ω, [18] = 2252 Ω, [21] = 1800 Ω						
TE-702-A-◆-□	1	27.30	9.10	9.10	9.10	E22
TE-702-B-◆-□	1	31.50	10.50	10.50	10.50	E22
TE-702-C-◆-□	1	56.70	18.90	18.90	18.90	E22
□ Probe length: A = 4" B = 6" C = 8" D = 12"						
◆ insert code for desired RTD value: [1] = 100 Ω Platinum, [3] = 1000 Ω Platinum, [4] = 1000 Ω Nickel Iron, [5] = 1000 Ω Balco						
TE-703-A-◆-A-1	1	25.20	8.40	8.40	8.40	E24
TE-703-A-◆-A-2	1	25.20	8.40	8.40	8.40	E24
TE-703-A-◆-A-3	1	25.20	8.40	8.40	8.40	E24
TE-703-B-◆-A-1	1	25.20	8.40	8.40	8.40	E24
TE-703-B-◆-A-2	1	25.20	8.40	8.40	8.40	E24
TE-703-B-◆-A-3	1	25.20	8.40	8.40	8.40	E24
TE-703-C-◆-A-1	1	29.40	9.80	9.80	9.80	E24
TE-703-C-◆-A-2	1	29.40	9.80	9.80	9.80	E24
TE-703-C-◆-A-3	1	29.40	9.80	9.80	9.80	E24
TE-703-D-◆-A-1	1	54.60	18.20	18.20	18.20	E24
TE-703-D-◆-A-2	1	54.60	18.20	18.20	18.20	E24
TE-703-D-◆-A-3	1	54.60	18.20	18.20	18.20	E24
◆ insert code for desired thermistor value: [7] = 10K Ω, type 3, [10] = 3K Ω, [12] = 10K Ω, type 2, [13] = 5K Ω, [15] = 100K Ω, [17] = 20K Ω, [18] = 2252 Ω, [21] = 1800 Ω						
TE-703-A-◆-A-1	1	29.40	9.80	9.80	9.80	E24
TE-703-A-◆-A-2	1	29.40	9.80	9.80	9.80	E24
TE-703-A-◆-A-3	1	29.40	9.80	9.80	9.80	E24
TE-703-B-◆-A-1	1	29.40	9.80	9.80	9.80	E24
TE-703-B-◆-A-2	1	29.40	9.80	9.80	9.80	E24
TE-703-B-◆-A-3	1	29.40	9.80	9.80	9.80	E24
TE-703-C-◆-A-1	1	33.60	11.20	11.20	11.20	E24
TE-703-C-◆-A-2	1	33.60	11.20	11.20	11.20	E24
◆ insert code for desired RTD value: [1] = 100 Ω Platinum, [3] = 1000 Ω Platinum, [4] = 1000 Ω Nickel Iron, [5] = 1000 Ω Balco						

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
TE-703-C-◆-A-3	1	33.60	11.20	11.20	11.20	E24
TE-703-D-◆-A-1	1	58.80	19.60	19.60	19.60	E24
TE-703-D-◆-A-2	1	58.80	19.60	19.60	19.60	E24
TE-703-D-◆-A-3	1	58.80	19.60	19.60	19.60	E24
◆ insert code for desired RTD value: [1] = 100 Ω Platinum, [3] = 1000 Ω Platinum, [4] = 1000 Ω Nickel Iron, [5] = 1000 Ω Balco						
TE-703-A-◆-B-1	1	25.20	8.40	8.40	8.40	E24
TE-703-A-◆-B-2	1	25.20	8.40	8.40	8.40	E24
TE-703-A-◆-B-3	1	25.20	8.40	8.40	8.40	E24
TE-703-B-◆-B-1	1	25.20	8.40	8.40	8.40	E24
TE-703-B-◆-B-2	1	25.20	8.40	8.40	8.40	E24
TE-703-B-◆-B-3	1	25.20	8.40	8.40	8.40	E24
TE-703-C-◆-B-1	1	29.40	9.80	9.80	9.80	E24
◆ insert code for desired thermistor value: [7] = 10K Ω, type 3, [10] = 3K Ω, [12] = 10K Ω, type 2, [13] = 5K Ω, [15] = 100K Ω, [17] = 20K Ω, [18] = 2252 Ω, [21] = 1800 Ω						
TE-703-C-◆-B-2	1	29.40	9.80	9.80	9.80	E24
TE-703-C-◆-B-3	1	29.40	9.80	9.80	9.80	E24
TE-703-D-◆-B-1	1	54.60	18.20	18.20	18.20	E24
TE-703-D-◆-B-2	1	54.60	18.20	18.20	18.20	E24
TE-703-D-◆-B-3	1	54.60	18.20	18.20	18.20	E24
◆ insert code for desired thermistor value: [7] = 10K Ω, type 3, [10] = 3K Ω, [12] = 10K Ω, type 2, [13] = 5K Ω, [15] = 100K Ω, [17] = 20K Ω, [18] = 2252 Ω, [21] = 1800 Ω						
TE-703-A-◆-B-1	1	29.40	9.80	9.80	9.80	E24
TE-703-A-◆-B-2	1	29.40	9.80	9.80	9.80	E24
TE-703-A-◆-B-3	1	29.40	9.80	9.80	9.80	E24
TE-703-B-◆-B-1	1	29.40	9.80	9.80	9.80	E24
TE-703-B-◆-B-2	1	29.40	9.80	9.80	9.80	E24
TE-703-B-◆-B-3	1	29.40	9.80	9.80	9.80	E24
TE-703-C-◆-B-1	1	33.60	11.20	11.20	11.20	E24
TE-703-C-◆-B-2	1	33.60	11.20	11.20	11.20	E24
TE-703-C-◆-B-3	1	33.60	11.20	11.20	11.20	E24
TE-703-D-◆-B-1	1	58.80	19.60	19.60	19.60	E24
TE-703-D-◆-B-2	1	58.80	19.60	19.60	19.60	E24
TE-703-D-◆-B-3	1	58.80	19.60	19.60	19.60	E24
◆ insert code for desired RTD value: [1] = 100 Ω Platinum, [3] = 1000 Ω Platinum, [4] = 1000 Ω Nickel Iron, [5] = 1000 Ω Balco						
TE-703-A-◆-C-1	1	25.20	8.40	8.40	8.40	E24
TE-703-A-◆-C-2	1	25.20	8.40	8.40	8.40	E24
TE-703-A-◆-C-3	1	25.20	8.40	8.40	8.40	E24
TE-703-B-◆-C-1	1	25.20	8.40	8.40	8.40	E24
TE-703-B-◆-C-2	1	25.20	8.40	8.40	8.40	E24
TE-703-B-◆-C-3	1	25.20	8.40	8.40	8.40	E24
TE-703-C-◆-C-1	1	29.40	9.80	9.80	9.80	E24
TE-703-C-◆-C-2	1	29.40	9.80	9.80	9.80	E24
TE-703-C-◆-C-3	1	29.40	9.80	9.80	9.80	E24
TE-703-D-◆-C-1	1	54.60	18.20	18.20	18.20	E24
TE-703-D-◆-C-2	1	54.60	18.20	18.20	18.20	E24
TE-703-D-◆-C-3	1	54.60	18.20	18.20	18.20	E24
◆ insert code for desired thermistor value: [7] = 10K Ω, type 3, [10] = 3K Ω, [12] = 10K Ω, type 2, [13] = 5K Ω, [15] = 100K Ω, [17] = 20K Ω, [18] = 2252 Ω, [21] = 1800 Ω						
TE-703-A-◆-C-1	1	29.40	9.80	9.80	9.80	E24
TE-703-A-◆-C-2	1	29.40	9.80	9.80	9.80	E24
TE-703-A-◆-C-3	1	29.40	9.80	9.80	9.80	E24
TE-703-B-◆-C-1	1	29.40	9.80	9.80	9.80	E24
TE-703-B-◆-C-2	1	29.40	9.80	9.80	9.80	E24
TE-703-B-◆-C-3	1	29.40	9.80	9.80	9.80	E24
TE-703-C-◆-C-1	1	33.60	11.20	11.20	11.20	E24
TE-703-C-◆-C-2	1	33.60	11.20	11.20	11.20	E24
TE-703-C-◆-C-3	1	33.60	11.20	11.20	11.20	E24
TE-703-D-◆-C-1	1	58.80	19.60	19.60	19.60	E24
TE-703-D-◆-C-2	1	58.80	19.60	19.60	19.60	E24
TE-703-D-◆-C-3	1	58.80	19.60	19.60	19.60	E24
◆ insert code for desired RTD value: [1] = 100 Ω Platinum, [3] = 1000 Ω Platinum, [4] = 1000 Ω Nickel Iron, [5] = 1000 Ω Balco						
TE-704-A-◆	1	21.00	7.00	7.00	7.00	E23
◆ insert code for desired thermistor value: [7] = 10K Ω, type 3, [10] = 3K Ω, [12] = 10K Ω, type 2, [13] = 5K Ω, [15] = 100K Ω, [17] = 20K Ω, [18] = 2252 Ω, [21] = 1800 Ω						

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
TE-704-A-◆	1	25.20	8.40	8.40	8.40	E23
◆ insert code for desired RTD value: [1] = 100 Ω Platinum, [3] = 1000 Ω Platinum, [4] = 1000 Ω Nickel Iron, [5] = 1000 Ω Balco						
TE-704-B-◆	1	27.30	9.10	9.10	9.10	E23
TE-704-C-◆	1	29.40	9.80	9.80	9.80	E23
TE-704-D-◆	1	54.60	18.20	18.20	18.20	E23
◆ insert code for desired thermistor value: [7] = 10K Ω, type 3, [10] = 3K Ω, [12] = 10K Ω, type 2, [13] = 5K Ω, [15] = 100K Ω, [17] = 20K Ω, [18] = 2252 Ω, [21] = 1800 Ω						
TE-704-B-◆	1	31.50	10.50	10.50	10.50	E23
TE-704-C-◆	1	33.60	11.20	11.20	11.20	E23
TE-704-D-◆	1	58.80	19.60	19.60	19.60	E23
◆ insert code for desired RTD value: [1] = 100 Ω Platinum, [3] = 1000 Ω Platinum, [4] = 1000 Ω Nickel Iron, [5] = 1000 Ω Balco						
TE-705-A-◆-A-2	1	105.00	35.00	35.00	35.00	E23
TE-705-B-◆-A-1	1	126.00	42.00	42.00	42.00	E23
TE-705-B-◆-A-2	1	105.00	35.00	35.00	35.00	E23
TE-705-C-◆-A-1	1	151.20	50.40	50.40	50.40	E23
TE-705-C-◆-A-2	1	130.20	43.40	43.40	43.40	E23
◆ insert code for desired thermistor value: [7] = 10K Ω, type 3, [10] = 3K Ω, [12] = 10K Ω, type 2, [13] = 5K Ω, [15] = 100K Ω, [17] = 20K Ω, [18] = 2252 Ω, [21] = 1800 Ω						
TE-705-A-◆-A-2	1	121.80	40.60	40.60	40.60	E23
TE-705-B-◆-A-1	1	142.80	47.60	47.60	47.60	E23
TE-705-B-◆-A-2	1	121.80	40.60	40.60	40.60	E23
TE-705-C-◆-A-1	1	168.00	56.00	56.00	56.00	E23
TE-705-C-◆-A-2	1	147.00	49.00	49.00	49.00	E23
u insert code for desired RTD value: [1] = 100 Ω Platinum, [3] = 1000 Ω Platinum, [4] = 1000 Ω Nickel Iron, [5] = 1000 Ω Balco						
TE-705-A-◆-B-2	1	113.40	37.80	37.80	37.80	E23
TE-705-B-◆-B-1	1	134.40	44.80	44.80	44.80	E23
TE-705-B-◆-B-2	1	113.40	37.80	37.80	37.80	E23
TE-705-C-◆-B-1	1	159.60	53.20	53.20	53.20	E23
TE-705-C-◆-B-2	1	138.60	46.20	46.20	46.20	E23
◆ insert code for desired thermistor value: [7] = 10K Ω, type 3, [10] = 3K Ω, [12] = 10K Ω, type 2, [13] = 5K Ω, [15] = 100K Ω, [17] = 20K Ω, [18] = 2252 Ω, [21] = 1800 Ω						
TE-705-A-◆-B-2	1	130.20	43.40	43.40	43.40	E23
TE-705-B-◆-B-1	1	151.20	50.40	50.40	50.40	E23
TE-705-B-◆-B-2	1	130.20	43.40	43.40	43.40	E23
TE-705-C-◆-B-1	1	176.40	58.80	58.80	58.80	E23
TE-705-C-◆-B-2	1	155.40	51.80	51.80	51.80	E23
◆ insert code for desired RTD value: [1] = 100 Ω Platinum, [3] = 1000 Ω Platinum, [4] = 1000 Ω Nickel Iron, [5] = 1000 Ω Balco						
TE-705-A-◆-C-2	1	126.00	42.00	42.00	42.00	E23
TE-705-B-◆-C-1	1	147.00	49.00	49.00	49.00	E23
TE-705-B-◆-C-2	1	126.00	42.00	42.00	42.00	E23
TE-705-C-◆-C-1	1	172.20	57.40	57.40	57.40	E23
TE-705-C-◆-C-2	1	151.20	50.40	50.40	50.40	E23
◆ insert code for desired thermistor value: [7] = 10K Ω, type 3, [10] = 3K Ω, [12] = 10K Ω, type 2, [13] = 5K Ω, [15] = 100K Ω, [17] = 20K Ω, [18] = 2252 Ω, [21] = 1800 Ω						
TE-705-A-◆-C-2	1	142.80	47.60	47.60	47.60	E23
TE-705-B-◆-C-1	1	163.80	54.60	54.60	54.60	E23
TE-705-B-◆-C-2	1	142.80	47.60	47.60	47.60	E23
TE-705-C-◆-C-1	1	189.00	63.00	63.00	63.00	E23
TE-705-C-◆-C-2	1	168.00	56.00	56.00	56.00	E23
◆ insert code for desired thermistor value: [1] = 100 Ω Platinum, [3] = 1000 Ω Platinum, [4] = 1000 Ω Nickel Iron, [5] = 1000 Ω Balco						
TG-2000	1	66.00	22.00	22.00	22.00	---
THE-1105	1	267.00	89.00	84.00	84.00	E25
TPB-202-0	1	195.30	65.10	61.20	61.20	---
TPB-202-1	1	206.40	68.80	64.70	64.70	---
TPB-303-0	1	220.20	73.40	69.00	69.00	---
TPB-303-1	1	228.60	76.20	71.70	71.70	---
TPC-1002	1	339.60	113.20	110.00	110.00	P12
TPC-1003	1	384.75	128.25	124.70	124.70	P12
TPE-1001	1	257.40	85.80	78.00	78.00	E20,P3
TR100VA001	1	66.60	22.20	21.50	21.50	E16
TR100VA004	1	71.70	23.90	23.00	23.00	E16
TR150VA001	1	82.50	27.50	26.20	26.20	E16

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
TR175VA002	1	94.20	31.40	29.90	29.90	E16
TR20VA001	1	21.60	7.20	6.90	6.90	E16
TR20VA003	1	21.60	7.20	6.90	6.90	---
TR20VA007	1	21.60	7.20	6.90	6.90	E16
TR240VA001	1	124.50	41.50	39.50	39.50	E16
TR375VA001	1	141.00	47.00	44.80	44.80	E16
TR40VA001	1	25.50	8.50	7.90	7.90	E16
TR40VA002	1	26.40	8.80	8.50	8.50	E16
TR40VA003	1	29.40	9.80	9.50	9.50	---
TR40VA004	1	26.40	8.80	8.50	8.50	E16
TR50VA001	1	31.20	10.40	9.90	9.90	E16
TR50VA002	1	33.30	11.10	10.50	10.50	E16
TR50VA004	1	46.80	15.60	14.90	14.90	E16
TR50VA005	1	44.10	14.70	14.00	14.00	---
TR50VA006	1	40.50	13.50	12.90	12.90	---
TR50VA007	1	41.10	13.70	13.00	13.00	---
TR50VA014	1	45.60	15.20	14.50	14.50	E16
TR50VA015	1	48.30	16.10	15.30	15.30	E16
TR75VA001	1	56.40	18.80	17.90	17.90	E16
TR75VA002	1	58.20	19.40	18.50	18.50	---
TR75VA003	1	58.20	19.40	18.50	18.50	E16
TR75VA005	1	62.40	20.80	19.80	19.80	E16
TSC-2001	1	117.60	39.20	35.60	35.60	P12
TSC-2002	1	117.60	39.20	35.60	35.60	P12
TSC-2003	1	117.60	39.20	35.60	35.60	P12
TSC-2004	1	117.60	39.20	35.60	35.60	P12
TSC-2005	1	117.60	39.20	35.60	35.60	P12
TSP-5002	1	533.10	177.70	161.50	161.50	---
TSP-5003	1	479.70	159.90	145.40	145.40	---
TSP-5022	1	533.10	177.70	161.50	161.50	---
TSP-5023	1	479.70	159.90	145.40	145.40	---
TTC-1003	1	293.10	97.70	88.80	88.80	P12
TTC-1004	1	293.10	97.70	88.80	88.80	P12
TTC-1005	1	293.10	97.70	88.80	88.80	P12
TTC-1006	1	293.10	97.70	88.80	88.80	P12
TTC-1507	1	346.20	115.40	104.90	104.90	P12
TTC-2003	1	346.20	115.40	104.90	104.90	P12
TTC-2004	1	346.20	115.40	104.90	104.90	P12
TTC-2005	1	346.20	115.40	104.90	104.90	P12
TTC-3001	1	80.10	26.70	24.30	24.30	P12
U						
UB-42	25	20.40	6.80	6.30	6.30	P18
UB-62	25	31.50	10.50	10.00	10.00	P18
UB-64	25	31.50	10.50	10.00	10.00	P18
UB-82	25	53.70	17.90	16.80	16.80	P18
UB-84	25	39.60	13.20	12.10	12.10	P18
UB-86	25	39.60	13.20	12.10	12.10	P18
UB-94	10	58.50	19.50	18.40	18.40	P18
UC-22	25	48.90	16.30	15.30	15.30	P18
UC-44	25	72.60	24.20	21.10	21.10	P18
UDL-22	10	124.80	41.60	39.00	39.00	P18
UK-2222	10	85.20	28.40	26.90	26.90	---
UK-4444	10	142.20	47.40	45.30	45.30	---
UL-22	10	44.10	14.70	14.20	14.20	---
UL-44	25	94.80	31.60	30.00	30.00	P18
ULS-22	50	72.60	24.20	23.20	23.20	P18
ULS-44	25	64.80	21.60	20.00	20.00	---
UN-22	50	44.10	14.70	13.70	13.70	P18
UN-22S	25	25.20	8.40	7.90	7.90	P18
UN-44L	10	31.50	10.50	9.50	9.50	P18
UN-44S	25	44.10	14.70	13.70	13.70	P18
UN-66L	10	44.10	14.70	13.70	13.70	P18
UN-88L	10	52.20	17.40	15.80	15.80	---
UT-222	25	142.20	47.40	45.30	45.30	P18
UT-444	25	88.50	29.50	27.40	27.40	P18
UT-1001	1	28.80	9.60	8.80	8.80	---
UT-3001	1	29.70	9.90	9.00	9.00	---
UT-6001	1	32.70	10.90	9.90	9.90	---
UT-8001	1	32.70	10.90	9.90	9.90	---
UX-2	50	28.50	9.50	9.00	9.00	P18

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
UX-2C	25	33.30	11.10	9.50	9.50	---
UX-4	50	97.80	32.60	31.10	31.10	P18
UX-4C	25	71.10	23.70	21.60	21.60	---
V						
VCP11-150141	1	(see www.dynacononline.com)				V2
VCP11-150142	1	(see www.dynacononline.com)				V2
VCP11-160141	1	(see www.dynacononline.com)				V2
VCP11-160142	1	(see www.dynacononline.com)				V2
VCP11-170141	1	(see www.dynacononline.com)				V2
VCP11-170142	1	(see www.dynacononline.com)				V2
VCP11-180141	1	(see www.dynacononline.com)				V2
VCP11-180142	1	(see www.dynacononline.com)				V2
VCP21-150141	1	(see www.dynacononline.com)				V2
VCP21-150142	1	(see www.dynacononline.com)				V2
VCP21-160141	1	(see www.dynacononline.com)				V2
VCP21-160142	1	(see www.dynacononline.com)				V2
VCP21-170141	1	(see www.dynacononline.com)				V2
VCP21-170142	1	(see www.dynacononline.com)				V2
VCP34 Series	1	(see www.dynacononline.com)				---
VCP41 Series	1	(see www.dynacononline.com)				V4
VCP42 Series	1	(see www.dynacononline.com)				V4
VCP43 Series	1	(see www.dynacononline.com)				---
VCP61 Series	1	(see www.dynacononline.com)				V2
VCP62 Series	1	(see www.dynacononline.com)				V2
VCP63 Series	1	(see www.dynacononline.com)				V2
VEP11-140186	1	(see www.dynacononline.com)				V1
VEP11-150186	1	(see www.dynacononline.com)				V1
VEP11-170186	1	(see www.dynacononline.com)				V1
VEP12-150186	1	(see www.dynacononline.com)				V1
VEP12-170186	1	(see www.dynacononline.com)				V1
VEP15-140194	1	(see www.dynacononline.com)				V1
VEP15-140195	1	(see www.dynacononline.com)				V1
VEP15-150194	1	(see www.dynacononline.com)				V1
VEP15-150195	1	(see www.dynacononline.com)				V1
VEP15-170194	1	(see www.dynacononline.com)				V1
VEP15-170195	1	(see www.dynacononline.com)				V1
VEP25 Series	1	(see www.dynacononline.com)				V1
VEP43-31-xxxx through VEP43-36-xxxx	1	(see www.dynacononline.com)				V4
VEP43AB-[]895	1	(see www.dynacononline.com)				V3
VEP43AD-[]906	1	(see www.dynacononline.com)				V3
VEP43AB-[]915	1	(see www.dynacononline.com)				V3
VEP43AE-[]926	1	(see www.dynacononline.com)				V3
[] insert code for desired Cv rating: [B] = 0.6 [C] = 1.0 [D] = 2.4 [E] = 4.3 [F] = 8.0						
VEP43BD-[]895	1	(see www.dynacononline.com)				V3
VEP43BD-[]906	1	(see www.dynacononline.com)				V3
VEP43BD-[]915	1	(see www.dynacononline.com)				V3
VEP43BD-[]926	1	(see www.dynacononline.com)				V3
[] insert code for desired Cv rating: [D] = 2.4 [E] = 3.8 [F] = 12.6						
VEP43C[]-B895	1	(see www.dynacononline.com)				V3
VEP43C[]-B906	1	(see www.dynacononline.com)				V3
VEP43C[]-B915	1	(see www.dynacononline.com)				V3
VEP43C[]-B926	1	(see www.dynacononline.com)				V3
[] insert code for desired Cv rating: [G] = 8.6 [H] = 22.3						
VEP43D[]-B895	1	(see www.dynacononline.com)				V3
VEP43D[]-B906	1	(see www.dynacononline.com)				V3
VEP43D[]-B915	1	(see www.dynacononline.com)				V3
VEP43D[]-B926	1	(see www.dynacononline.com)				V3
[] insert code for desired Cv rating: [C] = 12.7 [F] = 34.1						
VEP43E[]-B895	1	(see www.dynacononline.com)				V3
VEP43E[]-B906	1	(see www.dynacononline.com)				V3
VEP43E[]-B915	1	(see www.dynacononline.com)				V3
VEP43E[]-B926	1	(see www.dynacononline.com)				V3
[] insert code for desired Cv rating: [E] = 23.5 [F] = 61.1						

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
VEP43F[]-B895	1	(see www.dynacononline.com)				V3
VEP43F[]-B906	1	(see www.dynacononline.com)				V3
VEP43F[]-B915	1	(see www.dynacononline.com)				V3
VEP43F[]-B926	1	(see www.dynacononline.com)				V3
[] insert code for desired Cv rating: [C] = 38.2 [D] = 108.5						
VEP45-31-xxxx through	1	(see www.dynacononline.com)				V4
VEP45A[]-B895	1	(see www.dynacononline.com)				V3
VEP45A[]-B906	1	(see www.dynacononline.com)				V3
VEP45A[]-B915	1	(see www.dynacononline.com)				V3
VEP45A[]-B926	1	(see www.dynacononline.com)				V3
For stainless steel ball & stem, replace 'B' with 'S' and contact Dynacon for pricing [] insert code for desired Cv rating: [1] = 0.38 [2] = 0.68 [3] = 1.3 [4] = 2.6 [5] = 4.7 [6] = 11.7						
VEP45B[]-B895	1	(see www.dynacononline.com)				V3
VEP45B[]-B906	1	(see www.dynacononline.com)				V3
VEP45B[]-B915	1	(see www.dynacononline.com)				V3
VEP45B[]-B926	1	(see www.dynacononline.com)				V3
For stainless steel ball & stem, replace 'B' with 'S' and contact Dynacon for pricing [] insert code for desired Cv rating: [1] = 2.5 [2] = 4.3 [3] = 14.7 [4] = 10.1						
VEP45C[]-B895	1	(see www.dynacononline.com)				V3
VEP45C[]-B906	1	(see www.dynacononline.com)				V3
VEP45C[]-B915	1	(see www.dynacononline.com)				V3
VEP45C[]-B926	1	(see www.dynacononline.com)				V3
For stainless steel ball & stem, replace 'B' with 'S' and contact Dynacon for pricing [] insert code for desired Cv rating: [1] = 9.0 [2] = 28.4 [3] = 15.3						
VEP45D[]-B895	1	(see www.dynacononline.com)				V3
VEP45D[]-B906	1	(see www.dynacononline.com)				V3
VEP45D[]-B915	1	(see www.dynacononline.com)				V3
VEP45D[]-B926	1	(see www.dynacononline.com)				V3
For stainless steel ball & stem, replace 'B' with 'S' and contact Dynacon for pricing [] insert code for desired Cv rating: [1] = 14.9 [2] = 41.1 [3] = 36.5						
VEP45E[]-B895	1	(see www.dynacononline.com)				V3
VEP45E[]-B906	1	(see www.dynacononline.com)				V3
VEP45E[]-B915	1	(see www.dynacononline.com)				V3
VEP45E[]-B926	1	(see www.dynacononline.com)				V3
For stainless steel ball & stem, replace 'B' with 'S' and contact Dynacon for pricing [] insert code for desired Cv rating: [1] = 22.8 [2] = 73.9 [3] = 41.3						
VEP45F[]-B895	1	(see www.dynacononline.com)				V3
VEP45F[]-B906	1	(see www.dynacononline.com)				V3
VEP45F[]-B915	1	(see www.dynacononline.com)				V3
VEP45F[]-B926	1	(see www.dynacononline.com)				V3
For stainless steel ball & stem, replace 'B' with 'S' and contact Dynacon for pricing [] insert code for desired Cv rating: [1] = 41.7 [2] = 108.5 [3] = 71.1						
VEP83A - F 3-WAY SWEAT BALL VALVES	1	(see www.dynacononline.com)				---
VEP85A - F 2-WAY SWEAT BALL VALVES	1	(see www.dynacononline.com)				---
VEP-558 Series	1	(see www.dynacononline.com)				V7
VEP-559 Series	1	(see www.dynacononline.com)				V7
VEP-568 Series	1	(see www.dynacononline.com)				V7
VEP-569 Series	1	(see www.dynacononline.com)				V7
VEP3420-0195	1	(see www.dynacononline.com)				---
VEP5300 Series	1	(see www.dynacononline.com)				V5
VEP5400 Series	1	(see www.dynacononline.com)				V5
VEP5500 Series	1	(see www.dynacononline.com)				V5

MODEL NO.	Pkg Qty	LIST	1-5	6-49	50-Up	Cat Pg
VEP5800 Series	1	(see www.dynacononline.com)				V5
VM-575	1	600.00	200.00	200.00	200.00	E27
VTD-0803	1	10.50	3.50	3.00	3.00	P7
VTD-0804	1	10.50	3.50	3.00	3.00	E32,P7
VTD-12	1	11.70	3.90	3.20	3.20	E32,P7
VTD-18	1	11.70	3.90	3.30	3.30	E32,P7
VTD-24	1	13.50	4.50	3.70	3.70	E32,P7
VTD-36	1	18.00	6.00	5.00	5.00	E32,P7
VTD-48	1	21.60	7.20	6.00	6.00	E32,P7
VTD-1007	10	168.00	56.00	51.00	51.00	P7
VTD-1100	10	69.00	23.00	21.00	21.00	P7
VTD-1151	5	91.50	30.50	30.50	30.50	P7
VTD-1153	5	91.50	30.50	30.50	30.50	P7
VTD-1205	1	5.70	1.90	1.70	1.70	P7
VTD-1403	1	18.00	6.00	4.50	4.50	E32,P7
VTD-1404	1	18.00	6.00	4.50	4.50	E32,P7
VTD-1405	1	18.00	6.00	4.50	4.50	E32,P7
VTD-1406	1	18.00	6.00	4.50	4.50	E32,P7
VTD-1414	1	18.00	6.00	4.50	4.50	E32,P7
VTD-1415	1	18.00	6.00	4.50	4.50	E32,P7
VTD-1500	1	25.80	8.60	7.80	7.80	P7
VTD-1809	1	3.60	1.20	1.10	1.10	P7
VTD-2250	1	50.70	16.90	15.40	15.40	P7
VTD-2251	1	50.70	16.90	15.40	15.40	P7
VTD-2252	1	50.70	16.90	15.40	15.40	P7
VTD-2253	1	50.70	16.90	15.40	15.40	P7
VTD-2254	1	50.70	16.90	15.40	15.40	P7
VTD-2256	1	50.70	16.90	15.40	15.40	P7
VTD-2261	1	50.70	16.90	15.40	15.40	P7
VTD-2262	1	50.70	16.90	15.40	15.40	P7
VTD-2263	1	50.70	16.90	15.40	15.40	P7
VTD-2264	1	50.70	16.90	15.40	15.40	P7
VTD-2266	1	50.70	16.90	15.40	15.40	P7
VTD-9422	1	31.50	10.50	9.50	9.50	P7
VTD-9423	1	42.00	14.00	12.70	12.70	P7
VTD-9424	1	54.90	18.30	16.60	16.60	P7
VTD-9426	1	95.70	31.90	29.00	29.00	P7
W						
WP-1	1	114.00	38.00	38.00	38.00	E29
WP-2000	1	114.00	38.00	38.00	38.00	E29
X						
XEC-3001	1	267.00	89.00	81.00	81.00	E20,P3
XEC-3001-G	1	279.00	93.00	85.00	85.00	E20,P3
XEC-3004	1	324.00	108.00	99.00	99.00	E20,P3
XEC-3004-G	1	336.00	112.00	103.00	103.00	E20,P3
XEE-1501	1	156.30	52.10	47.40	47.40	E20
XEE-5002	1	156.30	25.00	22.70	22.70	E18
Y						
YEC-1101	1	309.00	103.00	94.00	94.00	E20,P3
YMC-1001	1	77.70	25.90	23.50	23.50	P9
YMC-2001	1	93.00	31.00	28.20	28.20	P9
YMC-2002	1	93.00	31.00	28.20	28.20	P9
YMC-3001	1	93.00	31.00	28.20	28.20	P9
YMC-3002	1	93.00	31.00	28.20	28.20	P9
YMC-6001	1	93.00	31.00	28.20	28.20	P9

DYNACON INC

Product Catalog and Price List

ELECTRIC CONTROLS SECTION

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SPRING WOUND MANUAL TIMERS		E33

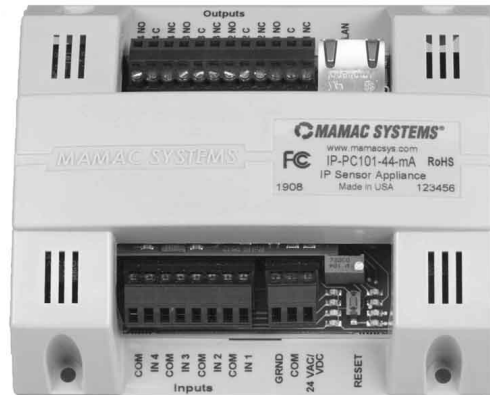
Web-Based Controller

Maverick

IP Sensor Appliance
from MAMAC Systems

Web-Based Controller with

- ◆ a web server
- ◆ analog/digital inputs
- ◆ relay outputs



ANYONE WHO CAN SURF THE WEB NOW CAN DO SENSOR MONITORING, LOAD CONTROL, DATA LOGGING AND EMAIL ALERTS WITHOUT ANY TRAINING OR CUSTOM SOFTWARE.

ALL YOU NEED IS A WEB BROWSER RUNNING ON ANY LAPTOP, PDA, OR CELL PHONE ANYWHERE IN THE WORLD.

POWER THE MAVERICK WITH ANY 24 VAC TRANSFORMER, PLUG IT INTO A HUB/ROUTER, LAUNCH ANY WEB BROWSER, PUNCH IN THE DEFAULT IP AND CONNECT. YOU ARE NOW READY TO USE THE INTUITIVE AND FAMILIAR NAVIGATION OF YOUR BROWSER TO CONFIGURE AND UTILIZE THE APPLIANCE.

INPUTS & OUTPUTS

- ✧ Two I/O versions: 4 analog or digital inputs and 4 relay outputs; or, 8 analog or digital inputs and no outputs
- ✧ On Voltage input models, the appliance can be field configured for 0-5 or 0-10 VDC inputs
- ✧ On versions with relay outputs, any input can be assigned to control relays 1 through 4
- ✧ An output can be controlled by an input and/or by time based control
- ✧ Analog inputs may be temperature, pressure, or humidity transmitters, or other instruments with 0-5/0-10 VDC or 4-20 mA outputs
- ✧ Digital inputs could include relay or controller contacts monitoring pumps, fans, etc.

BROWSER INITIATED MANUAL CONTROL

- ✧ Any output can be controlled remotely with a web browser running on a laptop, cell phone or PDA
- ✧ If an email alert is received, the user can remotely control the output manually until the situation is corrected on-site

EMAIL ALERTS

- ✧ Provides a user friendly email alert capability
- ✧ Alerts can be sent to up to two email addresses
- ✧ Email alerts can be configured on all inputs
- ✧ A comma separated log file can be attached to the email alert, allowing the user to not only receive an alert but also to parse the log file and know why the alert was sent
- ✧ Alerts can be set to initiate on a power outage and log the times when power was lost and restored, including a time stamp of events

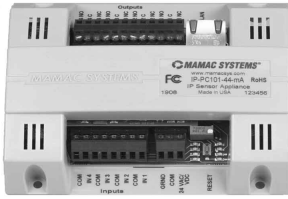
DATA LOGGING

- ✧ Up to 2048 samples can be logged for each input
- ✧ The logging interval can be configured to be from 1 second to 99.99 hours
- ✧ Data is logged in a standard CSV file and can be reviewed with Notepad, Wordpad, Excel or other software which opens comma separated files
- ✧ The *Maverick* also uses a JavaScript which runs on the web browser to display the logged data as a graph

Web-Based Controller

Maverick

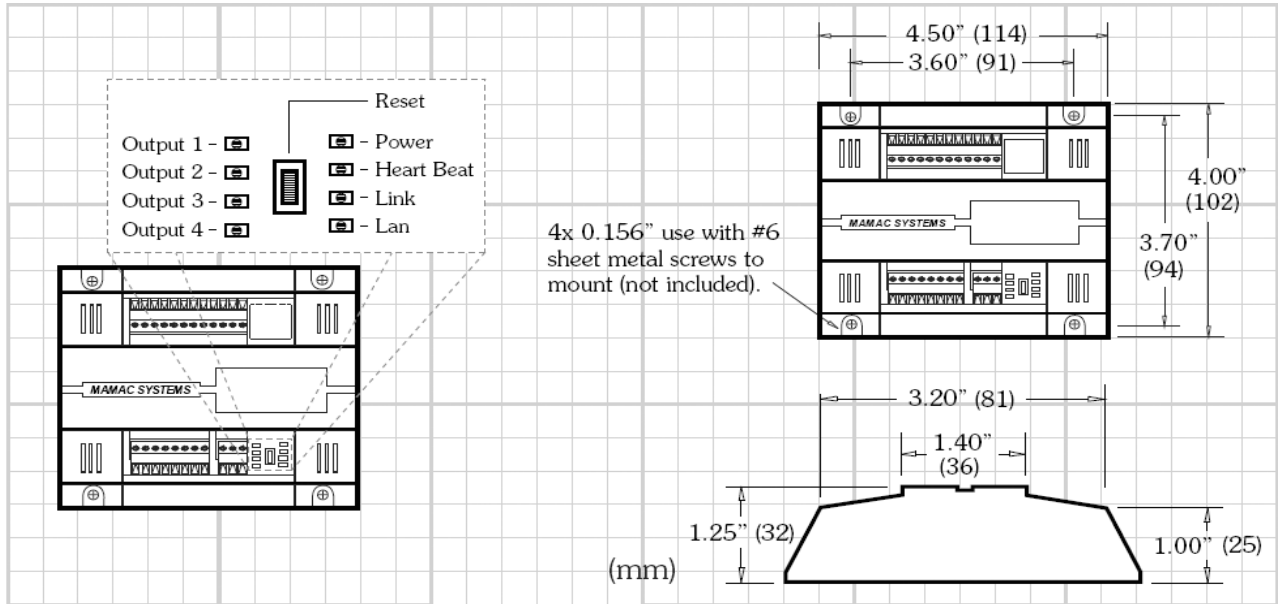
IP Sensor Appliance from MAMAC Systems



Ideal low cost solution for light commercial, residential and remote monitoring applications. Can also be used to enhance existing HVAC control systems by adding email alerts and data logging to critical points.

Supply Voltage: 24 VAC/VDC
 Supply Current: 250 mA (6 VA)
 Input Impedance:
 VDC or Digital Input: 125K ohms
 4-20 mA Input: 250 ohms
 Digital Input: 10 VDC maximum
 Output Relay Rating: 5 A @ 250 VAC, UL
 Ethernet: 10-Base T
 IP Assignment: Static or DHCP
 Data Logging: 2048 samples per input
 Logging Interval: 1.0 second to 99.99 hours

Email: SMTP to two email addresses
 Environment: 10-90% RH, non-condensing
 Operating Ambient: -40°F to 125°F (-40°C to 52°C)
 Storage Ambient: -40°F to 150°F (-40°C to 66°C)
 Enclosure: UL94V-5-O polycarbonate plastic
 Terminations: removable terminal blocks, 16 Ga. maximum; RJ-45 Ethernet jack
 Weight: 0.5 lbs (0.25 kg)
 Compliance: RoHS
 Conformance: FCC Part 15, Subpart B;
 EMC/EMI Testing



Supply Voltage	Outputs	Inputs	Dynacon Part No.	Price Each	
				1 - 5	6 - Up
24 VAC/VDC	(4) relay	(4) 4-20 mA 2-wire or (4) digital	IP-PC101-44-mA	275.00	225.00
24 VAC/VDC	(4) relay	(4) 0-5/0-10 VDC or (4) digital	IP-PC101-44-VDC	275.00	225.00
24 VAC/VDC	---	(8) 4-20 mA 2-wire or (8) digital	IP-PC101-80-mA	245.00	195.00
24 VAC/VDC	---	(8) 0-5/0-10 VDC or (8) digital	IP-PC101-80-VDC	245.00	195.00

To view data sheets or purchase online, go to www.dynacononline.com

ELECTRONIC CSP-5001 Series

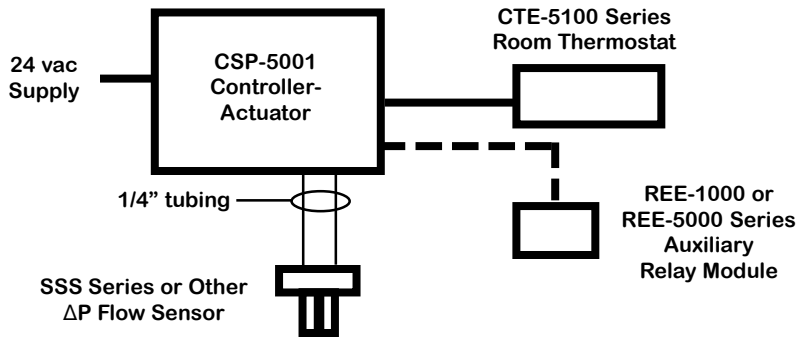
VAV TERMINAL UNIT CONTROL SYSTEM

System Configurations

Pressure Independent

BASIC CONTROL LOGIC

1. In response to space temperature, the room thermostat sends a 0 to 10 vdc “desired air flow” signal to the CSP-5001 controller-actuator.
2. The controller-actuator compares this “desired air flow” signal to “actual air flow” as derived electronically from its onboard flow-through sensor which is connected to the SSS duct sensor or other ΔP pick-up.
3. The controller-actuator drives the VAV damper box open or closed as required to match airflow requirements.



For individual model specifications, see following pages in this section.

- Airflow sensed by using single or multi-point differential (velocity) pressure airflow sensor.
- CSP-5001 onboard flow-through sensor electronically measures air velocity in the duct.
- Airflow velocity flow limits set at either the thermostat or at the CSP-5001 controller-actuator.
- CSP-5001 direct couples to damper shaft; has adjustable stroke, LED, and manual clutch.
- REE series relay modules available for reheat, heating/cooling changeover, and other applications.

TYPICAL CSP-5001 SERIES SYSTEM CONFIGURATIONS

Single Duct Cooling with Airflow Limits set at Thermostat or at CSP-5001 Controller-Actuator					
	Heating or Cooling Only	With Electric Reheat	With Automatic H/C Changeover	H/C Changeover & Electric Reheat	With Proportional Hot Water Reheat
Controller-Actuator	CSP-5001	CSP-5001	CSP-5001	CSP-5001	CSP-5001
Flow Sensor	SSS series sensor or other ΔP pick-up				
Room Thermostat	CTE-5101	CTE-5104	CTE-5103	CTE-5103	CTE-5104
Relay Module	-----	REE-5001	REE-1005	REE-1005 and REE-5001	-----
Other Controls	-----	contactors for heating elements	STE series duct sensor	STE series sensor and contactors	VEP43 series 2-10 vdc valve
	APE-1-5001	APE-1-5012	APE-1-5014	APE-1-5014A	APE-1-5017

	Dual Duct (Hot and Cold Decks) with Airflow Limits set at Thermostat or CSP-5001	Fan Powered Induction Boxes with Airflow Limits set at Thermostat or CSP-5001
	With Minimum Air Flow From Cold Deck	With 2 Stages of Electric Reheat
Controller-Actuator	(2) CSP-5001	CSP-5001
Flow Sensor	(2) SSS sensors or other ΔP pick-ups	SSS series sensor or other ΔP pick-up
Room Thermostat	CTE-5103	CTE-5101
Relay Module	-----	REE-5002
Other Controls	-----	contactors for fan & heating elements
	APE-2-5001	APE-3-5001

For wiring diagrams and sequence of operation for any of above applications, contact Dynacon.

CSP-5001
VAV Flow Controller-Actuator

Pressure Independent Controller & Actuator

50 in-lb minimum, 70 in-lb maximum torque
 Controlled by CTE-5100 series thermostat or BAS output signal
 Airflow sensed by single or multi-point ΔP sensor or pitot tube
 Onboard flow-through sensor electronically measures air velocity
 Minimum & maximum airflow limits set at thermostat or CSP-5001
 CW or CCW actuator rotation is jumper selectable
 Used with REE series relay modules for reheat, heating/cooling changeover, and dual duct applications



Actuator Stroke ¹	Auxiliary Output ²	Supply Voltage	Airflow Velocity Range	Airflow Velocity Output (% of Airflow)	Control Input	Dynacon Part No.	Price Each	
							1 - 5	6 - Up
0-95°	16 VDC	24 VAC	0 to 3300 feet/minute	0-10 VDC = 0-100%	0-10 VDC	CSP-5001	166.00	151.00

¹ both end stops adjustable
² can be used as power supply to CTE-5100 series room thermostat

Accessories

adaptor to mount to 3/8" damper shaft	HFO-0011	0.60	0.50
connector for 1/2" flexible metal conduit	HMO-4518	1.80	1.35
connector for 1/2" rigid metal conduit	HMO-4526	12.90	11.70
heating/cooling changeover relay module	REE-1005	20.50	18.60
3-stage electric reheat relay module	REE-5001	35.50	32.30
fan with 2-stage reheat relay module	REE-5002	35.50	32.30

VAV Manufacturers' Equivalent Part Numbers.

CSP-5001: Anemostat #13-31; Carnes #999-2661; Metalaire #CON5001; Titus #10027720; Metalaire #CON5001; Price #019815-001; Titus #10027720
REE-1005: Carnes #999-2665; Metalaire #REH1005; Nailor #B3-3001-011; Titus #10027301
REE-5001: Carnes #999-2669
REE-5002: Carnes #999-2672; Titus #10028502

REE Series Relays



CTE-5100 Series Thermostat Packages (details at *Electric Thermostats* in this section)



Thermostat Action	Dynacon Part No.	Price Each	
		1 - 5	6 - Up
single setpoint, direct acting	CTE-5101-10	58.00	53.00
single setpoint, reverse acting	CTE-5102-10	58.00	53.00
dual setpoint, direct/reverse acting, cooling/heating	CTE-5103-10	73.00	66.00
dual setpoint, direct/reverse acting, cooling/reheat	CTE-5104-10	73.00	66.00
dual setpoint, direct/direct acting, day/night	CTE-5105-10	73.00	66.00

CROSS REFERENCE TO PART NUMBERS OF TERMINAL UNIT MANUFACTURERS

Dynacon	Nailor	Carnes	Anemostat	Price Ind.	Titus
CTE-5101-10	B3-3001-191	999-2662		019814-001	10269601, 10269606
CTE-5102-10			13-33		10269607
CTE-5103-10	B3-3001-186	999-2663	13-35		10269603, 10269608
CTE-5104-10		999-2664	13-34	019816-001	10269604, 10269609

Differential Pressure Air Flow Sensors

H port senses total pressure;
 L port senses static pressure;
 difference is differential (velocity) pressure



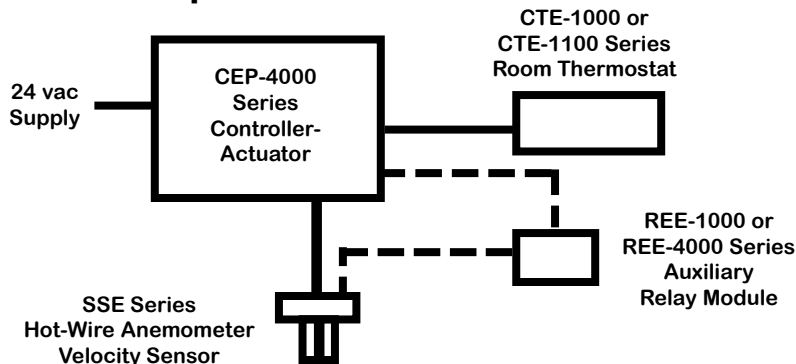
Sensing Points	Duct Insertion	Dynacon Part No.	Price Each		
			1 - 5	6 - 49	50 - Up
1 set	3-1/8"	SSS-1002	9.80	9.50	8.90
2 sets	5-3/8"	SSS-1003	11.00	10.50	9.90
3 sets	7-5/8"	SSS-1004	13.00	12.50	11.80
4 sets	9-7/8"	SSS-1005	15.00	14.50	13.70

ELECTRONIC CEP-4000 Series

VAV TERMINAL UNIT CONTROL SYSTEM

System Configurations

Pressure Independent



BASIC CONTROL LOGIC

1. In response to space temperature, the room thermostat sends a 3 to 6 vdc "desired air flow" signal to the CEP-4000 series controller-actuator.
2. The controller-actuator compares this "desired air flow" signal to "actual air flow" as derived electronically using input from the SSE series duct sensor.
3. The controller-actuator drives the VAV damper box open or closed as required to match airflow requirements.

For individual component specifications, see following pages in this section.

- Cooling or heating airflow sensed by temperature compensated hot-wire anemometer sensor.
- Velocity sensing unaffected by changes in duct air temperature.
- Air velocity minimum and maximum flow limits set at the room thermostat.
- CEP-4000 series controller-actuator direct couples to damper shaft on VAV terminal unit.
- REE series relay modules available for reheat, heating/cooling changeover, and other applications.

TYPICAL CEP-4000 SERIES SYSTEM CONFIGURATIONS

Single Duct Cooling with Airflow Limits set at Thermostat					
	Cooling Only	With Electric Reheat	With Warm-Up to Full Open	With Automatic H/C Changeover	With Proportional Hot Water Reheat
Controller-Actuator	CEP-4000 series	CEP-4000 series	CEP-4000 series	CEP-4000 series	CEP-4000 series
Flow Sensor	SSE-1001 or SSE-1002	SSE-1001 or SSE-1002	SSE-1001 or SSE-1002	SSE-2001 or SSE-2002	SSE-1001 or SSE-1002
Room Thermostat	CTE-1001 or CTE-1101	CTE-1004	CTE-1001 or CTE-1101	CTE-1003 or CTE-1103	CTE-1004
Relay Module	-----	REE-4001	-----	REE-1005	REE-4006
Other Controls	-----	contactors for heating elements	SPDT relay	-----	VEP12/22/34 n/c valve
	APE-1-4001/4003	APE-1-4005	APE-1-4007	APE-1-4014	APE-1-4017

Dual Duct (Hot and Cold Decks) with Airflow Limits set at Thermostat			Fan Powered Induction Boxes with Airflow Limits set at Thermostat	
	With Minimum Air from Either Deck	With Constant Airflow Volume	With 2 Stages of Electric Reheat	With 2 Stages of Electric Reheat & Night Setback
Controller-Actuator	(2) CEP-4000 series	(2) CEP-4000 series	CEP-4000 series	CEP-4000 series
Flow Sensor	(2) SSE-1001 or SSE-1002	(2) SSE-1001 or SSE-1002	SSE-1001 or SSE-1002	SSE-1001 or SSE-1002
Room Thermostat	CTE-1003 or CTE-1103	CTE-1003 or CTE-1103	CTE-1101	CTE-1105
Relay Module	-----	-----	REE-4002	REE-4002
Other Controls	-----	-----	contactors for fan & reheat	contactors & DPDT relay
	APE-2-4001	APE-2-4005	APE-3-4001	APE-3-4003

For wiring diagrams and sequence of operation for any of above applications, contact Dynacon.

CEP-4000 Series VAV Flow Controller-Actuators

Pressure Independent Controller & Actuator

45 in-lb Torque; 24 VAC supply voltage; 9.1 VDC half wave output

Controlled by CTE-1000/CTE-1100 series analog thermostats

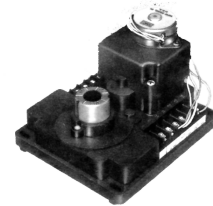
0-3000 feet/minute airflow sensed by hot wire anemometer

Resets air volume linear with room temperature changes

Minimum & maximum airflow limits set at thermostat

Velocity output voltage of 1-5 VDC is linear with 0-3000 FPM airflow.

Used with REE series auxiliary relay modules for reheat, heating/cooling changeover, and dual duct applications



Cross Reference to Manufacturers' Part Numbers				Sensor	Actuator	Dynacon	Price Each		
Anemostat East	Anemostat West	Metalaire	Titus	Included	Actuator Rotation	Stroke	Part No.	1 - 5	6 - Up
---	---	---	---	SSE-1001	CCW to close	100 ^o	CEP-4001	195.40	177.60
005060	13-22	CON4011	10027701	SSE-1001	CW to close	100 ^o	CEP-4011	195.40	177.60
005061	13-23	---	10027702	SSE-1002	CW to close	100 ^o	CEP-4012	197.00	179.10
005-62	13-30	CON4013	10029001	SSE-2001	CW to close	100 ^o	CEP-4013	215.40	195.80
005063	13-37	---	10029002	SSE-2002	CW to close	100 ^o	CEP-4014	219.00	199.10
---	---	CON4015	10027001	None ¹	CW to close	100 ^o	CEP-4015	175.20	159.30
---	---	CON44412	---	SSE-1002	CW to close	45 ^o	CEP-4412	197.00	179.10
				¹ each controller is calibrated to match the sensor adaptor to mount to 3/8" damper shaft			HFO-0011	0.60	0.50

¹ each controller is calibrated to match the sensor supplied with it. If not used with the actual sensor supplied, field calibration of the controller to sensor is required.

REE Series Relay Modules

For Use with CEP-4000 Series VAV Flow Controller-Actuators



Cross Reference to Manufacturers' Part Numbers.			Relay Type/Application	Part No.	Price Each	
Anemostat	West	Titus			1 - 5	6 - Up
		004345; Titus 10306501	constant volume with override	REE-1004	18.30	16.60
		Carnes 999-2665; Naliler B3-3001-011; Titus 10027301	heating/cooling changeover	REE-1005	20.50	18.60
		Carnes 999-2666; Metalaire REH4001; Titus 10027101	3-stage electric reheat	REE-4001	35.60	32.40
		Carnes 999-2667; Price 019084-001; Titus 10028501	fan with 2-stage reheat ¹	REE-4002	35.50	32.30
		Metalaire REH4006; Titus 10156601	time proportioning wet reheat (N/C)	REE-4006	35.50	32.30
		Titus 10156701	fan & proportional wet reheat (N/C)	REE-4017	35.50	32.30

¹ for fan powered induction boxes

CTE-1000, CTE-1100 Series Room Thermostats

For Use with CEP-4000 Series VAV Flow Controller-Actuators



Horizontal Mount

Anemostat				Terminal Outputs & Set Point Markings		Dynacon	Price Each	
East	West	Metalaire	Titus	Lower Set Point	Upper Set Point	Part No.	1 - 5	6 - Up
---	13-27	---	10027401	DA Cooling (T1)	---	CTE-1001-10 ¹	64.00	58.20
---	13-29	---	---	RA Heating (T2)	DA Cooling (T1)	CTE-1003-10 ¹	81.50	74.10
---	---	THM1004	10027403	RA Reheat (T2)	DA Cooling (T1)	CTE-1004-10 ¹	62.20	56.50
---	---	THM1005	---	DA Night (T2)	DA Day (T1)	CTE-1005-10 ¹	76.25	70.50
---	---	---	10027408	DA Cooling (T1)	DA Heating (T2)	CTE-1010-10 ¹	81.50	74.10
004643	---	THM1101	10027415	DA [blank] (T1)	---	CTE-1101-10 ^{1,2}	55.00	50.00
---	---	THM1103	10027411	RA Heating (T2)	DA Cooling (T1)	CTE-1103-10 ^{1,2}	70.50	64.10
---	---	THM1105	10027413	DA Night (T2)	DA Day (T1)	CTE-1105-10 ^{1,2}	70.50	64.10

¹ for 13-29°C scale instead of 55-85°F, substitute -11 for -10 suffix

² include additional output terminals for fan powered induction boxes

Control (Panels) Enclosures

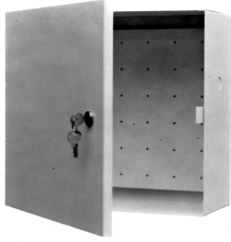
Control Enclosures

NEMA 1, UL Listed

Subpanel Included

16 gauge galvaneal Steel, Baked-on Tan Enamel

Supplied with Locking Latch & 2 Keys



Subpanel		Cabinet			Dynacon Part No.	Price Each	
Width	Height	Width	Height	Depth		1 - 5	6 - Up
10"	12"	12"	14"	4"	P-14	76.00	74.00
14"	16"	16"	18"	6"	P-18	93.00	90.00
18"	22"	20"	24"	6"	P-24	121.00	118.00
22"	34"	24"	36"	6"	P-36	181.00	176.00

Flow and Liquid Level Switches

FS-2 Water Flow Switch

Adjustable to Fit 1" to 8" Pipe Size
for Flow Setpoints of 1.8 to 196 GPM

Weatherproof NEMA 4 enclosure; suitable for outdoor installation.
Leak proof snap-acting magnetic switch operation.

Paddle with 4 selectable lengths for large flow setpoint adjustments;
internal screw for finer setpoint adjustments.

Ideal for "flow or no flow" in cold and hot water applications.

Operating Temperature: 230° F (110° C) maximum.
Operating Pressure: 145 psig (1000 kPa) maximum.



Piping Connection	Switch Rating @ 250 VAC		Switch Type	Dynacon Part No.	Price Each	
	Resistive	Inductive			1 - 5	6 - Up
1" male NPT	10A	3A	SPDT	FS-2	42.80	41.00

L-8 Series Liquid Level Switches

UL Recognized for USA and Canada

For use with liquids with specific gravities of 0.6 and up.

Leak proof snap-acting magnetic switch operation.

Operating Temperature: 212° F (100° C) maximum.
Operating Pressure: 150 psig (1034 kPa) maximum.

Switch Rating: 5A @ 125/250 VAC; 5A resistive,
3A inductive @ 30 VDC



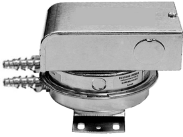
Conduit Connection (18" Leadwires)	Piping Connection	Enclosure Rating	Switch	Dynacon	Price Each	
1/2" male NPT	1" male NPT	general purpose	SPDT	L8	72.00	68.70
1/2" female NPT	1" male NPT	weatherproof	SPDT	L8-WP	90.00	86.00

To view data sheets or purchase online, go to www.dynacononline.com

Air Pressure Switches

Air Pressure Switches

Static or Differential Pressure Applications



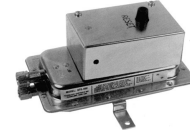
RFS-4001

UL Listed USA and Canada



AFS-222

UL Listed, CSA Certified, CE



AFS-460

UL Listed, CE Compliant

Maximum Pressure: 0.5 psi (125Pa)

Electrical Ratings: RFS series: 300VA pilot duty @ 115-277V; 15A non-inductive to 277V

AFS-222 Series: 300VA @ 115-277V; 15A non-inductive @ 115-277V; 2.4A inductive @ 24V

AFS-460 Series: 15A non-inductive @ 125-277V; 1/4HP @ 125V, 1/2HP @ 250V, 0.5A @ 125V inductive

Air Connections:

Tapered Barb: barb for 1/4" OD or 3/8" OD flexible tubing.

Compression: 1/4" ferrule and nut for 1/4" firm wall plastic or copper tubing.

Air Connections	Switch Type	Setpoint Range	Dynacon Part No.	Price Each		
				1 - 5	6 - 49	50 - Up
Tapered Barb	SPDT	0.1" to 2" WC	RFS-4001-033	13.80	13.20	12.70
Tapered Barb	SPDT	0.1" to 5" WC	RFS-4001-034	12.90	12.30	11.90
Compression	SPDT	.05" to 12" WC	AFS-222	16.90	16.30	15.50
Tapered Barb	SPDT	.04" to 12" WC	AFS-222-112	16.40	15.70	14.90
Compression	SPST-NC Manual Reset	.05" to 12" WC	AFS-460	22.60	21.50	20.50
Compression	(2) SPST-NC Manual Reset	2" to 12" WC	AFS-460-DSS	63.00	60.00	58.00

Air Flow Sensing Probes

All Aluminum Construction

1/4" OD for use with 3/8" Tubing



Application	Duct Insertion	Dynacon Part No.	Price Each		
			1 - 5	6 - 49	50 - Up
Aspiration (static pressure) tip opens parallel to air stream	4-inch	DPA-04	4.00	3.00	2.50
	6-inch	DPA-06	4.00	3.00	2.50
Impact (total pressure) tip opens directly into air stream	4-inch	DPS-04	4.00	3.00	2.50
	6-inch	DPS-06	4.00	3.00	2.50

Differential Pressure Air Flow Sensors

1/4" OD for use with 3/8" Tubing

H port senses total pressure;

L port senses static pressure;

difference is differential

(velocity) pressure



Sensing Points	Duct Insertion	Dynacon Part No.	Price Each		
			1 - 5	6 - 49	50 - Up
1 set	3-1/8"	SSS-1002	9.80	9.50	8.90
2 sets	5-3/8"	SSS-1003	11.00	10.50	9.90
3 sets	7-5/8"	SSS-1004	13.00	12.50	11.80
4 sets	9-7/8"	SSS-1005	15.00	14.50	13.70

To view data sheets or purchase online, go to www.dynacononline.com

Current (Sensors) Switches

Current (Sensors) Switches

Solid State Switch Contact

UL Listed USA and Canada



RIBXKTF



RIBXKGF



CT-800 Series



RIBXKGF

Powered by monitored current;
no external power required.

CT-810/815 models with smart LED
provide power and status indication.

Monitored Current Range	Switch Type	Switch Rating	Switch Trip Point	Type	Electrical Connections	Dynacon Part No.	Price Each	
							1 - 5	6 - Up
0.25 to 150A	SPST ¹	0.4A ²	0.25A, fixed	ring	leadwires	RIBXKF	15.00	14.00
0.25 to 150A	SPST ¹	0.4A ²	0.25A, fixed	ring	terminal strip	RIBXKTF	15.00	14.00
0.50 to 150A	SPST ¹	0.4A ²	0.50-150A, adj	ring	leadwires	RIBXKA	28.30	26.30
0.50 to 150A	SPST ¹	0.4A ²	0.50-150A, adj	ring	terminal strip	RIBXKTA	28.30	26.30
0.35 to 150A	SPST ¹	0.4A ²	0.35A, fixed	split core	leadwires	RIBXGF	23.00	21.40
0.35 to 150A	SPST ¹	0.4A ²	0.35A, fixed	split core	terminal strip	RIBXGTF	23.60	21.90
0.75 to 150A	SPST ¹	0.4A ²	0.75-150A, adj	split core	leadwires	RIBXGA	28.00	26.00
0.75 to 150A	SPST ¹	0.4A ²	0.75-150A, adj	split core	terminal strip	RIBXGTA	28.30	26.30
1.0 to 250A	SPST ¹	0.3A ³	1.0A, fixed	ring	terminal block	CT-800	22.00	19.50
1.5 to 250A	SPST ¹	0.3A ³	1.5A, fixed	split core	terminal block	CT-805	27.00	25.00
1.0 to 250A w/LED	SPST ¹	0.3A ³	1.0-150A, adj	ring	terminal block	CT-810	33.00	30.50
1.5 to 250A w/LED	SPST ¹	0.3A ³	1.5-150A, adj	split core	terminal block	CT-815	38.50	36.00

¹ normally open ² 0.4A maximum at 30 VAC/DC ³ 0.3A maximum at 135 VAC/DC

Current Sensors with Relays

UL Listed USA and Canada

Allows both control and status sensing of electrical loads by a building management system.

LED indication of relay and current sensor trip

Models with internal sensor provide direct control and current sensing of exhaust fans, pumps, etc.



Models with remote sensor typically for control and status sensing of loads requiring a motor starter.

Models available with switch to override output of the relay

Coil Voltage	Relay Type	Relay Rating	Ovr Swich	Sensor Range	Sensor Type	Sensor Trip Point	Dynacon Part No.	Price Each	
								1 - 5	6 - Up
10-30 VAC/DC	SPDT	10A	---	0.5-10A	internal	0.5A, fixed	RIBXLCF	28.00	26.00
10-30 VAC/DC	SPDT	10A	---	0.5-10A	internal	0.5-10A, adj	RIBXLCA	29.80	27.70
10-30 VAC/DC	SPDT	10A	---	0-10A	internal	analog ¹	RIBXLCV	28.00	26.00
10-30 VAC/DC	SPST	10A	x	0.5-10A	internal	0.5A, fixed	RIBXLSF	30.80	28.60
10-30 VAC/DC	SPST	10A	x	0.5-10A	internal	0.5-10A, adj	RIBXLSA	32.40	30.10
10-30 VAC/DC	SPDT	10A	---	1.25-150A	ring	1.25-150A, adj	RIBXLCRA	36.00	33.60
10-30 VAC/DC	SPST	10A	x	1.25-150A	ring	1.25-150A, adj	RIBXLSRA	39.00	36.30
24 VAC/DC	SPDT	20A	---	0.5-20A	internal	0.5A, fixed	RIBX24BF	32.10	29.90
24 VAC/DC	SPDT	20A	---	0.5-20A	internal	0.5-20A, adj	RIBX24BA	33.90	31.50
24 VAC/DC	SPST	20A	x	0.5-20A	internal	0.5A, fixed	RIBX24SBF	36.00	33.50
24 VAC/DC	SPST	20A	x	0.5-20A	internal	0.5-20A, adj	RIBX24SBA	37.80	35.10

¹ 0-5 VDC/0-10 VDC output

To view data sheets or purchase online, go to www.dynacononline.com

Electric Temperature Controllers

Freezestats & Low Limits

20-Ft Capillary Sensing Element

UL Listed USA and Canada

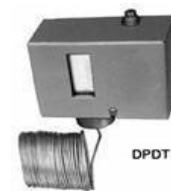
All contacts rated both motor load and pilot duty.

Operating Ambient: -60°F to 160°F (-51°C TO 71°C)

Differential: 4.5°F (2.5°C) fixed



FS-30, FS-33



FS-50, FS-53

Cross Reference						Switch Type	Reset	Dynacon Part No.	Price Each		
Johnson	Honeywell	Siemens	TAC	KMC	Range ¹				1 - 5	6 - 49	50 - Up
A11A-1	L480G1044	134-1511	TC-5241	CTE-3007	35-68°F	SPDT	Manual	FS-30	60.50	55.70	52.20
A11B-1	L480B1239	134-1510	TC-5231	CTE-3006	35-68°F	SPDT	Auto	FS-33	59.20	54.50	49.90
A70HA-1	L482A1004	134-1504	TC-5242	CTE-3017	34-70°F	DPDT	Manual	FS-50	78.90	74.30	69.60
A70GA-1	---	---	TC-5232	---	34-70°F	DPDT	Auto	FS-53	77.80	73.10	68.50
¹ dual range: FS-30, FS-33 2-20°C; FS-50, FS-53 1-21°C						capillary mounting clip		FX-4520	1.20	0.90	0.90

Firestat / High Limit

7-1/2" (19cm) Duct Insertion Length

UL 938U Listed

Helix bimetal sensing element.

Can be manually reset without removing cover.

Inductive Ratings: 9.8A @ 115 VAC; 4.9A @ 230 VAC.



Switch Type/Action	Fixed		Setpoint Factory Setting	Dynacon Part No.	Price Each	
	Differential	Setpoint Range (Adjustable)			1 - 5	6 - Up
SPST, manual reset	25°F (14°C)	100°F to 250°F (38°C to 122°C)	135°F (57°C)	FS-200	29.90	28.00

Remote Bulb Controller

26" (66cm) Capillary and Bulb

UL Listed and CSA Certified

Inductive Ratings: 13.8A, 3/4 HP @ 125 VAC; 10A, 1-1/2 HP @ 250 VAC

Non-Inductive Rating: 22A @ 125-277 VAC



Fixed Differential	Setpoint Range	Switch Type	Dynacon Part No.	Price Each	
				1 - 5	6 - Up
4°F (2°C)	40°F to 110°F (4.5°C to 43°C)	SPDT	BKTD-110	31.90	29.00

To view data sheets or purchase online, go to www.dynacononline.com

Electric Control Relays

RH Series Midget Relays

General Purpose or Power Switching

UL Recognized
CSA Certified

Miniature size for mounting in panels

Blade terminals for SH series sockets



Contact Rating @ 240V			Relay Type	Coil Voltage	With LED	Part No.	Price Each	
Resist	Induct	HP					1 - 5	6 - Up
10A	7A	1/3	SPDT	24 VAC		RH1B-UAC24V	5.80	5.30
10A	7A	1/3	SPDT	24 VAC	X	RH1B-ULAC24V	6.50	5.90
10A	7A	1/3	SPDT	120 VAC		RH1B-UAC120V	5.80	5.30
10A	7A	1/3	SPDT	120 VAC	X	RH1B-ULAC120V	6.50	5.90
10A	7A	1/3	SPDT	24 VDC		RH1B-UDC24V	5.30	4.80
10A	7A	1/3	DPDT	24 VAC		RH2B-UAC24V	6.00	5.50
10A	7A	1/3	DPDT	24 VAC	X	RH2B-ULAC24V	7.60	6.90
10A	7A	1/3	DPDT	120 VAC		RH2B-UAC120V	6.00	5.50
10A	7A	1/3	DPDT	120 VAC	X	RH2B-ULAC120V	7.60	6.90
10A	7A	1/3	DPDT	24 VDC		RH2B-UDC24V	5.70	5.20
10A	7A	1/3	DPDT	24 VDC	X	RH2B-ULDC24V	7.10	6.60
7.5A	6.5A	1/3	3PDT	24 VAC		RH3B-UAC24V	7.70	7.00
7.5A	6.5A	1/3	3PDT	24 VAC	X	RH3B-ULAC24V	9.20	8.40
7.5A	6.5A	1/3	3PDT	120 VAC		RH3B-UAC120V	7.70	7.00
7.5A	6.5A	1/3	3PDT	120 VAC	X	RH3B-ULAC120V	9.20	8.40
7.5A	6.5A	1/3	3PDT	24 VDC		RH3B-UDC24V	7.40	6.70
7.5A	6.5A	1/3	3PDT	24 VDC	X	RH3B-ULDC24V	8.90	8.10
7.5A	5A	-	4PDT	24 VAC		RH4B-UAC24V	9.50	8.60
7.5A	5A	-	4PDT	24 VAC	X	RH4B-ULAC24V	11.00	10.00
7.5A	5A	-	4PDT	120 VAC		RH4B-UAC120V	9.50	8.60
7.5A	5A	-	4PDT	120 VAC	X	RH4B-ULAC120V	11.00	10.00
7.5A	5A	-	4PDT	24 VDC		RH4B-UDC24V	9.20	8.30
7.5A	5A	-	4PDT	24 VDC	X	RH4B-ULDC24V	10.80	9.80

SH Series Sockets

Surface or Rail Mounting



Description	Part No.	Price Each	
		1 - 5	6 - Up
SPST Socket for RH1B Relays	SH1B-05	3.00	2.90
DPDT Socket for RH2B Relays	SH2B-05	3.80	3.60
3PDT Socket for RH3B Relays	SH3B-05	4.10	3.90
4PDT Socket for RH4B Relays	SH4B-05	5.30	5.00

DIN Mounting Rail

For use with SH series sockets



Description	Part No.	Price Each	
		1 - 5	6 - Up
DIN Rail, Aluminum; 1 meter (39.37")	BAM-1000	4.90	4.20
DIN Plastic End Clip with Locking Screw	MA80050	0.75	0.60

To view data sheets or purchase online, go to www.dynacononline.com

Electric Control Relays

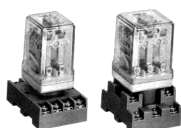
RR Series Octal Pin Relays

UL Recognized, CSA Certified

General Purpose or Power Switching

Octal pin terminals for sturdy mounting

Octal pin terminals for SR series sockets



Contact Rating @ 240V			Relay Type	Coil Voltage	With LED	Part No.	Price Each		
Resist	Induct	HP					1 - 5	6 - Up	
10A	7A	1/3	DPDT	24 VAC		RR2P-UAC24V	11.00	9.20	
10A	7A	1/3	DPDT	24 VAC	X	RR2P-ULAC24V	12.80	10.70	
10A	7A	1/3	DPDT	120 VAC		RR2P-UAC120V	11.00	9.20	
10A	7A	1/3	DPDT	120 VAC	X	RR2P-ULAC120V	12.80	10.70	
10A	7A	1/3	DPDT	24 VDC		RR2P-UDC24V	10.90	9.10	
10A	7A	1/3	DPDT	24 VDC	X	RR2P-ULDC24V	12.60	10.50	
10A	7A	1/3	3PDT	24 VAC		RR3P-UAC24V	13.50	11.20	
10A	7A	1/3	3PDT	24 VAC	X	RR3P-ULAC24V	15.20	12.70	
10A	7A	1/3	3PDT	120 VAC		RR3P-UAC120V	13.50	11.20	
10A	7A	1/3	3PDT	120 VAC	X	RR3P-ULAC120V	15.20	12.70	
10A	7A	1/3	3PDT	24 VDC		RR3P-UDC24V	13.40	11.10	
10A	7A	1/3	3PDT	24 VDC	X	RR3P-ULDC24V	15.10	12.60	
<u>Accessories</u>									
DPDT socket for RR2P relays						SR2P-05	3.30	3.10	
3PDT socket for RR3P relays						SR3P-05	5.00	4.70	
DIN Rail, aluminum; 1 meter (39.37")						BAM-1000	4.90	4.20	
DIN Rail plastic end clip with locking screw						MA80050	0.75	0.60	

RH2LB Series Magnetic Latching Relays

UL Recognized
CSA Certified

Retain Relay Status in Event of Power Failure

Well suited for memory and flip-flop circuits

Operation indicator displays set/reset condition

Relay coil can be energized continuously or by pulse input



Contact Rating @ 240V			Relay Type	Set and Reset Coil Voltage	Part No.	Price Each		
Resist	Induct	HP				1 - 5	6 - Up	
7.5A	5A	1/3	DPDT	24 VAC	RH2LB-UAC24V	17.70	16.80	
7.5A	5A	1/3	DPDT	120 VAC	RH2LB-UAC120V	17.70	16.80	
7.5A	5A	1/3	DPDT	24 VDC	RH2LB-UDC24V	16.60	15.70	
<u>Accessories</u>								
Socket for mounting RH2LB Relays						SH3B-05	4.10	3.90
DIN Rail, Aluminum; 1 meter (39.37")						BAM-1000	4.90	4.20
DIN Plastic End Clip with Locking Screw						MA80050	0.75	0.60

RIBD2421C Time Delay Relay

UL Listed
USA and Canada

Delay on Make, Delay on Break, or Interval Delay

Selectable timing functions and time ranges

Leadwires exit through 1/2" nipple in NEMA 1 enclosure

Relay coil can be energized continuously or by pulse input



Status Indication		Adjustable Time Delay Range	Supply Voltage	Relay Type	Part No.	Price Each	
Relay	Time Delay					1 - 5	6 - Up
red LED	pink flashing LED	6 sec to 20 min	24 VAC/DC, 120-277 VAC	SPDT	RIBD2421C	34.50	32.00

To view data sheets or purchase online, go to www.dynacononline.com

Electric Control Relays

Encased Control Relays

10 & 20 Amp Pilot/Power Applications
AC/DC Multi-Voltage

UL Listed USA and Canada



RIB Series



LD9600 Series

Mounting	Contact Ratings		Coil Voltage		Relay Contacts	Dynacon Part No.	Price Each	
	Resistive	Motor	AC/DC	AC			1 - 5	6 - Up
1/2" NPT nipple	10A	1/4 HP	24-30	120	(1) SPDT	LD96144	9.90	8.90
1/2" NPT nipple	10A	1/3 HP	10-30	120	(1) SPDT	RIBU1C	10.50	10.00
1/2" NPT nipple	10A	1/3 HP	10-30	120	(1) SPDT	LD96200	13.50	12.00
1/2" NPT nipple	10A	1/3 HP	10-30	208-277	(1) SPDT	RIBH1C	11.80	11.30
1/2" NPT nipple	10A	1/2 HP	24	120-277	(1) SPDT	RIB2421C	13.40	12.90
1/2" NPT nipple	10A	1/2 HP	24	120	(1) DPDT	RIB2401D	17.50	16.80
3/4" NPT nipple	10A	1/3 HP	10-30	120	(2) SPDT	RIBU2C	19.20	18.50
1/2" NPT nipple	10A	1/3 HP	10-30	120	SPST w/HOA	RIBU1S	15.00	14.50
1/2" NPT nipple	20A	2 HP	24	120	(1) SPDT	RIB2401B	16.40	15.20
1/2" NPT nipple	20A	2 HP	24	208-277	(1) SPDT	RIB2402B	18.00	16.70
1/2" NPT nipple	20A	3 HP	24	---	(1) DPDT	RIB24P	25.60	23.80
1/2" NPT nipple	20A	3 HP	---	120	(1) DPDT	RIB01P	27.30	25.40
1/2" NPT nipple	20A	3 HP	---	208-277	(1) DPDT	RIB02P	29.80	27.70
1/2" NPT nipple	20A	2 HP	24	120	SPST w/HOA	RIB2401SB	21.20	19.70

Encapsulated Control Relays

AC/DC Multi-Voltage; 10-inch Leadwires
For Surface, Handibox, or Panel Mounting

*UL Listed USA and Canada
CSFM Listed*



Wiring Connections	Contact Ratings @ 115 VAC	Coil Voltage	Relay Contacts	Dynacon Part No.	Price Each	
					1 - 5	6 - Up
10-in leadwires	10A Resistive	24 VAC, 115 VAC or 24 VDC	SPDT	PAM-1	9.50	8.50
10-in leadwires	10A Resistive	9 to 40 VDC	SPDT	PAM-4	9.50	8.50

Spud Mount Control Relays

AC/DC Multi-Voltage
Spud Snaps into 1/2" Knockout

*UL Listed USA and Canada
CSFM Listed*



Wiring Connections	Contact Ratings @ 115 VAC	Coil Voltage	Relay Contacts	Dynacon Part No.	Price Each	
					1 - 5	6 - Up
12-in leadwires	10A Resistive	24 VAC, 115 VAC or 24 VDC	SPDT	RIC-1	10.30	9.30
12-in leadwires	10A Resistive	24 VAC, 115 VAC or 24 VDC	DPDT	RIC-2	12.60	11.70

To view data sheets or purchase online, go to www.dynacononline.com

RIB Series Modular Control Relays

AC/DC Multi-Voltage

UL Listed USA and Canada



RIBMN Series



RIBM Series

Mounting	Contact Ratings		Coil Voltage		Relay Contacts	Dynacon Part No.	Price Each	
	Resistive	Motor	AC/DC	AC			1 - 5	6 - Up
4" track mount ¹	15A	1/2 HP	24	24	SPDT	RIBM24C	7.40	7.20
4" track mount ¹	15A	1/2 HP	24	24	SPST w/HOA	RIBM24S	8.40	8.20
4" track mount ¹	15A	1/3 HP	10-30	120	SPDT	RIBMU1C	11.20	10.80
4" track mount ¹	15A	1/3 HP	10-30	120	SPST w/HOA	RIBMU1S	13.40	12.40
2.75" track mount ¹	15A	1/2 HP	24	24	SPDT	RIBM24C	7.40	7.20
2.75" track mount ¹	10A	1/3 HP	10-30	208-277	SPDT	RIBMNU1C	11.60	10.80
2.75" track mount ¹	15A	1/2 HP	24	24	SPST w/HOA	RIBM24S	8.40	8.20
2.75" track mount ¹	15A	1/3 HP	10-30	120	SPST w/HOA	RIBMNU1S	13.40	12.40

¹ section of track supplied for mounting in panel

MR Series Modular Control Relays

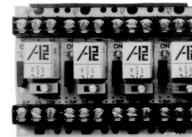
AC/DC Multi-Voltage

Models in Enclosures: UL Listed

Track Mount Models: UL Recognized



MR-101-T, MR-201-T



MR-604-T, MR-804-T

Mounting	Contact Ratings		Coil Voltage	Relay Contacts	Dynacon Part No.	Price Each	
	Resistive	Motor				1 - 5	6 - Up
3.5" track mount ¹	10A	1/4 HP	24 VAC; 115 VAC; 24 VDC	(1) SPDT	MR-801-T	7.70	7.30
3.5" track mount ¹	10A	1/4 HP	24 VAC; 115 VAC; 24 VDC	(4) SPDT	MR-804-T	31.30	29.80
3.5" track mount ¹	10A	1/4 HP	24 VAC; 115 VAC; 24 VDC	(8) SPDT	MR-808-T	54.80	52.10
3.5" track mount ¹	10A	1/6 HP	24, 115, 230 VAC; 24 VDC	(1) SPDT	MR-101-T	11.50	10.90
supplied in enclosure	10A	1/6 HP	24, 115, 230 VAC; 24 VDC	(1) SPDT	MR-101-C	18.80	17.90
3.5" track mount ¹	10A	1/6 HP	24, 115, 230 VAC; 24 VDC	(1) DPDT	MR-201-T	14.40	13.70
supplied in enclosure	10A	1/6 HP	24, 115, 240 VAC; 24 VDC	(1) DPDT	MR-201-C	22.00	20.90
3.5" track mount ¹	10A	---	24 VAC; 24 VDC	(1) SPDT w/HOA	MR-601-T	10.00	9.50
3.5" track mount ¹	10A	---	24 VAC; 24 VDC	(4) SPDT w/HOA	MR-604-T	39.10	37.20
3.5" track mount ¹	10A	---	24 VAC; 24 VDC	(8) SPDT w/HOA	MR-608-T	72.00	68.50

¹ section of track supplied for mounting in panel

Mounting Track



Track Width	Length	Dynacon Part No.	Price Each	
			1 - 5	6 - Up
4"	2"	MT4-2	1.50	1.00
4"	12"	MT4-12	6.00	5.00
2.75"	2"	MT212-2	1.50	1.00
2.75"	12"	MT212-12	6.00	5.00

To view data sheets or purchase online, go to www.dynacononline.com

Electric Control Relays

RIBTW Series LONWorks Relays

UL Listed, CSA Certified,
LONWorks Certified



Relays are controlled from a remote location using a LONWorks network

Separate Class 2 dry contact digital input (analog input on RIBTW24SB-LNAI) allows status feedback to be communicated on the LONWorks network

Supplied in NEMA 1 plenum rated enclosure

Discreet Input	Contact Ratings		Coil Voltage		Relay Contacts	Dynacon Part No.	Price Each	
	Resistive	Motor	AC/DC	AC			1 - 5	6 - Up
Class 2, dry contact	20A	2 HP	24	120	SPDT	RIBTW2401B-LN	91.00	85.00
Class 2, dry contact	20A	2 HP	24	120	SPST w/HOA	RIBTW2401SB-LN	100.50	94.00
Class 2, dry contact	20A	2 HP	24	208-277	SPDT	RIBTW2402B-LN	94.00	87.50
Class 2, dry contact	20A	2 HP	24	208-277	SPST w/HOA	RIBTW2402SB-LN	103.00	96.00
0-5/0-10 VDC/thermistor	20A	2 HP	24	---	SPST w/HOA	RIBTW24SB-LNAI	112.50	105.00

REE Series VAV Terminal Unit Relays

For Use with CEP/CSP Controller-Actuators



Cross Reference to Manufacturers' Part Numbers.	
REE-1004	Anemostat 004345; Titus 10306501
REE-1005	Carnes 999-2665; Naliler B3-3001-011; Titus 10027301
REE-4001	Carnes 999-2666; Metalaire REH4001; Titus 10027101
REE-4002	Carnes 999-2667; Price 019084-001; Titus 10028501
REE-4006	Metalaire REH4006; Titus 10156601
REE-4017	Titus 10156701
REE-5001	Carnes 999-2669; Titus 10027102
REE-5002	Carnes 999-2672; Titus 10028502

Relay Type / Application	Controller-Actuator Models For Use With	Dynacon Part No.	Price Each	
			1 - 5	6 - Up
constant volume with override	CEP-4000 series	REE-1004	18.30	16.60
heating/cooling changeover	CSP-5001, CEP-4000 series	REE-1005	20.50	18.60
3-stage electric reheat	CEP-4000 series	REE-4001	35.60	32.40
fan with 2-stage reheat ¹	CEP-4000 series	REE-4002	35.50	32.30
time proportioning wet reheat (N/C)	CEP-4000 series	REE-4006	35.50	32.30
fan & proportional wet reheat (N/C)	CEP-4000 series	REE-4017	35.50	32.30
3-stage electric reheat	CSP-5001	REE-5001	35.50	32.30
fan with 2-stage reheat ¹	CSP-5001	REE-5002	35.50	32.30

¹ for fan powered induction boxes

To view data sheets or purchase online, go to www.dynacononline.com

Control Transformers

Metal End Bells, Threaded Hubs



Fig A



Fig B



Fig C



Fig D



Fig E



Fig F

Fig	Approval Listing ¹	Mounting	Threaded Hubs	Overcurrent Protection	Primary:Secondary Voltage	VA Rating	Dynacon Part No.	Price Each	
								1 - 5	6 - Up
A	UL Class 2	foot/hub	1	inherent	120:24	20VA	TR20VA001	7.20	6.90
A	UL Class 2	foot/hub	1	inherent	277:24	20VA	TR20VA007	7.20	6.90
A	UL Class 2	foot/hub	1	inherent	120:24	40VA	TR40VA001	8.50	7.90
B	UL Class 2	foot/hub	2	inherent	120:24	40VA	TR40VA002	8.80	8.50
B	UL Class 2	foot/hub	2	inherent	120/208/240/277:24	40VA	TR40VA004	8.80	8.50
A	UL Class 2	foot/hub	1	fused	120:24	50VA	TR50VA001	10.40	9.90
B	UL Class 2	foot/hub	2	fused	120:24	50VA	TR50VA002	11.10	10.50
A	UL Class 2	foot/hub	1	inherent	277:24	50VA	LE13100	12.60	12.00
B	UL Class 2	foot/hub	2	inherent	277:24	50VA	LE13050	12.10	11.50
C	UL Class 2	foot/hub	1	ckt breaker	277:24	50VA	TR50VA014	15.20	14.50
C	UL Class 2	foot/hub	1	ckt breaker	120/240/277/480:24	50VA	TR50VA015	16.10	15.30
D	UL Class 2	foot/hub	2	ckt breaker	120/240/277/480:24	50VA	TR50VA004	15.60	14.90
C	UL Class 2	foot/hub	1	ckt breaker	120:24	75VA	TR75VA001	18.80	17.90
C	UL Class 2	foot/hub	1	ckt breaker	277:24	75VA	TR75VA003	19.40	18.50
C	UL Class 2	foot/hub	1	ckt breaker	120/208/240/480:24	75VA	TR75VA005	20.80	19.80
D	UL Class 2	foot/hub	2	ckt breaker	120/208/240/480:24	75VA	LE15013	21.20	20.20
C	UL Class 2	foot/hub	1	ckt breaker	120:24	96VA	LE12100	21.20	20.20
C	UL Class 2	foot/hub	1	ckt breaker	120:24	96VA	TR100VA001	22.20	21.50
C	UL Class 2	foot/hub	1	ckt breaker	120/240/277/480:24	96VA	LE17550	24.20	23.00
D	UL Class 2	foot/hub	2	ckt breaker	120/240/277/480:24	96VA	LE17000	23.90	23.00
D	UL Class 2	foot/hub	2	ckt breaker	120/240/277/480:24	100VA	TR100VA004	23.90	23.00
E	UL Recog	foot/hub	1	ckt breaker	120:24	150VA	TR150VA001	27.50	26.20
F	UL Recog	foot/hub	2 BO ²	inherent	120:24	175VA	TR175VA002	31.40	29.90
F	UL Recog	foot/hub	1 + 1 BO ²	inherent	120:24	240VA	TR240VA001	41.50	39.50
F	UL Recog	foot	2 BO ²	inherent	120:24	375VA	TR375VA001	47.00	44.80

¹ UL USA and Canada

² leadwires exit through bottom opening

Control Transformers

Open Frame, Foot Mount

Class 2, UL Recognized USA and Canada



LE60025, LE60075,
LE60100



LE60125, LE60175,
LE60200

Overcurrent Protection	Primary:Secondary Voltage	VA Rating	Dynacon Part No.	Price Each	
				1 - 5	6 - Up
inherent	120:24	40VA	LE60025	6.90	6.60
inherent	120/208/240:24	40VA	LE60075	7.60	7.20
inherent	120/208/240:24	50VA	LE60100	8.30	7.90
ckt breaker	120/208/240/480:24	50VA	LE60125	15.80	15.00
ckt breaker	120/208/240/480:24	75VA	LE60175	17.00	16.20
ckt breaker	120/208/240/480:24	96VA	LE60200	18.40	17.50

To view data sheets or purchase online, go to www.dynacononline.com

DC Power Supplies

Class 2, UL Listed USA and Canada



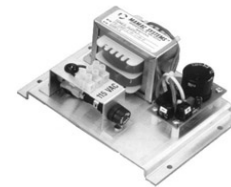
PSP24DA



LD01105



PSM, PSMN Series



PS-200 Series

Style/Mounting	Voltage Input	Voltage Output	Output Current	On/Off Switch	Dynacon Part No.	Price Each	
						1 - 5	6 - Up
2.75" track mount ¹ enclosed; 1/2" NPT nipple	24 VAC	1.5-28 VDC; non-isolated ³	300 mA	No	PSMN24DA	15.90	14.80
2.75" track mount ¹ enclosed; 1/2" NPT nipple	24 VAC	1.5-28 VDC; non-isolated ³	300 mA	No	PSP24DA	23.70	22.00
2.25" track mount ¹	24 VAC/DC ²	1.5-28 VDC; isolated	1.5 Amp	No	LD01105 ⁴	24.00	22.40
4" or 2.75" track mount ¹	24 VAC	1.5-28 VDC; isolated	300 mA	Yes	PSM24A24DAS	31.80	29.60
4" or 2.75" track mount ¹	120 VAC	1.5-28 VDC; isolated	300 mA	Yes	PSM19A24DAS	31.80	29.60
flush mount in panel	115 VAC	5-25 VDC; isolated	1.5 Amp	No	PS-200-1-A-1-L	38.00	38.00
2.75" track mount ¹	120 VAC	24 VDC; isolated	1 Amp	Yes	PSMN40A24DS	40.90	38.10
flush mount in panel	115 VAC	5-25 VDC; isolated	3 Amp	No	PS-200-1-B-1-L	49.00	49.00

¹ section of track supplied for mounting in panel

² input power can be full wave or half wave rectified

³ requires separate ungrounded transformer when used with half wave rectified power supply

⁴ Class 2, UL Recognized USA and Canada

24 VAC Power Supplies

Class 2, UL Listed USA and Canada

Packaged In Metal Enclosure for Surface or Panel Mounting



PSH-100A Series



PSH100A100AB10



PSH300A, PSH500A

Primary Wiring Termination	Aux Output	Primary Breaker	Primary Voltage	Output Voltage	Output VA	Dynacon Part No.	Price Each	
							1 - 5	6 - Up
leadwires	---	---	120 VAC	24 VAC	40VA	PSH40A	49.80	46.30
leadwires	---	---	120/208/240/277/480 VAC	24 VAC	75VA	PSH75A	60.90	56.70
leadwires	120VAC	10 Amp	120 VAC	24 VAC	75VA	PSH75AB10	67.40	62.80
leadwires	---	---	120 VAC	24 VAC	100VA	PSH100A	63.80	59.40
leadwires	120VAC	10 Amp	120 VAC	24 VAC	100VA	PSH100AB10	68.10	63.40
leadwires	120VAC	10 Amp	120 VAC	24 VAC	(2) 100VA	PSH100A100AB10	112.30	104.60
terminal blocks	---	---	120/240 VAC	24 VAC	(3) 100VA	PSH300A	183.60	171.00
terminal blocks	---	---	120/240 VAC	24 VAC	(5) 100VA	PSH500A	226.20	210.60

Convenience Outlets

Outlets can be continuously energized or controlled by circuit breaker

Indicator light for presence of input power.



Wiring Connections	Output Power @ Convenience Outlets	Input (Line) Power	Circuit Breaker	Dynacon Part No.	Price Each	
					1 - 5	6 - Up
screw terminals	two 120 VAC outlets	120 VAC	SPST, 10A	PSPT2RB10	21.90	20.40
16" leadwires	two 120 VAC outlets	120 VAC	SPST, 10A	PSPW2RB10	20.90	19.50

To view data sheets or purchase online, go to www.dynacononline.com

Proportional Thermostat Packages

Include Horizontal Thermostat, Almond ABS Window Cover, and Backplate to Mount to 2"x4" Electrical Box



Two Outputs per Set Point: One Fixed & One Adjustable

Both Start and End Points of Output Range Adjustable Inwardly

Proportional Band: 2° F for Adjustable Outputs; 4° F for Fixed Outputs

55-85° F range; Optional Scaleplate Assembly for °C range and/or Vertical Mounting

Optional XEE-5002 power supply may be used as DC power source.

Supply Voltage	Thermostat Action	Thermostat Terminal Outputs		Dynacon Part No.	Price Each	
		Upper Set Point	Lower Set Point		1 - 5	6 - Up
15-19 VDC	single setpoint, direct acting	0-10 VDC, adj. (T1) 0-10 VDC, fixed (T3)	----	CTE-5101-10	58.00	53.00
15-19 VDC	single setpoint, reverse acting	10-0 VDC, adj. (T1) 10-0 VDC, fixed (T3)	----	CTE-5102-10	58.00	53.00
15-19 VDC	dual setpoint, direct/reverse acting, cooling/heating	0-10 VDC, adj. (T1) 0-10 VDC, fixed (T3)	10-0 VDC, adj. (T2) 10-0 VDC, fixed (T4)	CTE-5103-10	73.00	66.00
15-19 VDC	dual setpoint, direct/reverse acting, cooling/reheat	0-10 VDC, adj. (T1) 10-0 VDC, fixed (T3)	0-10 VDC, adj. (T2) ---	CTE-5104-10	73.00	66.00
15-19 VDC	dual setpoint, direct/direct acting, day/night	0-10 VDC, adj. (T1) 0-10 VDC, fixed (T3)	0-10 VDC, adj. (T2) 0-10 VDC, fixed (T4)	CTE-5105-10	73.00	66.00

Accessories

setpoint stops - strip of 4 break apart stops	HFO-0027	0.60	0.50
scaleplate assembly to convert to vertical mounting, 55-85°F range	HPO-0061-10	6.50	5.90
scaleplate assembly to convert to horizontal mounting, 13-29°C range	HPO-0060-11	6.50	5.90
scaleplate assembly to convert to vertical mounting, 13-29°C range	HPO-0061-11	6.50	5.90
hollow wall mounting kit (bracket, screws & cutout template)	HMO-5023	3.50	3.20
power supply; 24 VAC @ 1VA supply voltage; 16 VDC @ 25 mA output voltage	XEE-5002	25.00	22.70

CROSS REFERENCE TO PART NUMBERS OF TERMINAL UNIT MANUFACTURERS

Dynacon	Nailor	Carnes	Anemostat	Price Ind.	Titus
CTE-5101-10	B3-3001-191	999-2662		019814-001	10269601, 10269606
CTE-5102-10			13-33		10269607
CTE-5103-10	B3-3001-186	999-2663	13-35		10269603, 10269608
CTE-5104-10		999-2664	13-34	019816-001	10269604, 10269609

FOR INFORMATION ON USING WITH CSP-500 I CONTROLLER-ACTUATOR SEE ELECTRONIC VAV CONTROLS IN THIS SECTION

Line Voltage Thermostats

Shadow White Finish; Vertical Mount



UL Listed; CSA Certified

Differential: 2° F Heating; 4° F Cooling

Contact Ratings: 22A @ 125-277 VAC Non-Inductive;
3/4 HP @ 125 VAC; 1-1/2 HP @ 250/277 VAC Inductive

Mounts in standard 2"x4" vertical electric box

System/Fan		Set Point Range		Application	Switch Type	Dynacon Part No.	Price Each	
Switch	Thermometer	(dual °F/°C scale on face)					1 - 5	6 - Up
None	None	50-90°F; 10-32°C		heating only	SPST	ET-5SS	13.90	12.60
None	None	50-90°F; 10-32°C		heating or cooling only	SPDT	ETD-5SS	15.30	13.90

To view data sheets or purchase online, go to www.dynacononline.com

Electric Thermostats

CTE-6100 Series Low & Line Voltage Thermostats

UL Listed USA and Canada

For 2-Pipe or 4-Pipe Fan Coil Units



Operating Differential: 2°F (1.1°C) nominal.

Thermostat Switch Ratings:

Heating: 10VA for 24V models; 8VA for 120-277V models.

Cooling: 10VA for 24V models; 50VA for 120-277 models.

Fan/System Switch Ratings:

5.8A for 120V models; 4.9A for 240 VAC models; 4.1A for 277 VAC models.

24VA pilot duty for 24 VAC models; 125VA for 120-277 VAC models.

Heating and cooling
anticipation on all models.

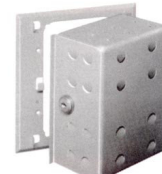
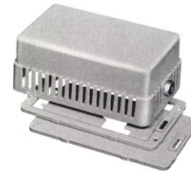
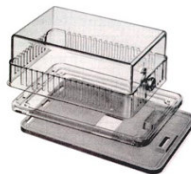
Mount directly to wall or fan coil unit; or to handibox with optional backplate

Application	Set Point Range	System Switch	Fan Switch	Thermostat Voltage	Dynacon Part No.	Price Each	
						1 - 5	6 - Up
2 pipe: heating only or cooling only; heating/cooling with changeover switch	50-90°F	On-Off	Hi-Med-Low	24 VAC	CTE-6101-10 ¹	38.80	35.30
	50-90°F	On-Off	Hi-Med-Low	120 VAC	CTE-6111-10 ¹	38.80	35.30
	50-90°F	On-Off	Hi-Med-Low	240 VAC	CTE-6121-10 ¹	38.80	35.30
	50-90°F	On-Off	Hi-Med-Low	277 VAC	CTE-6131-10 ¹	38.80	35.30
2 pipe: heating/cooling using system switch for manual changeover	50-90°F	Cool-Off-Heat	Hi-Med-Low	24 VAC	CTE-6102-10 ¹	38.80	35.30
	50-90°F	Cool-Off-Heat	Hi-Med-Low	120 VAC	CTE-6112-10 ¹	38.80	35.30
	50-90°F	Cool-Off-Heat	Hi-Med-Low	240 VAC	CTE-6122-10 ¹	38.80	35.30
	50-90°F	Cool-Off-Heat	Hi-Med-Low	277 VAC	CTE-6132-10 ¹	38.80	35.30
4 pipe: heating/cooling using system switch for manual changeover	50-90°F	Cool-Off-Heat	Hi-Med-Low	24 VAC	CTE-6103-10 ¹	38.80	35.30
	50-90°F	Cool-Off-Heat	Hi-Med-Low	120 VAC	CTE-6113-10 ¹	38.80	35.30
	50-90°F	Cool-Off-Heat	Hi-Med-Low	240 VAC	CTE-6123-10 ¹	38.80	35.30
	50-90°F	Cool-Off-Heat	Hi-Med-Low	277 VAC	CTE-6133-10 ¹	38.80	35.30
4.8" x 4.8" backplate to mount thermostat to 2x4 or 4x4 handibox					HMO-5044	5.30	4.80

¹ for 10-30°C set point range/scale, substitute -11 for -10 in part number

Thermostat Guards

Supplied with Lock and 2 Keys



Inside Dimensions Length x Height x Depth	Cover	Wallplate / Base		Dynacon Part No.	Price Each	
		Material	Type		1 - 5	6 - Up
5-1/4" x 4-5/8" x 3"	clear plastic	plastic	(1) ring + (1) solid	BTG-K	11.20	9.10
6-3/8" x 3-1/2" x 3"	clear plastic	plastic	(1) ring + (1) solid	BTG-RK	11.20	9.10
6-3/8" x 3-1/2" x 3"	opaque beige plastic	plastic	(1) ring + (1) solid	BTG-RO	11.20	9.10
8-1/4" x 5-3/8" x 3-1/2"	clear plastic	plastic	(1) ring + (1) solid	BTG-UK2	11.20	9.10
6" x 3-13/16" x 3-1/8"	metal, hinged	metal	ring	BTG-54VLW	16.70	13.50
6-5/8" x 4-1/2" x 3-3/8"	metal	metal	ring	BTG-UWM	16.70	13.50

To view data sheets or purchase online, go to www.dynacononline.com

Output Transducers

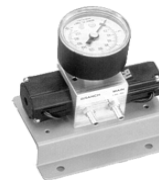
Electric-to-Pneumatic Transducers

Analog Input

Panel Mount, 1/4" Barb Connections



XEC-3001



EP-311, 313

Air Capacity	Air Consumption	Supply Voltage	Control Input ¹	Control Output	Manual Override	With Gauge	Dynacon Part No.	Price Each	
								1 - 5	6 - Up
200 scim	25.8 scim	24 VAC/DC	4-20 mA, 1-5 VDC, 2-10 VDC	3-15 psig			XEC-3001	89.00	81.00
200 scim	25.8 scim	24 VAC/DC	4-20 mA, 1-5 VDC, 2-10 VDC	3-15 psig		x ²	XEC-3001-G	93.00	85.00
200 scim	25.8 scim	24 VAC/DC	4-20 mA, 1-5 VDC, 2-10 VDC	3-15 psig	x		XEC-3004	108.00	99.00
200 scim	25.8 scim	24 VAC/DC	4-20 mA, 1-5 VDC, 2-10 VDC	3-15 psig	x	x ²	XEC-3004-G	112.00	103.00
550 scim	None	24 VAC/DC	4-20 mA, 0-5 VDC, 0-10 VDC	3-15 psig		x	EP-311-315	93.00	89.50
550 scim	None	24 VAC/DC	4-20 mA, 0-5 VDC, 0-10 VDC	0-20 psig		x	EP-311-020	93.00	89.50
550 scim	None	24 VAC/DC	4-20 mA, 0-5 VDC, 0-10 VDC	3-15 psig	x	x	EP-313-315	104.00	99.00
550 scim	None	24 VAC/DC	4-20 mA, 0-5 VDC, 0-10 VDC	0-20 psig	x	x	EP-313-020	104.00	99.00

¹ field selectable

² gauge packaged separately

Electric-to-Pneumatic Transducer

Tri-State Input

Surface or Panel Mounting.

1/4" quick connect terminals for input terminations.

Nipple for 1/4" OD polyethylene tubing air connection.

Surface or Panel Mounting. Visual indication of percentage of output.



Air Capacity/Consumption	Output Timing	Input Signal	Output Signal	Dynacon Part No.	Price Each	
					1 - 5	6 - Up
28.8 scim	0.32 psi per second	3-wire, 24 VAC, tri-state	2-18 psig	YEC-1101	103.00	94.00

Miscellaneous Transducers

XEE-1501 Pulse Width Transducer

Output linear across 0-10 VDC; 2.5 sec pulse = 5 VDC output

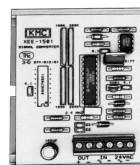
Section of mounting track supplied for panel installation

REE-2002/2005 Analog Signal Transducers;

TPE-1001 Pneumatic-to-Electric Transducer

Output load capacities (refer to data sheet)

Surface, panel or handibox mount



XEE-1501



REE-2002, 2005;
TPE-1001

Power Supply	Input Signal	Output Signal	Dynacon Part No.	Price Each	
				1 - 5	6 - Up
24 VAC	24 VAC pulse width, (0-5 sec)	0-10 VDC across 5 second pulse	XEE-1501	52.10	47.40
24VAC or 22-40 VDC	0-5 VDC	4-20 mA or 0-10 VDC	REE-2002	30.70	27.90
24VAC or 22-40 VDC	0-10 VDC	0-20 mA	REE-2005	30.30	27.50
24 VAC	0-15 psig (0-103 kPa)	0-20 mA; 0-5 VDC; 0-10 VDC	TPE-1001 ¹	85.80	78.00

¹ see Transducers in Pneumatic Section for more details

Temperature Sensors

Space Temperature Sensors

MAMAC



TE-205-EX



TE-205-M



TE-205-P

Description	Dynacon Part No.	Price Each Any Quantity	
		RTD	Thermistor
Space Sensor only	TE-205-EX-◆-0	7.70	6.30
with Pushbutton Override	TE-205-EX-◆-1	10.50	9.10
with Pushbutton Override & Set Point Adjust	TE-205-EX-◆-2	12.60	11.20
with Pushbutton Override, Set Point Adjust & RJ11 Jack	TE-205-EX-◆-3	14.70	13.30
with Set Point Adjust	TE-205-EX-◆-4	10.50	9.10
with Pushbutton Override & RJ11 Jack	TE-205-EX-◆-5	12.60	11.20
Space Sensor in Micro Cover (1-1/2" x 2" x 1" deep)	TE-205-M-◆	7.70	6.30
Space Sensor on Stainless Steel Wall Plate (insulated backing)	TE-205-P-◆	9.80	8.40

◆ Insert Sensor Code from Table A for type of RTD or Thermistor sensor

Mount directly on wall or electrical outlet box

Example: TE-205-EX-10-2 is a 3,000 Ω thermistor space temperature sensor with executive cover, pushbutton override and set point adjustment

TABLE A. SENSOR CODES

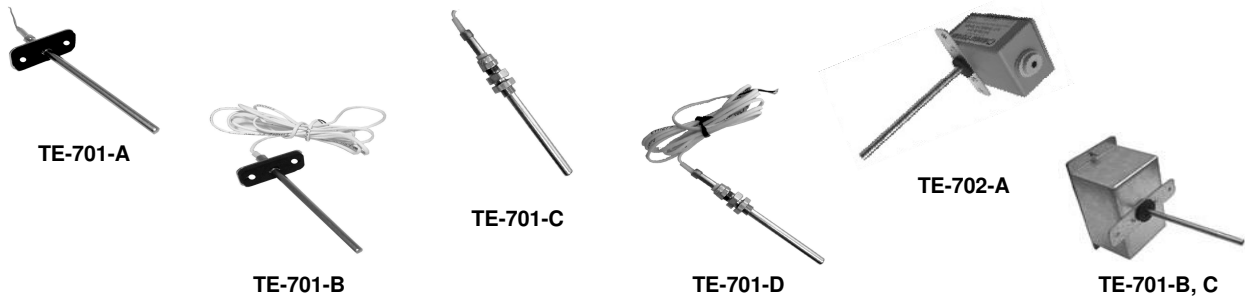
Code	Sensor Type	Typical Users	Leadwires
1	100 Ω Platinum RTD		yellow/yellow
3	1000 Ω Platinum RTD	Circon; Honeywell T700X, T7506; Johnson TE-632xP; Trane	red/red
4	1000 Ω Nickel Iron RTD	Johnson JC80, JC85, Metasys, TE631xP; York	violet/violet
5	1000 Ω Balco RTD	Invensys System 80; Trane	brown/brown
7	10,000 Ω Thermistor, Type III	AET; American Automatrix; Andover; Carrier; Delta; Invensys; KMC Controls; Reliable; TAC; Teletrol; York	green/green
10	3,000 Ω Thermistor	Alerton IBEX; ASI; ATS; Mammoth; Snyder General	black/black
12	10,000 Ω Thermistor, Type II	Automated Logic; Alerton; BACnet; Circon; Governair; Lennox; Liebert; Mammoth; Triangle MicroSystems; Trend; Trane	red/green
13	5,000 Ω Thermistor		yellow/black
15	100,000 Ω Thermistor	Siemens; Landis & Staefa	black/orange
17	20,000 Ω Thermistor	Honeywell XL	blue/green
18	2,252 Ω Thermistor		red/yellow
21	1,800 Ω Thermistor	TAC (CSI)	brown/orange

To view data sheets or purchase online, go to www.dynacononline.com

Temperature Sensors

Duct Temperature Sensors

MAMAC



Description	Dynacon Part No.	Price Each Any Quantity	
		RTD	Thermistor
Mounting Flange with 3-in leadwires	TE-701-A-◆-□	7.00	5.60
Mounting Flange with 6-ft plenum cable	TE-701-B-◆-□	8.40	7.00
Bulkhead Fitting (adjustable depth) with 3-in leadwires	TE-701-C-◆-□	7.00	5.60
Bulkhead Fitting (adjustable depth) with 6-ft plenum cable	TE-701-D-◆-□	8.40	7.00
Polycarbonate Enclosure (IP54), UL94V-5-0 plenum rated	TE-702-A-◆-□	9.10	7.70
NEMA 1 galvanized Steel Enclosure (IP30)	TE-702-B-◆-□	10.50	9.10
NEMA 4 painted Steel Enclosure (IP65)	TE-702-C-◆-□	18.90	17.50

1/4" OD type 304 stainless steel waterproof probe on all models

All TE-702 models have 6-inch leadwires with terminal block

◆ Insert Sensor Code from Table A for type of RTD or Thermistor sensor

□ Insert letter for desired Sensor Probe Length:
 A = 4 inches
 B = 6 inches
 C = 8 inches
 D = 12 inches

Example: TE-701-B-7-A is a 10,000Ω type III thermistor duct temperature sensor with mounting flange, 6 feet of plenum cable and 4 inch probe length

TABLE A. SENSOR CODES

Code	Sensor Type	Typical Users	Leadwires
1	100Ω Platinum RTD		yellow/yellow
3	1000Ω Platinum RTD	Circon; Honeywell T700X, T7506; Johnson TE-632xP; Trane	red/red
4	1000Ω Nickel Iron RTD	Johnson JC80, JC85, Metasys, TE631xP; York	violet/violet
5	1000Ω Balco RTD	Invensys System 80; Trane	brown/brown
7	10,000Ω Thermistor, Type III	AET; American Automatrix; Andover; Carrier; Delta; Invensys; KMC Controls; Reliable; TAC; Teletrol; York	green/green
10	3,000Ω Thermistor	Alerton IBEX; ASI; ATS; Mammoth; Snyder General	black/black
12	10,000Ω Thermistor, Type II	Automated Logic; Alerton; BACnet; Circon; Governair; Lennox; Liebert; Mammoth; Triangle MicroSystems; Trend; Trane	red/green
13	5,000Ω Thermistor		yellow/black
15	100,000Ω Thermistor	Siemens; Landis & Staefa	black/orange
17	20,000Ω Thermistor	Honeywell XL	blue/green
18	2,252Ω Thermistor		red/yellow
21	1,800Ω Thermistor	TAC (CSI)	brown/orange

To view data sheets or purchase online, go to www.dynacononline.com

Temperature Sensors

Duct Averaging Temperature Sensors

MAMAC

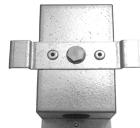


Enclosure Type	Element Type	Element Length	Dynacon Part No.	Price Each Any Quantity	
				RTD	Thermistor
plastic (IP54)	flexible plenum cable	6-feet	TE-705-A-◆-A-2	40.60	35.00
plastic (IP54)	flexible plenum cable	12-feet	TE-705-A-◆-B-2	43.40	37.80
plastic (IP54)	flexible plenum cable	24-feet	TE-705-A-◆-C-2	47.60	42.00
NEMA 1 steel	flexible plenum cable	6-feet	TE-705-B-◆-A-2	40.60	35.00
NEMA 1 steel	flexible plenum cable	12-feet	TE-705-B-◆-B-2	43.40	37.80
NEMA 1 steel	flexible plenum cable	24-feet	TE-705-B-◆-C-2	47.60	42.00
NEMA 1 steel	flexible aluminum tube	6-feet	TE-705-B-◆-A-1	47.60	42.00
NEMA 1 steel	flexible aluminum tube	12-feet	TE-705-B-◆-B-1	50.40	44.80
NEMA 1 steel	flexible aluminum tube	24-feet	TE-705-B-◆-C-1	54.60	49.00
NEMA 4 steel	flexible plenum cable	6-feet	TE-705-C-◆-A-2	49.00	43.40
NEMA 4 steel	flexible plenum cable	12-feet	TE-705-C-◆-B-2	51.80	46.20
NEMA 4 steel	flexible plenum cable	24-feet	TE-705-C-◆-C-2	56.00	50.40
NEMA 4 steel	flexible aluminum tube	6-feet	TE-705-C-◆-A-1	56.00	50.40
NEMA 4 steel	flexible aluminum tube	12-feet	TE-705-C-◆-B-1	58.80	53.20
NEMA 4 steel	flexible aluminum tube	24-feet	TE-705-C-◆-C-1	63.00	57.40

◆ Insert Sensor Code from Table A for type of RTD or Thermistor sensor

Strap-on & Pipe/Surface Temperature Sensors

MAMAC



Mounting brackets on TE-704-B, C, D channelled to accept pipe straps

Description	Dynacon Part No.	Price Each Any Quantity	
		RTD	Thermistor
strap-on sensor with 2-inch SS probe & 6-ft plenum cable	TE-704-A-◆	8.40	7.00
flush contact Surface Sensor in Polycarbonate Enclosure	TE-704-B-◆	10.50	9.10
flush contact Surface Sensor in NEMA 1 Steel Enclosure	TE-704-C-◆	11.20	9.80
flush contact Surface Sensor in NEMA 4 Steel Enclosure	TE-704-D-◆	19.60	18.20

◆ Insert Sensor Code from Table A for type of RTD or Thermistor sensor

Outside Air Temperature Sensor

MAMAC



Mounts to 1/2" threaded conduit or conduit fitting

-40 to 250°F (-40 to 121°C) Range

	Dynacon Part No.	Price Each Any Quantity	
		RTD	Thermistor
weatherproof enclosure with sun shield	TE-205-F-◆	14.00	12.60

◆ Insert Sensor Code from Table A for type of RTD or Thermistor sensor

To view data sheets or purchase online, go to www.dynacononline.com

Immersion Temperature Sensors

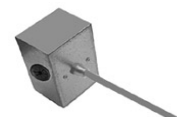
MAMAC



TE-703-A



TE-703-B



TE-703-C, D

Description	Well Adapter	Dynacon Part No.	Price Each Any Quantity	
			RTD	Thermistor
1/4" MPT Well Adapter ¹ with 6-ft plenum cable	1/4" MPT	TE-703-A-◆-□-2	9.80	8.40
1/2" MPT Well Adapter ¹ with 6-ft plenum cable	1/2" MPT	TE-703-A-◆-□-3	9.80	8.40
Polycarbonate Enclosure (IP54)	1/4" MPT	TE-703-B-◆-□-2	9.80	8.40
Polycarbonate Enclosure (IP54)	1/2" MPT	TE-703-B-◆-□-3	9.80	8.40
NEMA 1 galvanized Steel Enclosure (IP30)	1/4" MPT	TE-703-C-◆-□-2	11.20	9.80
NEMA 1 galvanized Steel Enclosure (IP30)	1/2" MPT	TE-703-C-◆-□-3	11.20	9.80
NEMA 4 painted Steel Enclosure (IP65)	1/4" MPT	TE-703-D-◆-□-2	19.60	18.20
NEMA 4 painted Steel Enclosure (IP65)	1/2" MPT	TE-703-D-◆-□-3	19.60	18.20

¹ supplied with compression sleeve which allows insertion depth to be field adjusted

◆ Insert Sensor Code from Table A for type of RTD or Thermistor sensor

□ Insert letter for desired Sensor Probe Length:

A = 4 inches

B = 6 inches

C = 8 inches

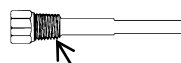
Example: TE-703-C-3-B-3 is a 1000Ω platinum RTD immersion temperature sensor in a NEMA 1 enclosure with 6" probe and 1/2" MPT well adapter

Thermowells

Internal Thread



External Thread



Pipe Threads		Material	Length	Dynacon Part No.	Price Each
Internal	External				
1/2" FPT	3/4" MPT	Brass	4-in	A-500-1-A-1	12.60
1/2" FPT	3/4" MPT	Brass	6-in	A-500-2-A-1	15.40
1/2" FPT	3/4" MPT	Brass	8-in	A-500-3-A-1	18.20
1/4" FPT	1/2" MPT	Brass	4-in	A-500-1-B-1	12.60
1/4" FPT	1/2" MPT	Brass	6-in	A-500-2-B-1	15.40
1/4" FPT	1/2" MPT	Brass	8-in	A-500-3-B-1	18.20
1/2" FPT	3/4" MPT	304 Stainless Steel	4-in	A-500-1-A-2	16.80
1/2" FPT	3/4" MPT	304 Stainless Steel	6-in	A-500-2-A-2	22.40
1/2" FPT	3/4" MPT	304 Stainless Steel	8-in	A-500-3-A-2	28.00
1/4" FPT	1/2" MPT	304 Stainless Steel	4-in	A-500-1-B-2	16.80
1/4" FPT	1/2" MPT	304 Stainless Steel	6-in	A-500-2-B-2	22.40
1/4" FPT	1/2" MPT	304 Stainless Steel	8-in	A-500-3-B-2	28.00
thermowell compound, 1 oz syringe				A-505	7.50

TABLE A. SENSOR CODES

Code	Sensor Type	Typical Users	Leadwires
1	100Ω Platinum RTD		yellow/yellow
3	1000Ω Platinum RTD	Circon; Honeywell T700X, T7506; Johnson TE-632xP; Trane	red/red
4	1000Ω Nickel Iron RTD	Johnson JC80, JC85, Metasys, TE631xP; York	violet/violet
5	1000Ω Balco RTD	Invensys System 80; Trane	brown/brown
7	10,000Ω Thermistor, Type III	AET; American Automatrix; Andover; Carrier; Delta; Invensys; KMC Controls; Reliable; TAC; Teletrol; York	green/green
10	3,000Ω Thermistor	Alerton IBEX; ASI; ATS; Mammoth; Snyder General	black/black
12	10,000Ω Thermistor, Type II	Automated Logic; Alerton; BACnet; Circon; Governair; Lennox; Liebert; Mammoth; Triangle MicroSystems; Trend; Trane	red/green
13	5,000Ω Thermistor		yellow/black
15	100,000Ω Thermistor	Siemens; Landis & Staefa	black/orange
17	20,000Ω Thermistor	Honeywell XL	blue/green
18	2,252Ω Thermistor		red/yellow
21	1,800Ω Thermistor	TAC (CSI)	brown/orange

To view data sheets or purchase online, go to www.dynacononline.com

Humidity Transmitters

Space, Duct, Outside Air

Space transmitter supplied with off-white cover and mounts flush on wall or to 2x4 handibox.

Duct/OSA transmitters supplied in NEMA 4 enclosure with 1/2" conduit knockout and integral mounting bracket.

HU-224



HU-225

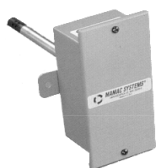


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Accuracy	Application	Supply Voltage	Output Signal	Dynacon Part No.	Net Each
2%	Duct / Outside Air	24 VDC	4-20 mA	HU-224-2-MA	86.00
2%	Duct / Outside Air	24 VAC/DC	0-5 VDC, 0-10 VDC	HU-224-2-VDC	86.00
2%	Space	24 VDC	4-20 mA	HU-225-2-MA	76.00
2%	Space	24 VAC/DC	0-5 VDC, 0-10 VDC	HU-225-2-VDC	76.00
3%	Duct / Outside Air	24 VDC	4-20 mA	HU-224-3-MA	75.00
3%	Duct / Outside Air	24 VAC/DC	0-5 VDC, 0-10 VDC	HU-224-3-VDC	75.00
3%	Space	24 VDC	4-20 mA	HU-225-3-MA	63.00
3%	Space	24 VAC/DC	0-5 VDC, 0-10 VDC	HU-225-3-VDC	63.00

Duct Mount Temperature / Humidity Transmitters

MAMAC



Temp Sensor	Humidity Component			Dynacon Part No.	Net Each
	Supply	Output	Accuracy		
Table A	12-40 VDC	4-20 mA	2%	HU-226-2-MA-◆	98.00
Table A	24 VAC/DC	0-5/0-10 VDC	2%	HU-226-2-VDC-◆	98.00
Table A	12-40 VDC	4-20 mA	3%	HU-226-3-MA-◆	84.00
Table A	24 VAC/DC	0-5/0-10 VDC	3%	HU-226-3-VDC-◆	84.00

◆ Insert Sensor Code from Table B for type of RTD or Thermistor sensor

TABLE B. SENSOR CODES FOR DUCT TEMPERATURE / HUMIDITY TRANSMITTERS

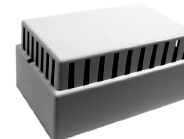
Code	Sensor Type	Typical Users	Leadwires
3	1000Ω Platinum RTD	Circon; Honeywell T700X, T7506; Trane	red/red
5	1000Ω Balco RTD	Invensys System 80; Trane	brn/brn
7	10,000Ω Thermistor, Type III	AET; American Automatrix; Andover; Carrier; Delta; Invensys; KMC; Reliable; TAC; Teletrol; York	green/green
10	3,000Ω Thermistor	Alerton IBEX; ASI; ATS; Mammoth; Snyder General;	black/black
12	10,000Ω Thermistor, Type II	Automated Logic; Alerton; BACnet; Circon Lennox; Liebert; Mammoth; Trend; Trane	red/green
17	20,000Ω Thermistor	Honeywell XL	blue/green

Wall Mount Temperature / Humidity Transmitter

Supplied with Almond ABS Cover

Silicon CMOS humidity sensor

Output Capacity: 1000 ohms or greater



Temperature Sensor	Humidity Component			Dynacon Part No.	Price Each	
	Supply Voltage	Output	Accuracy		1 - 5	6 - Up
10,000Ω Thermistor, Type II	24 VAC; 28-40 VDC	0-5/0-10 VDC	2%	THE-1105	89.00	84.00
	hollow wall mounting kit (bracket, screws & cutout template)			HMO-5023	3.50	3.20
	horizontal mount backplate for mounting to 2x4 electrical box, almond			HMO-5024	5.20	4.70
	horizontal mount backplate for mounting to 2x4 electrical box, white			HMO-5026	5.70	5.20
	vertical mount backplate for mounting to 2x4 electrical box, almond			HMO-5030	4.75	4.40
	horizontal backplate for mounting to 2x4 electrical box, white			HMO-5031	5.00	4.70
	white ABS cover			HPO-1502	5.30	4.80
	brushed aluminum metal cover			HPO-1503	16.60	15.10

To view data sheets or purchase online, go to www.dynacononline.com

Low Pressure Transmitters

MAMAC



PR-274



PR-275

Field configurable as reverse output (20-4 mA or 10/5-0 VDC) single point controllers

Packaging	Supply Voltage	Output Signal	Dynacon Part No.	Net Each
NEMA 4 Enclosure	12-40 VDC	4-20 mA	PR-274-◆-MA	98.00
NEMA 4 Enclosure	12-40 VDC, 12-35 VAC	0-5 VDC, 0-10 VDC	PR-274-◆-VDC	98.00
Panel Mount	12-40 VDC	4-20 mA	PR-275-◆-MA	92.00
Panel Mount	12-40 VDC, 12-35 VAC	0-5 VDC, 0-10 VDC	PR-275-◆-VDC	92.00

◆ Insert desired Pressure Range Category from TABLE A

Pressure ranges within each Range Category (R1, R2, R3, R4) are dip switch selectable

Guaranteed zero calibration for all ranges

Do not have to touch zero trimmer when changing ranges

TABLE A. PR-274, PR-275 PRESSURE RANGE CATEGORIES

R1	+/-0.05" wc/12.5 pa; 0-0.10' wc/25 pa
R2	0-1.0" wc/ 250 pa; 0-0.5" wc/125 pa; 0-0.25" wc/62.5 pa; +/-0.5" wc/125 pa; +/-0.25" wc/62.5 pa; +/-0.125 wc/31.25 pa
R3	0-5.0" wc/1250 pa; 0-2.5 wc/625 pa; 0-1.25" wc/312.5 pa; +/-2.5" wc/625 pa; +/-1.25" wc/312.5 pa; +/-0.625" wc/156.25 pa
R4	0-30" wc/7500 pa; 0-15" wc/3750 pa; 0-7.5" wc/1875 pa; +/-15" wc/3750 pa; +/-7.5" wc/1875 pa; +/-3.75" wc/ 937.5 pa

Example: PR-275-R3-MA is a panel mount transmitter with R3 pressure ranges (dip switch selectable) and 4-20 mA output signal

Static Pressure Probes



Air Connection	Probe Length	Dynacon Part No.	Price Each	
			1 - 5	6 - Up
1/4" hose barb	4 inches	A-520-1-A-1	6.50	6.00
1/4" hose barb	6 inches	A-520-2-A-1	6.50	6.00

Dual Orifice Design

Aluminum Construction

Pneumatic Pressure Transmitters

MAMAC

Dry Air or Inert Gas

Solid state piezoresistive silicon sensor

Load impedance: 1.6KΩ maximum at 40VDC for mA output models.

1KΩ minimum for VDC output models.



Packaging	Supply Voltage	Output Signal	Dynacon Part No.	Net Each
NEMA 4 Enclosure	12-40 VDC	4-20 mA, 2-wire	PR-243-◆-MA	63.00
NEMA 4 Enclosure	12-40 VDC, 12-35 VAC	0-5 VDC, 0-10 VDC	PR-243-◆-VDC	63.00

◆ Insert desired Pressure Range Category from TABLE B

TABLE B. PR-243 PRESSURE RANGE CATEGORIES

R1	0-20 psig; 0-10 psig; 0-5 psig
R2	0-30 psig; 0-15 psig; 0-7.5 psig
R3	3-15 psig

Example: PR-243-R2-MA is a transmitter with R2 pressure ranges (dip switch selectable) and 4-20 mA output signal.

To view data sheets or purchase online, go to www.dynacononline.com

Differential Pressure Transmitters

MAMAC

All Media, Wet / Wet

Media: liquid / gases compatible to 304 stainless steel

Accuracy: 1% (includes linearity, repeatability, hysteresis, stability and temperature compensation)

Maximum Differential Pressure: 200% of rated range

Maximum Static Pressure: 200% of ΔP range

Maximum Supply Voltage: 24 VAC; 28 VDC unregulated

Piping Connections: 1/8" NPT male



Packaging	Supply Voltage	Output Signal	ΔP Range	Dynacon Part No.	Net Each
NEMA 1	24 VDC	□ insert in part number	◆ insert in part number	PR-282-□ - ◆ -A-1-2-B	245.00
NEMA 1	24 VAC	□ insert in part number	◆ insert in part number	PR-282-□ - ◆ -B-1-2-B	245.00
			3-valve manifold	VM-575	200.00

□ insert Code for desired Output: 2 = 0-5 VDC; 3 = 0-10 VDC; 4 = 4-20 mA

◆ Insert Code for desired Pressure Range: 1 = 0-20 psid; 2 = 0-30 psid; 3 = 0-50 psid; 4 = 0-100 psid

Temperature Transmitters

MAMAC

Space, Duct, Immersion, Outside Air

IC sensor models are factory calibrated but zero and span trimmers are provided to adjust the output if necessary.



Enclosure	Probe Length	Thermowell Fitting	Supply Voltage	Output	Temperature Range	Dynacon Part No.	Net Each
Supplied with 100 ohm Platinum Sensor							
space	---	---	24 VDC	4-20 mA ¹	insert □	TE-211Y-A- 1 - E - □	45.00
duct	8 inches	---	24 VDC	4-20 mA ¹	insert □	TE-211Y-B-C-2- 1 - E - □	52.00
immersion	4 inches	1/2" NPT	24 VDC	4-20 mA ¹	insert □	TE-211Y-C-A-2-B- 1 - E - □	52.00
outdoor air	---	---	24 VDC	4-20 mA ¹	insert □	TE-211Y-F- 1 - E - □	52.00
Supplied with 1000 ohm Platinum Sensor							
space	---	---	24 VDC	4-20 mA ¹	insert □	TE-211Z-A- 1 - E - □	45.00
duct	8 inches	---	24 VDC	4-20 mA ¹	insert □	TE-211Z-B-C-2- 1 - E - □	52.00
immersion	4 inches	1/2" NPT	24 VDC	4-20 mA ¹	insert □	TE-211Z-C-A-2-B- 1 - E - □	52.00
outdoor air	---	---	24 VDC	4-20 mA ¹	insert □	TE-211Z-F- 1 - E - □	52.00
Supplied with IC Sensor							
space	---	---	insert ■	insert ◆	insert □	TE-213-A- ■ -◆ - □	67.00
duct	8 inches	---	insert ■	insert ◆	insert □	TE-213-B-C-2- ■ -◆ - □	67.00
immersion	4 inches	1/2" NPT	insert ■	insert ◆	insert □	TE-213-C-A-2-B- ■ -◆ - □	67.00
outdoor air	---	---	insert ■	insert ◆	insert □	TE-213-F- ■ -◆ - □	67.00

¹ 4-20 mA 2-wire loop

■ insert Code for desired Supply Voltage: 1 = 24 VDC; 2 = 24 VAC

□ insert Code for desired Output: B = 0-5 VDC; C = 0-10 VDC; E = 4-20 mA 2-wire loop

◆ Insert Code for desired Temperature Range: 1 = +50°F to +85°F; 2 = +40°F to +140°F; 3 = -30°F to +130°F; 4 = 0°F to +100°F; 5 = +100°F to +250°F; 6 = 0°F to +250°F

M307, M310e Series Carbon Dioxide (CO₂) Sensors



M307



M310e, M310eR



M310eL, M310eRL



M310eD Models

Non-dispersive infrared (NDIR) sensing.

Input Power: 18 to 28 VAC or 18 to 30 VDC. Power Consumption: less than 1 watt at rated voltage.

Accuracy: greater of +/-5% of reading or +/-75 PPM. Repeatability: +/-20 PPM.

Recommended Calibration Interval: every 5 years. Operating Life Expectancy: 10 years typical.

M310 High Limit Alarm Relay: factory set for N.O.; field selectable to N.C.; contact rated 4A @ 24 VAC.

Operating Temperature: 32° F to 122° F (30° C to 60° C).

CO ₂ Range	Input Power	Output Signal	Type	With Relay	With LCD	Dynacon Part No.	Price Each		
							1 - 5	6 - Up	
0-2000 PPM	24 VAC/DC	0-10 VDC	wall	---	---	M307	130.00	124.50	
0-2000 PPM	24 VAC/DC	0-10 VDC, 4-20 mA ¹	wall	---	---	M310e	154.00	148.00	
0-2000 PPM	24 VAC/DC	0-10 VDC, 4-20 mA ¹	wall	x	---	M310eR	168.00	161.50	
0-2000 PPM	24 VAC/DC	0-10 VDC, 4-20 mA ¹	wall	---	x	M310eL	178.00	171.00	
0-2000 PPM	24 VAC/DC	0-10 VDC, 4-20 mA ¹	wall	x	x	M310eRL	198.00	190.00	
0-2000 PPM	24 VAC/DC	0-10 VDC, 4-20 mA ¹	duct	---	---	M310eD	175.00	166.00	
0-2000 PPM	24 VAC/DC	0-10 VDC, 4-20 mA ¹	duct	x	---	M310eRD	188.00	180.00	
0-2000 PPM	24 VAC/DC	0-10 VDC, 4-20 mA ¹	duct	---	x	M310eLD	223.00	215.00	
0-2000 PPM	24 VAC/DC	0-10 VDC, 4-20 mA ¹	duct	x	x	M310eRLD	238.00	228.00	
						2000 PPM CO ₂ calibration kit	Calkit-2	215.00	215.00

¹ jumper selectable

CO-ST-420 Carbon Monoxide (CO) Sensor/Transmitter

For Installation in Garages and Other Enclosed Applications

Reliable detection to a BAS for control of ventilation equipment to maintain low levels of CO for occupant protection.

High accuracy (+/-5%) electrochemical cell sensor.

Covers up to 10,000 ft² (900m²) of clear, open space.

Supplied pre-calibrated and ready for installation.

Microprocessor-based control packaged in NEMA 3 enclosure.

Operating Temperature: -4° F to 104° F (-20° C to 40° C).



CO Range	Supply Voltage	Output	Dynacon Part No.	Net Each
0-200 PPM	18-36 VDC	4-20 mA, 2-wire loop powered, 5000Ω max	CO-ST-420	275.00

To view data sheets or purchase online, go to www.dynacononline.com

SAE-1100 Series

Carbon Monoxide (CO) Sensor/Transmitters

For Installation in Enclosed Areas with Temperatures above 32°F (0°C)

Reliable detection to a BAS for control of ventilation equipment to maintain low levels of CO for occupant protection.

High accuracy (+/-7%) electrochemical cell sensor.

Covers up to 7,500 ft² (700m²) of clear, open space.

Optional Relays & Alarm: one or two Form C contact (N.O. and N.C.); 5A @ 250 VAC; 5A @ 30 VDC; trip point programmable.

Operating Temperature: 32° F to 122° F (0° C to 50° C).



Application	CO Range	Relays & Alarm	Supply Voltage ¹	Output ²	Dynacon Part No.	Price Each	
						1 - 5	6 - Up
wall mount	0-300 PPM	---	20-30 VAC/DC	4-20 mA, 0-5 VDC, 0-10 VDC	SAE-1101	270.50	245.90
wall mount	0-300 PPM	X	20-30 VAC/DC	4-20 mA, 0-5 VDC, 0-10 VDC	SAE-1102	302.90	275.40
duct sampling	0-300 PPM	---	20-30 VAC/DC	4-20 mA, 0-5 VDC, 0-10 VDC	SAE-1151	292.10	265.50
duct sampling	0-300 PPM	X	20-30 VAC/DC	4-20 mA, 0-5 VDC, 0-10 VDC	SAE-1152	324.50	295.00

¹ non-isolated, half-wave rectified

² jumper selectable

Duct Smoke Detectors

Low Velocity, High Temperature Applications

Approvals - SL-2000: UL listed USA & Canada, CSFM; MEA.

- SM-501: UL268A; CSFM; MEA.

High accuracy (+/-7%) electrochemical cell sensor.

SL-2000 Relay Contact Resistive Ratings @ 115 VAC -

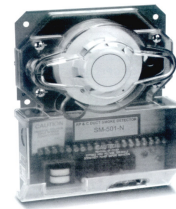
Alarm: two 10A Form C; one 3A Form A. Trouble: one 10A Form C

SM-501 Relay Contact Resistive Ratings @ 115 VAC -

Alarm: two 10A Form C. Trouble: one 10A Form C



SL-2000



SM-501

Temperature Range	Air Velocity Range	Supply Voltage	Detection Method	Dynacon Part No.	Price Each	
					1 - 5	6 - Up
32°-158°F	100 to 4000 FPM	24, 115, or 230 VAC; 24 VDC	ionization	SL-2000-N	88.00	88.00
32°-140°F	100 to 4000 FPM	24, 115, or 230 VAC; 24 VDC	photoelectric	SL-2000-P	88.00	88.00
32°-155°F	500 to 4000 FPM	24, 115, or 230 VAC; 24 VDC	ionization	SM-501-N	88.00	88.00
32°-100°F	500 to 4000 FPM	24, 115, or 230 VAC; 24 VDC	photoelectric	SM-501-P	88.00	88.00

Accessories

for SL-2000 - air intake sampling tube for 12-in or less duct	STN-1	5.50	5.50
for SL-2000 - air intake sampling tube for 6-in to 2.5-ft duct	STN-2.5	5.90	5.90
for SL-2000 - air intake sampling tube for 2.5-ft to 5-ft duct	STN-5	6.90	6.90
for SL-2000 - air intake sampling tube for 5-ft to 10-ft duct	STN-10	10.30	10.30
for SM-501 - air intake sampling tube for 6-in to 2.5-ft duct	STS-2.5	5.90	5.90
for SM-501 - air intake sampling tube for 2.5-ft to 5-ft duct	STS-5	6.90	6.90
for SM-501 - air intake sampling tube for 5-ft to 10-ft duct	STS-10	10.30	10.30
for SL-2000/SM-501 - remote alarm LED	MS-RA	10.00	9.30
for SL-2000/SM-501 - remote alarm LED, & pilot LED	MS-RA-P	10.00	9.30
for SL-2000/SM-501 - remote alarm LED & test/reset button	MS-RA-R	12.00	11.20
for SM-501 - NEMA 3R 16-gauge weatherproof enclosure	WP-1	38.00	38.00
for SL-2000 - NEMA 3R 16-gauge weatherproof enclosure	WP-2000	38.00	38.00

To view data sheets or purchase online, go to www.dynacononline.com

Electric Actuators

UL Listed USA and Canada

MEP-4000 Series Actuators 40 in-lb, Non-Spring Return

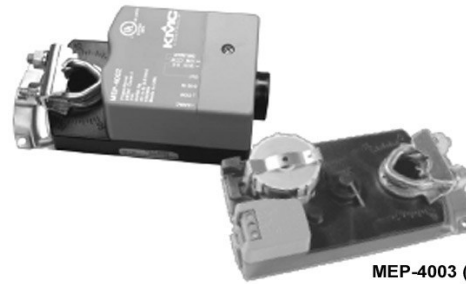
Small footprint 2.6" x 5.3"

90 seconds run time for 90°

Mount to 1/4" to 5/8" round, 1/4" to 7/16" square shaft

Removable 1/2" conduit fitting (except MEP-4003)

-22 to 131° F (-30 to 55° C) operating ambient



MEP-4003 (Only)

Wiring Cover	CW or CCW Adjustment	Feedback	Auxiliary Switch	Supply Voltage	Control Input	Torque	Dynacon Part No.	Price Each		
								1 - 5	6 - Up	
Yes	clutch	---	---	24 VAC	Tri-state	40 in-lb	MEP-4001	43.60	39.60	
Yes	switch	0-5 / 0-10 VDC ¹	---	24 VAC	0-10 VDC ³	40 in-lb	MEP-4002	75.40	68.50	
No	clutch	---	---	24 VAC	Tri-state	40 in-lb	MEP-4003	41.30	37.50	
Yes	clutch	3-wire, 10KΩ	---	24 VAC	Tri-state	40 in-lb	MEP-4013	56.50	51.40	
Yes	clutch	---	(1) SPDT ²	24 VAC	Tri-state	40 in-lb	MEP-4021	50.60	46.00	
Yes	switch	0-5 / 0-10 VDC ¹	(1) SPDT ²	24 VAC	0-10 VDC ³	40 in-lb	MEP-4022	83.60	76.00	
							NEMA 3R weather shield kit	HCO-1151	101.00	91.80

¹ switch selectable and proportional to actuator position

² adjustable 0-95°; SPDT 6A resistive, 3A inductive @ 24 VAC

³ span of 0-10 VDC input signal can be set to match any stroke between 45° and 95° with dip switch

MEP-4800 Series Actuators 80 in-lb, Non-Spring Return

UL Listed USA and Canada

Small footprint 2.6" x 5.3"

Mount to 1/4" to 5/8" round, 1/4" to 7/16" square shaft

Removable 1/2" conduit fitting

-22 to 131° F (-30 to 55° C) operating ambient



90° Run Time	CW or CCW Adjustment	Feedback	Auxiliary Switch	Supply Voltage	Control Input	Torque	Dynacon Part No.	Price Each		
								1 - 5	6 - Up	
90 sec	clutch	---	---	24 VAC	Tri-state	80 in-lb	MEP-4801	48.10	43.70	
90 sec	switch	0-5 / 0-10 VDC ¹	---	24 VAC	0-10 VDC ³	80 in-lb	MEP-4802	85.90	78.10	
90 sec	clutch	3-wire, 10KΩ	---	24 VAC	Tri-state	80 in-lb	MEP-4813	60.90	55.40	
90 sec	clutch	---	(1) SPDT ²	24 VAC	Tri-state	80 in-lb	MEP-4821	63.60	57.80	
90 sec	switch	0-5 / 0-10 VDC ¹	(1) SPDT ²	24 VAC	0-10 VDC ³	80 in-lb	MEP-4822	101.20	92.00	
							NEMA 3R weather shield kit	HCO-1151	101.00	91.80

¹ switch selectable and proportional to actuator position

² adjustable 0-95°; SPDT 6A resistive, 3A inductive @ 24 VAC

³ span of 0-10 VDC input signal can be set to match any stroke between 45° and 95° with dip switch

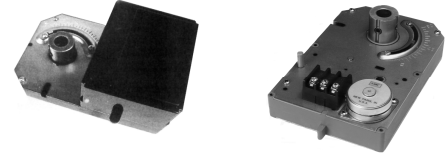
To view data sheets or purchase online, go to www.dynacononline.com

Electric Actuators

MEP-5000 Series Actuators 50 in-lb, Non-Spring Return & Fail Safe

UL Recognized USA and Canada

Mount direct on 1/2" OD damper shaft;
on 3/8" OD shaft with optional adaptor



CW or CCW Adjustment	Feedback	Supply Voltage	90° Run Timing	With Wiring Cover	Control Input	Torque	Dynacon Part No.	Price Each		
								1 - 5	6 - Up	
Non-Spring Return										
clutch	---	24 VAC	5 minutes	No	3-wire, 24 VAC	50 in-lb	MEP-5061	51.20	46.50	
dip switch	1-5 VDC	24 VAC	90 seconds	Yes	2-10 VDC	50 in-lb	MEP-5072	92.00	83.60	
clutch	---	24 VAC	90 seconds	Yes	3-wire, 24 VAC	50 in-lb	MEP-5073	58.00	52.70	
Fail Safe (electronic capacitance discharge for return operation)										
dip switch	1-5 VDC	24 VAC/DC	60 seconds	Yes	2-10 VDC	50 in-lb	MEP-5372	160.20	145.60	
dip switch	---	24 VAC/DC	60 seconds	Yes	3-wire, 24 VAC	50 in-lb	MEP-5373	126.10	114.60	
		adaptor for mounting actuator on 3/8" damper shaft						HFO-0011	0.60	0.50
		NEMA 3R weather shield kit						HCO-1151	101.00	91.80
		10K feedback potentiometer (non-fail safe models only)						CME-1003	22.60	20.50

MEP-7000, MEP-7700 Series Actuators 150 in-lb, 300 in-lb, Non-Spring Return

UL Listed USA and Canada

90-140 seconds run time load dependent

Mount to 3/8" to 1.05" round, 5/16" to 5/8" square shaft

Female fittings for 1/2" conduit connection

-5 to 120° F (-21 to 49° C) operating ambient



Angular Rotation ¹	Feedback	Optional Aux Switch	Supply Voltage	Control Input	Torque	Dynacon Part No.	Price Each	
							1 - 5	6 - Up
94°	---	CME-700x ²	24 VAC/DC	3-wire, 24 VAC/DC	150 in-lb	MEP-7011	108.10	98.30
94°	1-5 VDC	CME-700x ²	24 VAC/DC	2-10 VDC or 4-20 mA	150 in-lb	MEP-7012	159.40	144.90
94°	10KΩ, 1/3 wat	CME-700x ²	24 VAC/DC	3-wire, 24 VAC/DC	150 in-lb	MEP-7013	133.40	121.30
94°	---	CME-700x ²	24 VAC/DC	3-wire, 24 VAC/DC	300 in-lb	MEP-7711	164.30	149.40
94°	1-5 VDC	CME-700x ²	24 VAC/DC	2-10 VDC or 4-20 mA	300 in-lb	MEP-7712	215.10	195.50
94°	10KΩ, 1/3 wat	CME-700x ²	24 VAC/DC	3-wire, 24 VAC/DC	300 in-lb	MEP-7713	189.10	171.90
				SPDT auxiliary switch		CME-7001	37.80	34.40
				DPDT auxiliary switch		CME-7002	47.40	43.10
				stroke stop kit to adjust angular rotation		HMO-4536	4.40	4.00
				crankarm kit		HLO-1020	72.40	67.20
				NEMA 3R weather shield kit		HCO-1152	101.00	91.80

¹ fully adjustable 0° and 90° with optional HMO-4536 stop kit

² optional SPDT or DPDT auxiliary switch

To view data sheets or purchase online, go to www.dynacononline.com

Electric Actuators

UL Listed; CSA Certified

MEP-425, MEP-455 Series Actuators 62 in-lb, 142 in-lb, Spring Return

90 seconds run time for 90°; 15 seconds spring return timing

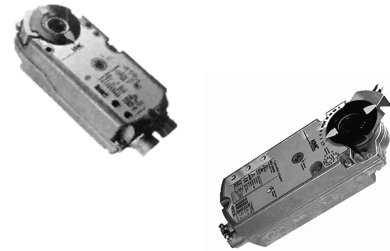
CW or CCW spring return by reversing actuator

3-ft cable through integral 1/2" conduit connector

-25 to 130° F (-32 to 55° C) operating ambient



MEP-425 series mount to 1/4" to 3/4" round, 1/4" to 1/2" square shaft

MEP-455 series mount to 3/8" to 1" round, 1/4" to 3/4" square shaft



Siemens Equivalent	Honeywell Equivalent	Feedback	Supply Voltage	Control Input	Torque	Dynacon Part No.	Price Each	
							1 - 5	6 - Up
GMA121.1U	---	---	24 VAC/DC	2-Position, 24 VAC/DC	62 in-lb	MEP-425-100	115.50	105.00
GMA221.1U	---	---	120 VAC	2-Position, 120 VAC	62 in-lb	MEP-425-300	130.40	118.50
GMA131.1U	---	---	24 VAC/DC	Tri-state	62 in-lb	MEP-425-500	130.40	118.50
GMA161.1U	---	0-10 VDC	24 VAC/DC	0-10 VDC	62 in-lb	MEP-425-600	161.70	147.00
GCA121.1U	ML8195A1007	---	24 VAC/DC	2-Position, 24 VAC/DC	142 in-lb	MEP-455-100	184.70	167.90
GCA221.1U	ML4195A1001	---	120 VAC	2-Position, 120 VAC	142 in-lb	MEP-455-300	207.20	188.40
GCA131.1U	ML6195A1009	---	24 VAC/DC	Tri-state	142 in-lb	MEP-455-500	207.40	188.50
GCA161.1U	ML7295A1006	0-10 VDC	24 VAC/DC	0-10 VDC	142 in-lb	MEP-455-600	237.90	216.30

Accessories for Electric Actuators

Description	Dynacon Part No.	Price Each		
		1 - 5	6 - Up	
10K snap-on feedback potentiometer for MEP-5000 non-fail safe actuators	CME-2003	13.00	11.80	
SPDT end switch kit for MEP-7000, MEP-7700 actuators	CME-7001	37.80	34.40	
DPDT end switch kit for MEP-7000, MEP-7700 actuators	CME-7002	47.40	43.10	
NEMA 3R weather shield kit for MEP-425, 4000, 4800, 5000 actuators	HCO-1151	101.00	91.80	
NEMA 3R weather shield kit for MEP-455, 1200, 7000, 7700 actuators	HCO-1152	101.00	91.80	
stroke stop kit for MEP-7000, 7700 actuators	HMO-4536	4.40	4.00	
snap-in connector for 1/2" flexible conduit for MEP-1200, 5000 actuators	HMO-4518	1.80	1.35	
compression bushing for plenum wire strain relief for MEP-1200, 5000 actuators	HMO-4520	3.50	3.20	
female connector for 1/2" rigid conduit for MEP-1200, 5000 actuators	HMO-4526	12.90	11.70	
replacement motor and clutch assembly for MEP-1500, CEP/CSP-4000 actuators	HPO-0062	34.20	31.10	
	12" long 5/16" OD pushrod	VTD-12	3.90	3.20
	18" long 5/16" OD pushrod	VTD-18	3.90	3.30
	24" long 5/16" OD pushrod	VTD-24	4.50	3.70
	36" long 5/16" OD pushrod	VTD-36	6.00	5.00
	48" long 5/16" OD pushrod	VTD-48	7.20	6.00
swivel ball joint for connecting 5/16" OD pushrod to crankarm	VTD-0804	3.50	3.00	
	slotted crankarm for 3/8" OD damper shaft	VTD-1403	6.00	4.50
	slotted crankarm for 1/2" OD damper shaft	VTD-1404	6.00	4.50
	slotted crankarm for 1/2" OD damper shaft	VTD-1405	6.00	4.50
	slotted crankarm for 3/8" OD damper shaft	VTD-1406	6.00	4.50
	3-hole crankarm for 3/8" OD damper shaft	VTD-1414	6.00	4.50
	3-hole crankarm for 1/2" OD damper shaft	VTD-1415	6.00	4.50

To view data sheets or purchase online, go to www.dynacononline.com

Commercial Spring Wound Timers

Commercial Spring Wound Timers

UL Listed; CSA Certified

Simulated Metal Finish Meets NEC Requirements



Commercial brush metal look. Mounts in single or double gang wall box.

Switch Rating - Inductive: 20A @ 120 VAC; 10A @ 250 VAC and 277 VAC.

Motor: 1 HP @ 120VAC; 2 HP @ 250 VAC. Tungsten: 7A @ 125 VAC.

"Hold" feature allow user to override the automatic shut-off function for extended use of the load as required

Hold Feature	Switch Type	Time Cycle	Dynacon Part No.	Price Each	
				1 - 5	6 - Up
No	SPST	4 hour	FF4H	24.80	22.00
No	SPST	6 hour	FF6H	24.80	22.00
Yes	SPST	6 hour	FF6HH	24.80	22.00
No	SPDT	4 hour	FF34H	37.00	33.50
Yes	SPDT	4 hour	FF34HH	37.00	33.50
No	SPDT	6 hour	FF36H	37.00	33.50
No	DPST	12 hour	FF412H	37.00	33.50

WHEN IT COMES TO FREEZESTATS ...

IT'S SIMPLE ...

WE WIN BY COMPARISON...

IN EVERY CATEGORY

Manufacturer/Part No.		Capillary Length	Switch Action	Motor Load Contacts	Pilot Duty Contacts	UL Listed
Dynacon FS-33	AUTO	20-Ft	SPDT	2	2	YES
Honeywell L480B1239	AUTO	20-Ft	SPDT	2	-	YES
Johnson A11B-1	AUTO	20-Ft	SPST	1	1	YES
Invensys TC-5231	AUTO	20-Ft	SPDT	1	1	YES
Intec DBTF-1-US	AUTO	20-Ft	SPDT	2	-	NO
Siemens 134-510	AUTO	20-Ft	SPST	1	1	YES
Dynacon FS-30	MANUAL	20-Ft	SPDT	2	2	YES
Honeywell L480G1044	MANUAL	20-Ft	SPST	1	-	YES
Johnson A11-A	MANUAL	20-Ft	SPST	1	1	YES
Invensys TC-5241	MANUAL	20-Ft	SPDT	1	1	YES
Intec DBTF-1R-US	MANUAL	20-Ft	SPDT	2	-	NO
Siemens 134-1511	MANUAL	20-Ft	SPST	1	1	YES
Dynacon FS-53	AUTO	20-Ft	(2) SPDT	4	4	YES
Johnson A70GA-1	AUTO	20-Ft	(2) SPST	2	2	YES
Invensys TC-5232	AUTO	20-Ft	(2) SPST	2	2	YES
Intec DBTF-12-US	AUTO	20-Ft	(2) SPDT	4	-	NO
Dynacon FS-50	MANUAL	20-Ft	(2) SPDT	4	4	YES
Johnson A70HA-1	MANUAL	20-Ft	(2) SPST	2	2	YES
Honeywell L482A1004	MANUAL	20-Ft	(2) SPST	2	2	YES
Invensys TC-5242	MANUAL	20-Ft	(2) SPST	2	2	YES
Siemens 134-1504	MANUAL	20-Ft	(2) SPST	2	2	YES
Intec DBTF-1R2-US	MANUAL	20-Ft	(2) SPDT	4	-	NO

SEE PAGE E10

To view data sheets or purchase online, go to www.dynacononline.com

DYNACON INC

Product Catalog and Price List

PNEUMATIC CONTROLS SECTION

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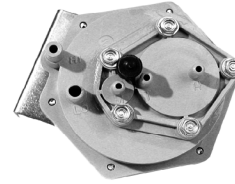
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PNEUMATIC CONTROLLERS	Receiver-Controllers, Remote Bulb Temperature Controller / Low Limit Control	P11
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AIR PREPARATION PRODUCTS	Pressure Regulators, Filter-Regulators, Pre-Filters, Coalescing Filters, Safety Relief Valve	P13, P14
PNEUMATIC INSTALLATION SUPPLIES	Pressure Gauges, Barb Fittings, Compression Fittings, Pipe Fittings, Miscellaneous Parts	P15 to P18

CSC-1001 Constant Volume / High Limit Controller

Two output connections allow CSC-1001 to be used as either:

- constant volume controller without thermostat override
- high limit controller which assumes control of the VAV terminal if the thermostat calls for excessive airflow



20 psig (138 kPa) operating, 30 psig (207 kPa) maximum pressure.

Application	Air Consumption	Thermostat Required		Proportional Band	Set Point Range	Dynacon Part No.	Price Each	
		Cooling	Heating				1 - 5	6 - Up
for N.O. Dampers only	14.4 scim	RA	DA	0.04"	0-1.0" wg	CSC-1001	81.20	73.80

CSC-2000 Series Reset Volume Controllers

For Control of Air Velocity & Output Volume on VAV Units

CSC-2001, CSC-2002 have 0-10 reference dials for adjusting minimum and maximum airflow settings. All other models are supplied with knobs for "blind" adjustment of airflow settings.

Supplied with mounting bracket. Mount horizontally or vertically.

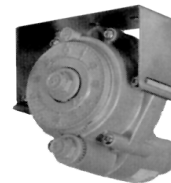


Fig A



Fig B

Fig	CSC Color	Air Consumption	Thermostat Required		ΔP Set Point Range		Reset Band	Dynacon Part No.	Price Each	
			Cooling	Heating	Minimum	Maximum			1 - 5	6 - Up
Use With Normally Open Dampers										
A	Beige	14.4 scim	DA	RA	0-1.0" wg	minimum + 1" wg	8-13 psig	CSC-2001	82.00	74.00
B	Beige	14.4 scim	DA	RA	0-1.0" wg	minimum + 1" wg	8-13 psig	CSC-2003	63.00	57.00
B	Beige	11.5 scim	DA	RA	0-1.0" wg	minimum + 1" wg	8-13 psig	CSC-2007	67.00	61.00
Use With Normally Closed Dampers										
A	Gray	14.4 scim	RA	DA	0-1.0" wg	minimum + 1" wg	3-8 psig	CSC-2002	82.00	74.00
B	Gray	14.4 scim	RA	DA	0-1.0" wg	minimum + 1" wg	3-8 psig	CSC-2004	63.00	57.00
B	Gray	11.5 scim	RA	DA	0-1.0" wg	minimum + 1" wg	3-8 psig	CSC-2008	67.00	61.00

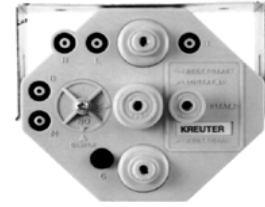
CROSS REFERENCE TO PART NUMBERS OF TERMINAL UNIT MANUFACTURERS

	CSC-2001	CSC-2002	CSC-2003	CSC-2004	CSC-2007	CSC-2008
Anemostat East	---	---	004169	---	---	---
Anemostat West	---	---	13-15	---	---	---
Carnes	---	---	---	---	999-2825	999-2826
Carrier	HK08ZZ040	HK08ZZ041	35DP50000201	35DP50000701	---	---
ETI	---	---	---	---	PC-05-0049	---
KMC (Kreuter)	CSC-2001	CSC-2002	CSC-2003	CSC-2004	CSC-2007	CSC-2008
Metalaire	CTL2001	CTL2002	CTL2003	CTL2004	---	---
Price Industries	---	---	---	---	076731-001	---
Robertshaw	R77-21	R77-22	R77-23	R77-24	R77-25	R77-26
Titus	---	---	10015001	10015101	---	---
Trane	---	---	---	---	X13190314010	X13190313010

To view data sheets or purchase online, go to www.dynacononline.com

CSC-3000 Series Reset Volume Controllers

Universal Controller for VAV Terminal Units



For use with normally open or normally closed dampers.
For either direct acting or reverse acting reset.
Factory set reset start point and reset span field adjustable.

Supplied with mounting bracket. Mount horizontally or vertically.

Damper Action ¹	Air Consumption	Thermostat Required ²	ΔP Set Point Range		Reset Band ³	Dynacon Part No.	Price Each	
			Minimum	Maximum			1 - 5	6 - Up
N.O. or N.C.	28.8 scim	DA or RA for Htg or Clg	0-1.0" wg	minimum + 1" wg	0-10 psig	CSC-3011	83.00	75.00
N.O. or N.C.	28.8 scim	DA or RA for Htg or Clg	0-2.0" wg	minimum + 2" wg	0-10 psig	CSC-3016	90.00	82.00
N.O. or N.C.	46.1 scim	DA or RA for Htg or Clg	0-2.0" wg	minimum + 2" wg	0-10 psig	CSC-3025	83.00	75.00

¹ field selectable

² field selectable for any combination

³ span and start point field adjustable

CROSS REFERENCE TO PART NUMBERS OF TERMINAL UNIT MANUFACTURERS & CONTROL COMPANIES

CSC-3011	Anemostat East #004051. Anemostat West #13-14.
	Carnes #999-2827; #999-2828.
	Carrier #35DP501100.
	Honeywell #CP980C, D, E, F Series.
	Johnson Controls #P-3800-1;#P-3800-2.
	KMC (Kreuter) #CSC-3004; #CSC-3011; #CSC-3017; #CSC-3021; #CSC-3023; #CSC-2000 Series.
	Metalaire #CTL-3011.
	Nailor #B3-3001-005.
	Price Industries #076823-002.
	Robertshaw #R77 (all models); #R78 (all models).
	Staefa #VCV2100 Series; #VCV2200 Series; #VCV2500 Series.
Titus #10065001; Titus I, II, IIA, III.	
Trane #X13190524030.	
CSC-3016	Environmental Technologies (ETI) #PC-05-0050; #PC-05-0060.
	KMC (Kreuter) #CSC-3016; #CSC-3020; #CSC-3026.
CSC-3025	Johnson Controls #P-3800-1; #P-3800-2 (on Trane VAV units).
	KMC (Kreuter) #CSC-3025.
	Staefa #VCV2500 Series (on Trane VAV units). Trane #X13190524010.

Differential Pressure Air Flow Sensors

For Use with Reset Volume Controllers



Sensing Points	Duct Insertion	Dynacon Part No.	Price Each		
			1 - 5	6 - 49	50 - Up
1 set	3-1/8"	SSS-1002	9.80	9.50	8.90
2 sets	5-3/8"	SSS-1003	11.00	10.50	9.90
3 sets	7-5/8"	SSS-1004	13.00	12.50	11.80
4 sets	9-7/8"	SSS-1005	15.00	14.50	13.70

*H port senses total pressure; L port senses static pressure;
difference is differential (velocity) pressure*

To view data sheets or purchase online, go to www.dynacononline.com

Pneumatic Transducers

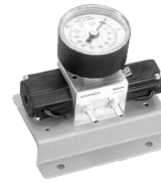
Electric-to-Pneumatic Transducers

Analog Input

Panel Mount, 1/4" Barb Connections



XEC-3001



EP-311, 313

Air Capacity	Air Consumption	Supply Voltage	Control Input ¹	Control Output	Manual Override	With Gauge	Dynacon Part No.	Price Each	
								1 - 5	6 - Up
200 scim	25.8 scim	24 VAC/DC	4-20 mA, 1-5 VDC, 2-10 VDC	3-15 psig			XEC-3001	89.00	81.00
200 scim	25.8 scim	24 VAC/DC	4-20 mA, 1-5 VDC, 2-10 VDC	3-15 psig		x ²	XEC-3001-G	93.00	85.00
200 scim	25.8 scim	24 VAC/DC	4-20 mA, 1-5 VDC, 2-10 VDC	3-15 psig	x		XEC-3004	108.00	99.00
200 scim	25.8 scim	24 VAC/DC	4-20 mA, 1-5 VDC, 2-10 VDC	3-15 psig	x	x ²	XEC-3004-G	112.00	103.00
550 scim	None	24 VAC/DC	4-20 mA, 0-5 VDC, 0-10 VDC	3-15 psig		x	EP-311-315	93.00	89.50
550 scim	None	24 VAC/DC	4-20 mA, 0-5 VDC, 0-10 VDC	0-20 psig		x	EP-311-020	93.00	89.50
550 scim	None	24 VAC/DC	4-20 mA, 0-5 VDC, 0-10 VDC	3-15 psig	x	x	EP-313-315	104.00	99.00
550 scim	None	24 VAC/DC	4-20 mA, 0-5 VDC, 0-10 VDC	0-20 psig	x	x	EP-313-020	104.00	99.00

¹ field selectable

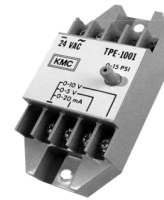
² gauge packaged separately

Pneumatic-to-Electric Transducer

Surface, Panel or Deep Handibox Mount

Screw terminals for supply voltage & output terminations.

Nipple for 1/4" OD polyethylene tubing air connection.



Output Load Limits		Supply Voltage	Input Signal	Output Signal	Dynacon Part No.	Price Each	
@ 20mA	@ 0-5/10 VDC					1 - 5	6 - Up
500Ω max	1000Ω min	24 VAC	0-10 psig	0-20 mA, 0-5 VDC, 0-10 VDC	TPE-1001	85.80	78.00

Electric-to-Pneumatic Transducer

Tri-State Input

Surface or panel mounting.

1/4" quick connect terminals for input terminations.

Nipple for 1/4" OD polyethylene tubing air connection.

Surface or panel mounting. Visual indication of percentage of output.



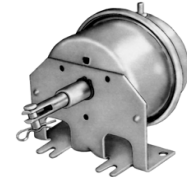
Air Capacity/Consumption	Output Timing	Input Signal	Output Signal	Dynacon Part No.	Price Each	
					1 - 5	6 - Up
28.8 scim	0.32 psi per second	3-wire, 24 VAC, tri-state	2-18 psig	YEC-1101	103.00	94.00

To view data sheets or purchase online, go to www.dynacononline.com

Pneumatic Damper Actuators

MCP-8031 Series Damper Actuators for VAV Terminal Units

1-11/16" (43mm) Stroke



Metal body to meet local codes for ceiling plenum applications.

For use in proportional or two-position applications.

Connection for 1/4" OD polyethylene tubing.

0-20 psig control signal input. 30 psig maximum pressure.

Universal Replacement For	Spring Range	Damper Lindage	Mounting Bracket	Dynacon Part No.	Price Each	
					1 - 5	6 - Up
MCP-8031-2100, -2102	3-12 psi	slotted shaft with clevis pin	Right Angle	MCP-8031-2101	36.00	32.50
MCP-8031-3100, -3102	5-10 psi	slotted shaft with clevis pin	Right Angle	MCP-8031-3101	36.00	32.50
MCP-8031-5100, -5102	8-13 psi	slotted shaft with clevis pin	Right Angle	MCP-8031-5101	36.00	32.50
MCP-8031-8100, -8102	4-8 psi	slotted shaft with clevis pin	Right Angle	MCP-8031-8101	36.00	32.50
MCP-8031-3002, -3003 on Titus VAV boxes	5-10 psi	slotted shaft	(none)	MCP-8031-3003	36.00	32.50

MCP-3631 Series Rotary Damper Actuators for VAV Terminal Units



*Mount direct to 1/2" damper shaft with bushing & collar,
or to cross-hole in shaft with pin & retaining clip
(all mounting hardware ordered separately)*

Optional adaptor available for mounting to 3/8" shaft.

Damper can be driven from either side of actuator, allowing use on normally open or normally closed dampers with clockwise or counterclockwise rotation on loss of control air.

0-20 psig control signal input. 30 psig maximum pressure.

Angular Stroke	Actuator Torque @ 90°		Spring Range	Dynacon Part No.	Price Each	
	Retracted @ 0 psig	Extended @ 20 psig			1 - 5	6 - Up
100° as supplied (45° to 95° with user supplied stroke-stop screw)	25 in-lb	68 in-lb	3-12 psi	MCP-3631-2000	44.80	40.70
	42 in-lb	85 in-lb	5-10 psi	MCP-3631-3000	44.80	40.70
	68 in-lb	59 in-lb	8-13 psi	MCP-3631-5000	44.80	40.70
	25 in-lb	102 in-lb	3-8 psi	MCP-3631-8000	44.80	40.70

Accessories

drive bushing & collar for mounting actuator to 1/2" damper shaft (10)	HLO-1004	86.00	78.00
drive bushing only for 1/2" damper shaft (20)	HLO-1006	138.00	126.00
drive pin for cross-hole in 1/2" damper shaft (50)	HLO-1008	5.60	5.00
push-on shaft retainer for use with HLO-1008 (50)	HLO-1009	9.10	8.70
adaptor for mounting actuator to 3/8" damper shaft (20)	HLO-1011	19.40	17.30
collar only for 1/2" damper shaft (20)	HLO-1016	40.30	37.25
replacement actuator diaphragm	HPO-0038	8.40	7.60

To view data sheets or purchase online, go to www.dynacononline.com

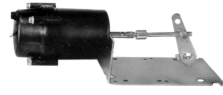
Pneumatic Damper Actuators

2", 3", 4" Stroke Damper Actuators

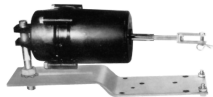
For Proportional or Two-Position Applications



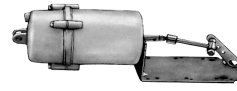
MCP-1020



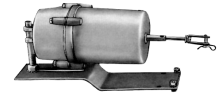
MCP-1030, 1040 with right angle bracket



MCP-1130, 1140 with rear post bracket



MCP-5140 with right angle bracket



MCP-5140 with rear post bracket

Effective Area:

2" actuator= 3 in²; 3" stroke = 7 in²; 4" stroke = 11 in²

0-20 psig operating pressure; 30 psig maximum pressure.

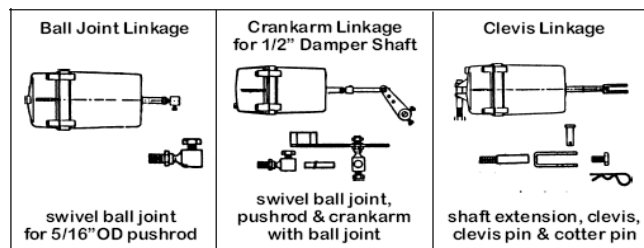
Operating Ambient:

-20° F to 180° F (-29° C to 82° C)

Connection for 1/4" OD polyethylene tubing.

Spring Range	Body Material	Damper Linkage	Mounting Bracket	Stroke	Dynacon Part No.	Price Each	
						1 - 5	6 - Up
3-12, 5-10, 8-13, 10-15, 4-8 psig	black plastic	ball joint	right angle	2"	MCP-1020-◆308	67.00	60.90
3-12, 5-10, 8-13, 10-15, 4-8 psig	black plastic	1/2" crankarm	right angle	2"	MCP-1020-◆311	86.20	78.40
3-12, 5-10, 8-13, 10-15, 4-8 psig	black plastic	ball joint	right angle	3"	MCP-1030-◆108	89.50	81.40
3-12, 5-10, 8-13, 10-15, 4-8 psig	black plastic	1/2" crankarm	right angle	3"	MCP-1030-◆111	107.50	97.70
3-12, 5-10, 8-13, 10-15, 4-8 psig	black plastic	clevis	rear post	3"	MCP-1130-◆520	107.60	97.80
8-13 psig with plastic positioner	black plastic	ball joint	right angle	3"	MCP-1030-1108	189.00	171.80
8-13 psig with plastic positioner	black plastic	1/2" crankarm	right angle	3"	MCP-1030-1111	206.50	187.70
8-13 psig with plastic positioner	black plastic	clevis	rear post	3"	MCP-1130-1520	206.40	187.60
8-13 psig with metal positioner	black plastic	ball joint	right angle	3"	MCP-1030-9108	189.00	171.80
8-13 psig with metal positioner	black plastic	1/2" crankarm	right angle	3"	MCP-1030-9111	206.30	187.50
8-13 psig with metal positioner	black plastic	clevis	rear post	3"	MCP-1130-9520	206.30	187.50
3-12, 5-10, 8-13, 10-15, 4-8 psig	black plastic	ball joint	right angle	4"	MCP-1040-◆208	111.80	101.60
3-12, 5-10, 8-13, 10-15, 4-8 psig	black plastic	1/2" crankarm	right angle	4"	MCP-1040-◆211	129.00	117.30
3-12, 5-10, 8-13, 10-15, 4-8 psig	black plastic	clevis	rear post	4"	MCP-1140-◆520	189.30	172.10
8-13 psig with plastic positioner	black plastic	ball joint	right angle	4"	MCP-1040-1208	214.80	195.30
8-13 psig with plastic positioner	black plastic	1/2" crankarm	right angle	4"	MCP-1040-1211	232.10	211.00
8-13 psig with plastic positioner	black plastic	clevis	rear post	4"	MCP-1140-1520	214.80	195.30
8-13 psig with metal positioner	black plastic	ball joint	right angle	4"	MCP-1040-9208	214.80	195.30
8-13 psig with metal positioner	black plastic	1/2" crankarm	right angle	4"	MCP-1040-9211	232.10	211.00
8-13 psig with metal positioner	black plastic	clevis	rear post	4"	MCP-1140-9520	214.70	195.20
3-12, 5-10, 8-13, 10-15, 4-8 psig	aluminum	ball joint	right angle	4"	MCP-5140-◆208	111.80	101.60
3-12, 5-10, 8-13, 10-15, 4-8 psig	aluminum	1/2" crankarm	right angle	4"	MCP-5140-◆211	134.10	121.90
3-12, 5-10, 8-13, 10-15, 4-8 psig	aluminum	clevis	rear post	4"	MCP-5140-◆520	134.20	122.00
8-13 psig with metal positioner	aluminum	ball joint	right angle	4"	MCP-5140-9208	240.60	218.70
8-13 psig with metal positioner	aluminum	1/2" crankarm	right angle	4"	MCP-5140-9211	240.60	218.70
8-13 psig with metal positioner	aluminum	clevis	rear post	4"	MCP-5140-9520	240.50	218.60

◆ insert number for desired spring range in psig: 2=3-12#; 3=5-10#; 5=8-13#; 6=10-15#; 8=4-8#

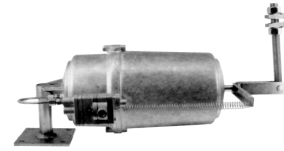


To view data sheets or purchase online, go to www.dynacononline.com

Pneumatic Damper Actuators

6" Stroke Damper Actuators

For Proportional or Two-Position Applications



Effective Area: 24.8 in²

Operating Ambient: -20° F to 180° F (-29° C to 82° C)

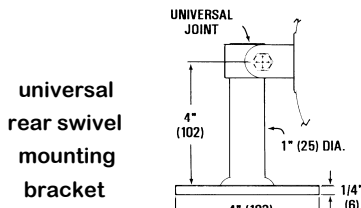
0-20 psig operating pressure; 30 psig maximum pressure.

Connection for 1/4" OD polyethylene tubing.

Spring Range	Body Material	Damper Linkage	Mounting Bracket	Stroke	Dynacon Part No.	Price Each	
						1 - 5	6 - Up
8-13 psig	black plastic	none ¹	rear swivel	6"	MCP-1160-5101	266.30	242.10
8-13 psig	black plastic	angular crankarm	rear swivel	6"	MCP-1160-5111	378.20	343.80
8-13 psig	black plastic	clevis	rear swivel	6"	MCP-1160-5114	266.40	242.20
8-13 psig with plastic positioner ²	black plastic	none ¹	rear swivel	6"	MCP-1160-1101	395.50	359.50
8-13 psig with plastic positioner ²	black plastic	angular crankarm	rear swivel	6"	MCP-1160-1111	395.20	359.30
8-13 psig with plastic positioner ²	black plastic	clevis	rear swivel	6"	MCP-1160-1114	395.30	359.40
8-13 psig with metal positioner ²	black plastic	angular crankarm	rear swivel	6"	MCP-1160-9111	532.70	484.30
8-13 psig with metal positioner ²	black plastic	clevis	rear swivel	6"	MCP-1160-9114	532.70	484.30
8-13 psig	aluminum	angular crankarm	rear swivel	6"	MCP-5160-5111	378.20	343.80
8-13 psig	aluminum	clevis	rear swivel	6"	MCP-5160-5114	361.00	328.20
8-13 psig with metal positioner ²	aluminum	angular crankarm	rear swivel	6"	MCP-5160-9111	498.40	453.10
8-13 psig with metal positioner ²	aluminum	clevis	rear swivel	6"	MCP-5160-9114	498.40	453.10

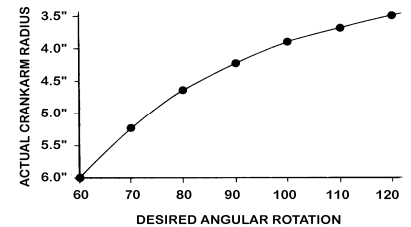
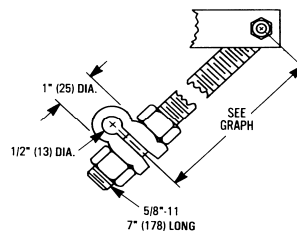
¹ end of damper shaft has 3/8"-16 x 3/4" deep female threads

² furnished with 5 psig span feedback spring installed; 10 psig span spring is included in package



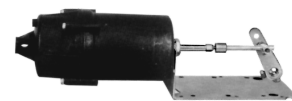
universal rear swivel mounting bracket

adjustable angular crankarm



Hesitation Stroke Actuators

Black Glass-Filled Nylon Body



Damper Rating: MCP-1231 = 12 ft²; MCP-1241 = 25 ft²

0-20 psig operating, 30 psig maximum pressure.

Operating Ambient: -20° F to 180° F

Connection for 1/4" OD polyethylene tubing.

Stroke Adjustments		Mounting Bracket	Damper Linkage	Description	Dynacon Part No.	Price Each	
Hesitation Start	Hesitation Finish					1 - 5	6 - Up
4 psig, stroke adjustable	8 psig, stroke adjustable	right angle	1/2" crankarm	3" diameter x 2" stroke	MCP-1231-0211	107.50	97.70
20% to 70%	80% to 30%	rear post	clevis	3" diameter x 2" stroke	MCP-1231-0520	107.50	97.70
prior to 4 psig	after 8 psig	right angle	1/2" crankarm	4" diameter x 3" stroke	MCP-1241-0211	159.20	144.70
		rear post	clevis	4" diameter x 3" stroke	MCP-1241-0520	159.00	144.50

To view data sheets or purchase online, go to www.dynacononline.com

Accessories for Pneumatic Damper Actuators

	Description	Dynacon Part No.	Price Each	
			1 - 5	6 - Up
ABS Plastic Positive Positioner for use with 3", 4", 6" Stroke Actuators (order feedback arm & feedback spring separately)				
	positioner with 3-10 psig start-point adjustment range	CMC-1001	68.80	62.50
	feedback arm for use with CMC-1001 and CMC-1002	VTD-1500	8.60	7.80
	5 psig span feedback spring for 3" stroke actuators	VTD-2250	16.90	15.40
	5 psig span feedback spring for 4" stroke actuators	VTD-2251	16.90	15.40
	5 psig span feedback spring for 6" stroke actuators	VTD-2252	16.90	15.40
	10 psig span feedback spring for 3" stroke actuators	VTD-2260	16.90	15.40
	10 psig span feedback spring for 4" stroke actuators	VTD-2261	16.90	15.40
	10 psig span feedback spring for 6" stroke actuators	VTD-2262	16.90	15.40
Zinc Metal Positive Positioner for use with 3", 4", 6" Stroke Actuators (order feedback arm & feedback spring separately)				
	positioner with 3-10 psig start-point adjustment range	CMC-1002	94.70	86.10
	feedback arm for use with CMC-1001 and CMC-1002	VTD-1500	8.60	7.80
	5 psig span feedback spring for 3" stroke actuators	VTD-2254	16.90	15.40
	5 psig span feedback spring for 4" stroke actuators	VTD-2253	16.90	15.40
	5 psig span feedback spring for 6" stroke actuators	VTD-2256	16.90	15.40
	10 psig span feedback spring for 3" stroke actuators	VTD-2264	16.90	15.40
	10 psig span feedback spring for 4" stroke actuators	VTD-2263	16.90	15.40
	10 psig span feedback spring for 6" stroke actuators	VTD-2266	16.90	15.40
5/16" OD Plated Pushrods for Damper Connections				
	12" long pushrod	VTD-12	3.90	3.20
	18" long pushrod	VTD-18	3.90	3.30
	24" long pushrod	VTD-24	4.50	3.70
	36" long pushrod	VTD-36	6.00	5.00
	48" long pushrod	VTD-48	7.20	6.00
Swivel Ball Joints				
	for installing in end of actuator shaft (accepts 5/16" OD pushrod)	VTD-0803	3.50	3.00
	for connecting 5/16" OD pushrod to crankarm	VTD-0804	3.50	3.00
Parts for U-shaped Clevis Damper Linkage on 3" and 4" Stroke Actuators				
	U-shaped clevis section only (10/pkg)	VTD-1007	56.00	51.00
	clevis pin for use with VTD-1007 U-shaped clevis section (10/pkg)	VTD-1100	23.00	21.00
	cotter pin for use with VTD-1100 clevis pin	VTD-1205	1.90	1.70
	threaded extension to attach VTD-1007 to end of actuator shaft	VTD-1601	8.50	7.70
	bolt to attach VTD-1007 to VTD-1601 (requires two 1/4" lockwashers)	VTD-1809	1.20	1.10
Shaft Collars with Set Screw to Limit Actuator Return Stroke				
	for use with 2" stroke actuators (5/pkg)	VTD-1151	30.50	30.50
	for use with 3" and 4" stroke actuators (5/pkg)	VTD-1153	30.50	30.50
Slotted Crankarms for Connecting Actuator Linkage to Damper Shaft				
	for use on 3/8" OD damper shaft (3.18" maximum radius)	VTD-1403	6.00	4.50
	for use on 1/2" OD damper shaft (3.18" maximum radius)	VTD-1404	6.00	4.50
	for use on 1/2" OD damper shaft (4.93" maximum radius)	VTD-1405	6.00	4.50
	for use on 3/8" OD damper shaft (4.93" maximum radius)	VTD-1406	6.00	4.50
3-Hole Crankarms for Connecting Actuator Linkage to Damper Shaft (holes on 1-3/8", 2", 2-11/16" radius)				
	for use on 3/8" OD damper shaft	VTD-1414	6.00	4.50
	for use on 1/2" OD damper shaft	VTD-1415	6.00	4.50
Replacement Actuator Diaphragms				
	for all MCP-8031 series actuators	HPO-0038	8.40	7.60
	for all 2" stroke actuators	VTD-9422	10.50	9.50
	for all 3" stroke actuators	VTD-9423	14.00	12.70
	for all 4" stroke actuators	VTD-9424	18.30	16.60
	for all 6" stroke actuators	VTD-9426	31.90	29.00

To view data sheets or purchase online, go to www.dynacononline.com

E-P Relays (3-Way Solenoid Air Valves)

1/4" Barb Connections

Open Frame (panel mount) Models: UL Recognized; CSA Certified

Models with NEMA 1 Junction Box: UL Listed, CSA Certified

Maximum Operating Pressure Differential:

VAC Models: 30 psig; VDC Models: 15 psig



EPY Series



EPJ Series

Cross Reference			¹ Air		Construction	Coil Voltage	Dynacon Part No.	Price Each	
TAC	Honeywell	Siemens	Capacity	Cv				1 - 5	6 - Up
AL-170	RP818B1002	265-1007	562 scim	0.06	Open Frame	24 VAC	EPY-24	24.80	21.20
AL-171	RP418B1071	265-1008	562 scim	0.06	Open Frame	120 VAC	EPY-120	24.80	21.20
---	---	---	562 scim	0.06	Open Frame	24 VDC	EPY-24-D	26.90	23.00
AL-180	RP818A1004	265-1001	562 scim	0.06	NEMA 1 Junction Box	24 VAC	EPJ-24	27.20	23.20
AL-181	RP418A1107	265-1002	562 scim	0.06	NEMA 1 Junction Box	120 VAC	EPJ-120	27.20	23.20
AL-182	RP418A1081	265-1003	562 scim	0.06	NEMA 1 Junction Box	208 VAC	EPJ-208	28.50	24.40
AL-183	RP418A1099	265-1004	562 scim	0.06	NEMA 1 Junction Box	240 VAC	EPJ-240	28.20	24.10
---	---	---	562 scim	0.06	NEMA 1 Junction Box	24 VDC	EPJ-24-D	29.20	25.00

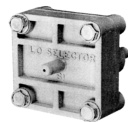
¹ at 15 psig and 1 psig pressure drop

Pneumatic Relays

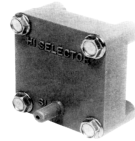
Air Connections for 1/4" Poly Tubing



RCC-1000 Series
Reversing Relays



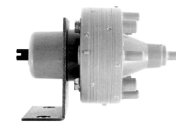
RCC-1006, 1106
Low Selector



RCC-1008, 1108
High Selector



RCC-1009, 1109
Diverting Relays



RCC-1500 Series
Relays



RCC-1010
Ratio Relay

Other Specifications	Air Capacity	Field Adjust	Relay Application	Mounting Bracket	Dynacon Part No.	Price Each	
						1 - 5	6 - Up
set @ 9 psig in/9 psig out	17.3 scim	0-15 psi	Reversing - pilot capacity		RCC-1001	13.10	11.90
set @ 8 psig in/8 psig out	17.3 scim	0-15 psi	Reversing - pilot capacity		RCC-1012	14.50	13.20
set @ 9 psig in/9 psig out	17.3 scim	0-15 psi	Reversing - pilot capacity	X	RCC-1101	14.40	13.10
set @ 8 psig in/8 psig out	17.3 scim	0-15 psi	Reversing - pilot capacity	X	RCC-1112	16.10	14.60
set @ 8 psig in/8 psig out	1728 scim	0-15 psi	Reversing - high capacity		RCC-1501	39.70	36.10
set @ 8 psig in/8 psig out	1728 scim	0-15 psi	Reversing - high capacity	X	RCC-1502	42.10	38.30
set @ 9 psig in/9 psig out	1728 scim	0-15 psi	Reversing - high capacity		RCC-1503	39.70	36.10
set @ 9 psig in/9 psig out	1728 scim	0-15 psi	Reversing - high capacity	X	RCC-1504	42.10	38.30
also use for signal repeating	17.3 scim	---	Low Pressure Selector		RCC-1006	8.00	7.30
also use for signal repeating	17.3 scim	---	Low Pressure Selector	X	RCC-1106	9.50	8.60
for use with inputs from relieving type devices	260 scim	---	High Pressure Selector		RCC-1008	7.70	7.00
	260 scim	---	High Pressure Selector	X	RCC-1108	9.10	8.30
5 psi fixed switching differential	432 scim	3-23 psi	Diverting		RCC-1009	24.00	21.80
5 psi fixed switching differential	432 scim	3-23 psi	Diverting	X	RCC-1109	25.50	23.20
ratio starts at 0-8 psig setting	---	0-8 psi	Ratio - adjustable 0-1.1%	X	RCC-1010	31.00	28.20
high capacity	1728 scim	---	Booster	X	RCC-1510	42.10	38.30
<u>Accessories</u>							
mounting bracket & retainer ring for any RCC-1500 series relay					HMO-4507	5.40	4.90
mounting bracket & retainer ring for any RCC-1000 series relay					HMO-4511	1.50	1.40

To view data sheets or purchase online, go to www.dynacononline.com

Pneumatic Switches

Pneumatic-to-Electric (P-E) Switches

UL Listed; CSA Certified

Electrical Connections:

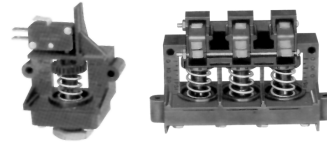
CCE-1000 series - screw terminals

CCE-3000 series - 1/4" quick connects

1/4" Barb Air Connections



CCE-1001,
CCE-1002



CCE-3003

Cross Reference			Contact Ratings		Differential	Cover	Setpoint	Switch Type	Dynacon Part No.	Price Each	
TAC	Honeywell	Siemens	@ 120V	@ 204/277V						1 - 5	6 - Up
R471-1	P658A1013	134-1460	20A, 1 HP	20A, 2 HP	2 psi fixed	X	2-25 psi	(1) SPDT	CCE-1001	30.00	27.00
R471-2	---	---	20A, 1 HP	20A, 2 HP	2 psi fixed	X	2-25 psi	(1) DPDT	CCE-1002	49.00	44.00
---	---	---	25A, 1 HP	25A, 2 HP	1 to 2 psi fixed		2-20 psi	(1) SPDT	CCE-3001	21.00	19.00
---	---	---	25A, 1 HP	25A, 2 HP	1 to 2 psi fixed		2-20 psi	(2) SPDT	CCE-3002	35.00	32.00
---	---	---	25A, 1 HP	25A, 2 HP	1 to 2 psi fixed		2-20 psi	(3) SPDT	CCE-3003	42.00	38.00

Gradual & Selector Switches

Panel or Surface Mount

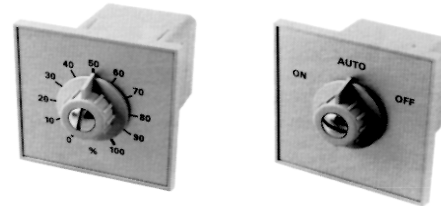
Supplied with blank faceplate. Order HDO series scaleplate separately.

Flush mount on panel face in 2" (51mm) diameter cutoff.

Surface mount with optional HMO-4506 mounting bracket.

Nipples for 1/4" OD (6mm) polyethylene tubing.

30 psig (207 kPa) maximum supply pressure.

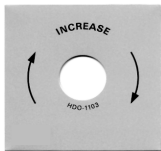


Range	Air Consumption	Air Capacity	Unused Ports	Switch Type	Dynacon Part No.	Price Each	
						1 - 5	6 - Up
2 to 18 psig	28.8 scim	28.8 scim	exhausted	Gradual	YMC-1001	25.90	23.50
---	---	576 scim	blocked	2-Position Selector	YMC-2001	31.00	28.20
---	---	576 scim	exhausted	2-Position Selector	YMC-2002	31.00	28.20
---	---	576 scim	blocked	3-Position Selector	YMC-3001	31.00	28.20
---	---	576 scim	exhausted	3-Position Selector	YMC-3002	31.00	28.20
---	---	576 scim	blocked	6-Position Selector	YMC-6001	31.00	28.20
surface mounting bracket					HMO-4506	6.90	6.30

Adhesive-backed Aluminum Scaleplates

	Dynacon Part No.	Price Each	
		1 - 5	6 - Up
For Gradual Switch			
(blank)	HDO-1101	2.30	2.10
0 to 100%	HDO-1102	2.30	2.10
Increase	HDO-1103	2.30	2.10
Increase	HDO-1104	2.30	2.10
1-2-3-4-5-6	HDO-1601	2.30	2.10
For 2-Position Selector			
(blank)	HDO-1101	2.30	2.10
Occ - Unocc	HDO-1201	2.30	2.10
Summer - Winter	HDO-1203	2.30	2.10
On-Off	HDO-1204	2.30	2.10
Open - Close	HDO-1205	2.30	2.10
1 - 2	HDO-1206	2.30	2.10
Day - Night	HDO-1207	2.30	2.10
Heat - Cool	HDO-1208	2.30	2.10
Manual - Auto	HDO-1209	2.30	2.10
Min - Max	HDO-1210	2.30	2.10

	Dynacon Part No.	Price Each	
		1 - 5	6 - Up
For 3-Position Selector			
(blank)	HDO-1101	2.30	2.10
1 - 2 - 3	HDO-1301	2.30	2.10
On - Auto - Off	HDO-1302	2.30	2.10
Day - Auto - Night	HDO-1303	2.30	2.10
Occ - Auto - Unocc	HDO-1304	2.30	2.10
Heat - Auto - Cool	HDO-1305	2.30	2.10
Summer-Auto-Winter	HDO-1306	2.30	2.10
Open - Auto Close	HDO-1307	2.30	2.10
For 6-Position Selector			
(blank)	HDO-1101	2.30	2.10
1 - 2 - 3 - 4 - 5 - 6	HDO-1601	2.30	2.10



To view data sheets or purchase online, go to www.dynacononline.com

Pneumatic Thermostat Packages

Two-Pipe, Direct and Reverse Acting

Package Includes Thermostat Module, Vertical °F Scaleplate, Almond Window Cover and Backplate to Mount to 2"x4" Electrical Box



Backplate adapts to most Barber-Colman, Johnson Controls, Landis & Staefa, Robertshaw & Siebe thermostat mounting plates

*20 psig Operating, 30 psig Maximum Main Air Pressure
Factory Calibrated to 9 psig Branch Pressure*

Mounting	Air Consumption	Set Point Range ¹	Throttling Range		Type / Action	Dynacon Part No.	Price Each	
			Adjustable	Factory Set			1 - 5	6 - Up
Vertical ¹	20 scim	55-85°F	3-12°F	3°F	2-pipe, Direct Acting	CTC-1621-103	57.00	52.00
Vertical ¹	20 scim	55-85°F	3-12°F	3°F	2-pipe, Reverse Acting	CTC-1622-103	57.00	52.00
Vertical ¹	20 scim	13-29°C	1.7-6.7°C	1.6°C	2-pipe, Direct Acting	CTC-1621-113	57.00	52.00
Vertical ¹	20 scim	13-29°C	3-12°F	1.6°C	2-pipe, Reverse Acting	CTC-1622-113	57.00	52.00

¹ can be changed in field to horizontal mounting with optional scaleplate assembly

Accessories

setpoint stops - strip of 4 break apart stops	HFO-0027	0.60	0.50
tygothane tubing kit (8" of 5/32" tubing with spring; 1/4" tubing adapters)	HFO-0028	2.60	2.40
scaleplate assembly to convert to horizontal mounting, 55-85°F range	HPO-0047	6.00	5.60
scaleplate assembly to convert to horizontal mounting, 13-29°C range	HPO-0049	5.70	5.25
scaleplate assembly to convert to vertical mounting, 13-29°C range	HPO-0050	5.70	5.25
blank cover, ABS almond (to replace window cover supplied in pkg)	HPO-1501	5.30	4.80
hollow wall mounting kit (bracket, screws & cutout template)	HMO-5023	3.50	3.20

Pneumatic Thermostats

Two-Pipe, Two Temperature

Module Only; Cover & Scaleplate Ordered Separately



Remote indexing by change in main air supply.

*20 psig Operating, 30 psig Maximum Main Air Pressure
Factory Calibrated to 9 psig Branch Pressure*

*For day/night, summer/winter,
or other changeover applications*

Mounting	Air Consumption	Set Point Range ¹	Throttling Range		Thermostat Action	Dynacon Part No.	Price Each	
			Adjustable	Factory Set			1 - 5	6 - Up
determined by scaleplate selected	20 scim	55-85°F	3-12°F	3°F	DA @ 16 psi, DA @ 25 psi	CTC-1643 ¹	77.40	70.40
	20 scim	55-85°F	3-12°F	3°F	RA @ 16 psi, RA @ 25 psi	CTC-1644 ¹	77.40	70.40
	20 scim	55-85°F	3-12°F	3°F	RA @ 16 psi, DA @ 25 psi	CTC-1645 ¹	77.40	70.40
	20 scim	55-85°F	3-12°F	3°F	DA @ 16 psi, RA @ 25 psi	CTC-1646 ¹	77.40	70.40

¹ add "-23" to part number for 13/18 psi switchover; add "-25" to part number for 15/22 psi switchover

Accessories

setpoint stops - strip of 4 break apart stops	HFO-0027	0.60	0.50
tygothane tubing kit (8" of 5/32" tubing with spring; 1/4" tubing adapters)	HFO-0028	2.60	2.40
scaleplate assembly for horizontal mounting, 55-85°F range	HPO-0047	6.00	5.60
scaleplate assembly for vertical mounting, 55-85°F range	HPO-0048	6.00	5.60
scaleplate assembly for horizontal mounting, 13-29°C range	HPO-0049	5.70	5.25
scaleplate assembly for vertical mounting, 13-29°C range	HPO-0050	5.70	5.25
blank cover, ABS almond	HPO-1501	5.30	4.80
window cover, ABS almond	HPO-1511	5.30	4.80
hollow wall mounting kit (bracket, screws & cutout template)	HMO-5023	3.50	3.20
backplate for mounting to 2x4 electrical box, almond	HMO-5024	5.20	4.70

To view data sheets or purchase online, go to www.dynacononline.com

Pneumatic Controllers

CTC-4101 Temperature Controller

2-Pipe, Direct Acting, Remote Bulb



Non-bleed design; air usage only when output pressure increases.

*39" (99cm) capillary with 8" x .25" diameter (20x .64cm) bulb;
liquid filled proportionally sensitive over full length.*

Furnished with main air filter and right angle mounting bracket.

30 psig (207 kPa) maximum pressure; 131° F (55° C) maximum temperature.

Action	Air Consumption	Air Capacity	Proportional Band	Setpoint Range (Dual Scale)	Dynacon Part No.	Price Each	
						1 - 5	6 - Up
2-pipe, direct acting	20.7 scim	400 scim	4°F (2.5°C)	50°F to 96°F (5°C to 35°C)	CTC-4101	99.80	90.70

Receiver-Controllers

Dual Input, Remote Setpoint Adjustment

Single or dual input, with or without remote setpoint adjustment.

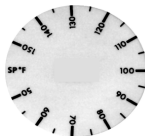


Setpoint Adjustment:

CCC-1001: "blind"

CCC-1002: 3-15 psig setpoint dial accepts adhesive dial overlays

Action	Air Consumption	Remote Setpoint	Field Adjustments			Capacity @ 20 psig	Dynacon Part No.	Price Each	
			Authority	Throttling Range	Setpoint			1 - 5	6 - Up
Restricted Output									
D.A. or R.A. field adjustable	43.2 scim	+/-10%, DA	20% to 200%	4% to 40%	1.75 psi per revolution	43.2 scim	CCC-1001	128.90	117.20
Boosted Output									
D.A. or R.A. field adjustable	43.2 scim	+/-10%, DA	20% to 200%	4% to 40%	1.75 psi per revolution	201.6 scim	CCC-1002	146.10	132.80



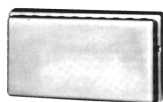
Dial Overlays for CCC-1002 Receiver-Controller

0°F to 100°F (across 3-15 psig range)	HDO-2333	2.30	2.10
50°F to 150°F (across 3-15 psig range)	HDO-2334	2.30	2.10
50°F to 100°F (across 3-15 psig range)	HDO-2335	2.30	2.10
40°F to 240°F (across 3-15 psig range)	HDO-2336	2.30	2.10
-40°F to 160°F (across 3-15 psig range)	HDO-2337	2.30	2.10

To view data sheets or purchase online, go to www.dynacononline.com

Temperature Transmitters

1-Pipe, Direct Acting



TTC-3001



TTC-1000 Series, TTC-1507



TTC-2000 Series

Application	Order Separately	Action	Air		Range	Dynacon Part No.	Price Each	
			Consumption	Output Signal			1 - 5	6 - Up
room	restrictor tee, cover	D.A.	14.4 scim	3 to 15 psig	50°F to 100°F	TTC-3001	26.70	24.30
duct / immersion	restrictor tee, bracket/well	D.A.	28.8 scim	3 to 15 psig	0°F to 100°F	TTC-1003	97.70	88.80
duct / immersion	restrictor tee, bracket/well	D.A.	28.8 scim	3 to 15 psig	50°F to 150°F	TTC-1004	97.70	88.80
duct / immersion	restrictor tee, bracket/well	D.A.	28.8 scim	3 to 15 psig	50°F to 100°F	TTC-1005	97.70	88.80
duct / immersion	restrictor tee, bracket/well	D.A.	28.8 scim	3 to 15 psig	40°F to 240°F	TTC-1006	97.70	88.80
duct averaging	restrictor tee	D.A.	28.8 scim	3 to 15 psig	0°F to 100°F	TTC-2003	115.40	104.90
duct averaging	restrictor tee	D.A.	28.8 scim	3 to 15 psig	50°F to 150°F	TTC-2004	115.40	104.90
duct averaging	restrictor tee	D.A.	28.8 scim	3 to 15 psig	50°F to 100°F	TTC-2005	115.40	104.90
outside air	restrictor tee	D.A.	28.8 scim	3 to 15 psig	-40°F to 160°F	TTC-1507	115.40	104.90

Accessories

in-line restrictor tee; .005", 14.4 scim; 1/4" poly tube nipples (for TTC-3001)	HFO-0010	2.60	2.40
in-line restrictor tee; .007", 28.8 scim; 1/4" poly tube nipples (for TTC-1000/2000 series; TTC-1507)	HFO-0022	3.70	3.40
tygothane tubing kit for TTC-3001 (tubing with spring, eyelets, adaptors)	HFO-0028	2.60	2.40
hollow walll mounting kit for TTC-3001	HMO-5023	3.50	3.20
backplate for mounting TTC-3001 to 2x4 electrical box	HMO-5024	5.20	4.70
immersion well (bronze) for TTC-1003/1004/1005/1006 (3/8"-18MPT x 11.1" long)	HMO-4503	16.80	15.30
duct mounting bracket for TTC-1003/1004/1005/1006	HMO-4504	8.60	7.80
blank cover for TTC-3001	HPO-1511	5.30	4.80

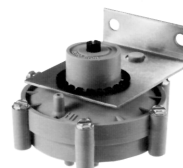
Pressure Transmitters

1-Pipe, Direct Acting



TPC-1002, TPC-1003 ΔP Transmitters

Maximum Input Pressure: 300 psi (2088 kPa)
 Maximum ΔP : 85 psi (685 kPa) for TPC-1002
 150 psi (1034 kPa) for TPC-1003



TSC- 2000 Series Static Pressure Transmitters

20 psig (138 kPa) operating pressure
 30 psig (207 kPa) maximum pressure.

Order Separately	Action	Air		Output Signal	Input Range	Dynacon Part No.	Price Each	
		Consumption					1 - 5	6 - Up
Differential Pressure Transmitters								
restrictor tee	D.A.	14.4 scim		3 to 15 psig	0 to 50 psig (0 to 345 kPa)	TPC-1002	113.20	110.00
restrictor tee	D.A.	14.4 scim		3 to 15 psig	0 to 100 psig (0 to 689 kPa)	TPC-1003	128.25	124.70
Static Pressure Transmitters								
restrictor tee	D.A.	14.4 scim		3 to 15 psig	0" to .5" wc (0 to .12 kPa)	TSC-2001	39.20	35.60
restrictor tee	D.A.	14.4 scim		3 to 15 psig	0" to 1" wc (0 to .25 kPa)	TSC-2002	39.20	35.60
restrictor tee	D.A.	14.4 scim		3 to 15 psig	0" to 2" wc (0 to .5 kPa)	TSC-2003	39.20	35.60
restrictor tee	D.A.	14.4 scim		3 to 15 psig	0" to 4" wc (0 to 1 kPa)	TSC-2004	39.20	35.60
restrictor tee	D.A.	14.4 scim		3 to 15 psig	-.5" to 0.5" wc (-.12 to .12 kPa)	TSC-2005	39.20	35.60

Accessories

in-line restrictor tee; .005", 14.4 scim; 1/4" poly tube nipples (for TTC-3001)	HFO-0010	2.60	2.40
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To view data sheets or purchase online, go to www.dynacononline.com

Pneumatic Air Preparation Products

Pressure Regulators

In-Line, Panel or Surface Mount

Relieving diaphragm type regulator for use only with compressed air.

Non-rising push-to-lock adjustment knob maintains setpoint.

Two full flow gauge ports. Either usable as additional regulated output.

In-line mounting or surface mounting bracket available. Not position sensitive.

Maximum pressure 300 psig (2068 kPa).

0° to 150° F (-20° to 66° C) ambient with air sufficiently dry to avoid ice formation below 35° F (2° C).



Regulator Type	Gauge Ports	Rated Flow	Output Setpoint Range	Main Ports	Dynacon Part No.	Price Each	
						1 - 5	6 - Up
Miniature	1/8" FPT (2)	16 scfm (453 l/s)	5 to 50 psig (34 to 345 kPa)	1/8" FPT	AR-10	12.50	11.50
Miniature	1/8" FPT (2)	20 scfm (566 l/s)	5 to 50 psig (34 to 345 kPa)	1/4" FPT	AR-20	12.50	11.50
Standard	1/4" FPT (2)	80 scfm (2264 l/s)	5 to 60 psig (34 to 414 kPa)	1/4" FPT	AR-215	24.30	22.50
Standard	1/4" FPT (2)	80 scfm (2264 l/s)	5 to 60 psig (34 to 414 kPa)	3/8" FPT	AR-315	24.30	22.50
Standard	1/4" FPT (2)	80 scfm (2264 l/s)	5 to 150 psig (34 to 1034 kPa)	1/4" FPT	AR-210	24.30	22.50
Standard	1/4" FPT (2)	80 scfm (2264 l/s)	5 to 150 psig (34 to 1034 kPa)	3/8" FPT	AR-310	24.30	22.50
Accessories							
Plastic panel mounting nut for AR-10, AR-20					AX-01	1.70	1.50
Plastic panel mounting nut for AR-210, AR-215, AR-310, AR-315					AX-02	1.70	1.40
Wall mounting bracket with nut for AR-10, AR-20					AX-03	5.20	4.40
Wall mounting bracket with nut for AR-210, AR-215, AR-310, AR-315					AX-05	8.00	6.70

Filter-Regulators

In-Line, Panel or Surface Mount

5 micron filter element removes most solid and liquid particles.

Relieving diaphragm type regulator for use only with compressed air.

Non-rising push-to-lock adjustment knob maintains setpoint.

Automatic drain models with 1/8" MPT drain connection operate unattended.

Standard series units have metal bowl and liquid level indicator.

Maximum pressure 150 psig (1034 kPa) for miniature series; 250 psig (1724 kPa) for standard series.

0° to 125° F (-20° to 52° C) ambient for miniature series; 0° to 175° F (-20° to 80° C) with air sufficiently dry to avoid ice formation below 35° F (2° C).



Type	Gauge Ports (2)	Rated Flow	Output Setpoint Range	Drain Type	Main Ports	Dynacon Part No.	Price Each	
							1 - 5	6 - Up
Miniature	1/8" FPT	11 scfm (312 l/s)	5 to 100 psig (34 to 689 kPa)	manual	1/8" FPT	ARF-10M	26.80	24.80
Miniature	1/8" FPT	16 scfm (453 l/s)	5 to 100 psig (34 to 689 kPa)	manual	1/4" FPT	ARF-20M	26.80	24.80
Standard	1/4" FPT	70 scfm (1981 l/s)	5 to 150 psig (34 to 1034 kPa)	automatic	1/4" FPT	ARF-210A	72.90	67.40
Standard	1/4" FPT	70 scfm (1981 l/s)	5 to 150 psig (34 to 1034 kPa)	manual	1/4" FPT	ARF-210M	53.70	49.70
Standard	1/4" FPT	70 scfm (1981 l/s)	5 to 150 psig (34 to 1034 kPa)	automatic	3/8" FPT	ARF-310A	72.90	67.40
Standard	1/4" FPT	70 scfm (1981 l/s)	5 to 150 psig (34 to 1034 kPa)	manual	3/8" FPT	ARF-310M	53.70	49.70
Accessories								
Plastic panel mounting nut for ARF-10M, ARF-20M						AX-01	1.70	1.50
Plastic panel mounting nut for ARF-210A, ARF-210M, AR-310A, AR-310M						AX-02	1.70	1.40
Wall mounting bracket with nut for ARF-10M, ARF-20M						AX-03	5.20	4.40
Wall mounting bracket with nut for ARF-210A, ARF-210M, AR-310A, AR-310M						AX-05	8.00	6.70
Replacement 5 micron filter element for ARF-10M, ARF-20M						AZ-1	3.30	2.80
Replacement 5 micron filter element for ARF-210A, ARF-210M, AR-310A, AR-310M						AZ-5	4.10	3.40

To view data sheets or purchase online, go to www.dynacononline.com

Pneumatic Air Preparation Products

General Purpose Pre-Filters

In-Line or Surface Mount

5 micron filter element removes most solid and liquid particles.
 Metal bowl with prismatic liquid level indicator.
 Manual drain models utilize 1/4 turn drain cock.
 Automatic drain models with 1/8" MPT drain connection operate unattended.



For use with compressed air only.

Maximum pressure 250 psig (1724 kPa).

0° to 150° F (-20° to 66° C) ambient with air sufficiently dry to avoid ice formation below 35° F (2° C).

Rated Flow	Drain Type	Main Ports	Dynacon Part No.	Price Each	
				1 - 5	6 - Up
50 scfm (1415 l/s)	automatic	1/4" FPT	ASF-210A	51.80	47.90
50 scfm (1415 l/s)	manual	1/4" FPT	ASF-210M	32.60	30.20
50 scfm (1415 l/s)	automatic	3/8" FPT	ASF-310A	51.80	47.90
50 scfm (1415 l/s)	manual	3/8" FPT	ASF-310M	32.60	30.20
Accessories					
Wall mounting bracket			AX-09	5.80	4.90
Replacement 5 micron filter element			AZ-5	4.10	3.40

Coalescing Oil Removal Filters

In-Line or Surface Mount

For use with compressed air only.
 Metal bowl with prismatic liquid level indicator.
 Manual drain models utilize 1/4 turn drain cock.
 Automatic drain models with 1/8" MPT drain connection operate unattended.
 Maximum pressure 250 psig (1724 kPa).
 0° to 150° F (-20° to 66° C) ambient with air sufficiently dry to avoid ice formation below 35° F (2° C).



Coalescing filter element removes particles down to 0.01 micron with maximum remaining oil content of 0.01 ppm at 70° F (21° C) at an inlet concentration of 17 ppm¹.

¹ Air Quality Class 2 Hydrocarbon and Class 1 Particulate Removal in accordance with ISO 8753-1

Rated Flow	Drain Type	Main Ports	Dynacon Part No.	Price Each	
				1 - 5	6 - Up
26 scfm (736 l/s)	automatic	1/4" FPT	AWF-210A	74.00	68.40
26 scfm (736 l/s)	manual	1/4" FPT	AWF-210M	54.80	50.70
26 scfm (736 l/s)	automatic	3/8" FPT	AWF-310A	74.00	68.40
26 scfm (736 l/s)	manual	3/8" FPT	AWF-310M	54.80	50.70
Accessories					
Wall mounting bracket			AX-09	5.80	4.90
Replacement coalescing filter element			AZ-6	33.90	28.30

Safety Relief Valve

Brass body, stem and seat; stainless steel ball.
 Reset Pressure: 20% to 25% below relief pressure.
 250° F (121° C) maximum temperature.



Minimum Capacity @ 30 psig	Pressure Setpoint and Adjustment Range		Pipe Connection	Dynacon Part No.	Price Each	
	Factory Setting	Adjustment			1 - 5	6 - Up
4 scfm (113 l/s)	30 +/-2 psig (207 +/-14 kPa)	2 to 75 psig (14 to 517 kPa)	1/4" MPT	SP-30	8.60	7.50

To view data sheets or purchase online, go to www.dynacononline.com

Pneumatic Installation Supplies

Pressure Gauges

Black ABS plastic case. Polycarbonate lens.

Comply with ANSI B40.1-1974; accuracy at midrange: 2% of full scale; accuracy at end ranges: 3% of full scale.



Mounting	Dial Size	Dual Scale Range	Center Back Connection	Dynacon Part No.	Price Each	
					1 - 5	6 - Up
stem mount	2" (51mm)	0 to 30 psi / 0 to 2.1 bar	1/8" MPT	GP-401	4.00	3.80
stem mount	2" (51mm)	0 to 160 psi / 0 to 11 bar	1/4" MPT	GP-403	4.00	3.80
stem mount	2" (51mm)	0 to 30 psi / 0 to 2.1 bar	1/4" MPT	GP-405	4.00	3.80
stem mount	2" (51mm)	0 to 60 psi / 0 to 4.1 bar	1/4" MPT	GP-406	4.00	3.80
stem mount	2" (51mm)	0 to 160 psi / 0 to 11 bar	1/4" MPT	GP-407	4.00	3.80
flush (panel) mount ¹	2" (51mm)	0 to 30 psi / 0 to 2.1 bar	1/4" Barb	GP-408	7.50	6.90
flush (panel) mount ¹	2" (51mm)	0 to 160 psi / 0 to 11 bar	1/8" MPT	GP-409	8.70	8.70

¹ U-clamp assembly supplied; requires 2-5/32" (54.8mm) panel hole

In-Line Control Air Filters

F-400 coalescing filter turns 'red' when oil saturated. Removes particulates, aerosols and vapor. Borosilicate microfiber element, 99.999% efficient.

HFO-0006 removes particulates from control air; 8-800 Scottfelt element.



Description	Dimensions	Polyethylene Tubing Connections	Filter Efficiency	Dynacon Part No.	Price Each	
					1 - 5	6 - Up
in-line coalescing oil removal filter	1.06" dia x 3.44"L (27x87mm)	1/4" or 3/8" OD	0.2 micron	F-400	8.00	7.50
in-line control air filter	0.7" dia x 1.2"L (18x30.5mm)	1/4" OD	25 micron	HFO-0006	1.90	1.70

Miscellaneous Piping Accessories

ABS plastic



Maximum pressure 30 psig (207 kPa).

Application	Description	Output Flow Capacity @ 20 psig	Polyethylene Tubing Connections	Dynacon Part No.	Price Each	
					1 - 5	6 - Up
in-line restrictor	.007" (.18mm) orifice (gray)	28.8 scim (1 scfm)	1/4" (6mm) OD ¹	HFO-0025	2.30	2.10
in-line restrictor	.005" (.13mm) orifice (beige)	14.4 scim (.008 scfm)	1/4" (6mm) OD ¹	HFO-0029	2.80	2.50
in-line restrictor tee	.005" (.13mm) orifice (beige)	14.4 scim (.008 scfm)	1/4" (6mm) OD ¹	HFO-0010	2.60	2.40
in-line restrictor tee	.007" (.18mm) orifice (gray)	28.8 scim (1 scfm)	1/4" (6mm) OD ¹	HFO-0022	3.70	3.40
in-line restrictor tee	.009" (.23mm) orifice (red)	57.6 scim (.033 scfm)	1/4" (6mm) OD ¹	HFO-0038	4.30	3.90
gauge elbow	1/8" FPT gauge port; screw holes on 1" (25.4mm) centers		1/4" (6mm) OD	HFO-0008	2.60	2.40
gauge tee	1/8" FPT gauge port; screw holes on 1" (25.4mm) centers		1/4" (6mm) OD	HFO-0012	2.20	2.00
piping header	3/8" FPT inlet air port; 9 outlet air ports for 1/4" tube		1/4" (6mm) OD	HFO-0002	4.10	3.70

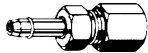




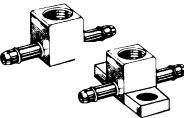
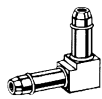

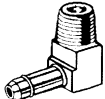
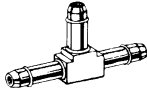

¹ inlet port filtered and restricted

To view data sheets or purchase online, go to www.dynacononline.com

Barb Fittings

Brass

*Must Be Purchased in
Multiples of Package Quantities*

	Cross Reference				Description	Pkg Qty	Dynacon Part No.	Price Per Pkg	
	Honeywell	Johnson	Siemens	TAC				1 - 5	6 - Up
Compression Adaptors									
	1635B	F-200-33	141-233	B-137	1/4 barb x 1/4 compression	50	BA-44	24.20	22.60
Bulkhead Unions									
	1619B	---	---	B-138	1/4 barb x 1/4 compression	25	BA-44-B	34.70	32.60
	---	---	---	B-139	3/8 barb x 3/8 compression	25	BA-66-B	67.40	63.20
	---	---	---	B-142	1/4 barb x 1/4 barb	50	BBC-44	44.20	41.10
Barb Couplings									
	1607B	F-300-26	141-201	B-263	1/4 barb x 1/4 barb	50	BC-44	12.10	11.60
	1606B	F-300-30	141-246	B-261	1/4 barb x 5/32 barb	50	BC-45	13.20	12.60
	1628B	F-300-31	141-247	B-260	5/32 barb x 5/32 barb	50	BC-55	13.20	12.60
	1610B	F-300-21	141-217	B-265	1/4 barb x 3/8 barb	50	BC-64	10.50	10.00
	1608B	F-300-27	141-216	B-264	3/8 barb x 3/8 barb	50	BC-66	13.20	12.60
	1611B	F-300-19	141-219	B-266	1/2 barb x 3/8 barb	25	BC-86	13.20	12.60
	1617B	F-300-36	141-218	B-267	1/2 barb x 1/2 barb	25	BC-88	13.20	12.60
Barb-to-FPT Adapters									
	1594B	---	141-211	B-135	1/4 barb x 1/8 FPT	100	BFC-42	48.40	45.30
	---	---	---	---	3/8 barb x 1/8 FPT	25	BFC-62	13.70	12.60
Gauge Tees									
	1614B	F-700-76	141-227	B-373	1/4 barb x 1/4 barb x 1/8 FPT	25	BFT-442	16.30	14.70
	---	F-700-80	141-437	B-373-1	1/4 x 1/4 barb x 1/8 FPT drop ear	10	BFX-442	34.70	32.60
	1604BT	F-700-63	141-436	B-387	1/4 barb x 1/8 MPT x 1/8 FPT	50	BGT-422	83.20	79.00
Barb Elbows									
	1642	F-700-39	141-230	B-573	1/4 barb x 1/4 barb	100	BL-44	37.90	35.80
	---	F-700-38	141-231	B-574	3/8 barb x 3/8 barb	100	BL-66	52.70	50.50
	---	F-700-37	141-232	B-575	1/2 barb x 1/2 barb	50	BL-88	31.10	29.50
Male Adaptors									
	1500BT	F-100-11	141-200	B-132	1/4 barb x 1/8 MPT	100	BMC-42	25.30	24.20
	1633BT	---	---	---	1/4 barb x 1/4 MPT	100	BMC-44	36.90	34.70
	1599BT	F-100-21	141-438	B131-10	1/4 & 5/32 barb x 1/4 MPT	100	BMC-452	60.50	57.00
	1529BT	---	141-209	B-134	3/8 barb x 1/4 MPT	50	BMC-64	20.00	19.00
Barb to MPT Elbows									
	1595BT	F-500-1	---	B-571	1/4 barb x 1/8 MPT	100	BML-42	41.10	37.90
	---	---	---	---	1/4 barb x 1/4 MPT	50	BML-44	30.50	29.00
	1596BT	F500-36	141-205	---	3/8 barb x 1/8 MPT	100	BML-62	52.70	50.50
	---	---	141-209	---	3/8 barb x 1/2 MPT	25	BML-64	16.80	14.70
Barb Tees									
	1612B	F-700-73	141-203	B-376	1/4 barb x 1/4 barb x 1/4 barb	100	BT-444	40.00	36.90
	1630B	F-700-84	---	B-375	1/4 barb x 1/4 barb x 5/32 barb	100	BT-445	83.20	77.90
	1637B	F-700-83	141-245	B-374	5/32 barb x 5/32 barb x 5/32 barb	100	BT-555	83.20	77.90
	1615B	F-700-74	141-214	B-377	3/8 barb x 3/8 barb x 1/4 barb	100	BT-664	42.10	40.00
	1613B	F-700-75	141-204	B-378	3/8 barb x 3/8 barb x 3/8 barb	100	BT-666	63.20	60.00
	1616B	F-700-67	141-223	B-379	1/2 barb x 1/2 barb x 1/4 barb	50	BT-884	32.10	30.00
	1620B	F-700-65	141-221	B-381	1/2 barb x 1/2 barb x 1/2 barb	50	BT-888	34.20	32.10
Barb Plugs									
	1640	F1000-323	141-237	B-391	1/4 barb	50	BX-4	8.40	7.90
	---	---	---	---	1/4 & 5/32 barb	50	BX-45	13.70	13.20
	---	F1000-241	141-238	B-392	3/8 barb	50	BX-6	23.70	22.60






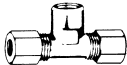






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Pneumatic Installation Supplies

Compression Fittings

Brass

Must Be Purchased in
Multiples of Package Quantities

	Cross Reference				Description	Pkg Qty	Dynacon Part No.	Price Per Pkg	
	Honeywell	Johnson	Siemens	TAC				1 - 5	6 - Up
Bulkhead Unions									
	---	F-800-8	---	C-375	1/4 comp x 1/4 comp	10	CBC-44	21.10	19.50
	---	---	---	C-376	3/8 comp x 3/8 comp	10	CBC-66	28.40	26.30
Compression Unions									
	1421	F-800-3	044-148	C-233	1/4 comp x 1/4 comp	50	CC-44	43.20	40.00
	1428	F-800-4	---	C-234	3/8 comp x 1/4 comp	10	CC-64	25.30	23.20
	1423	F-800-5	044-150	C-235	3/8 comp x 3/8 comp	50	CC-66	52.70	50.50
Union Elbow									
	1479	---	---	---	1/4 comp x 1/4 comp	10	CCL-44	11.60	10.50
Ferrules (Sleeves)									
	1517	F-1000-9	---	C-381	Delrin; for 1/4 OD poly tubing	200	CD-4	21.10	19.00
	1572	F-1000-10	---	C-382	Delrin; for 3/8 OD poly tubing	100	CD-6	13.70	12.60
	1573	F-1000-11	---	C-383	Delrin; for 1/2 OD poly tubing	100	CD-8	20.00	17.90
	1403	T800-6001	---	C-381-C	Brass; for 1/4 copper tubing	100	CF-4	13.70	11.60
	1405	F-1000-13	---	C-382-C	Brass; for 3/8 copper tubing	100	CF-6	13.70	11.60
Branch Tees									
	1564T	F-700-7	044-188	C-372	1/4 comp x 1/4 comp x 1/8 FPT	10	CFB-442	27.40	25.30
	1551T	F-700-4	044-213	C-361	1/4 comp x 1/4 comp x 1/8 MPT	10	CMB-442	19.00	17.90
Female Adaptors									
	1459	---	---	C-146	1/4 comp x 1/8 FPT	25	CFC-42	15.80	15.30
	1460	---	---	C-147	1/4 comp x 1/4 FPT	10	CFC-44	10.00	9.50
	1465	---	---	C-148	3/8 comp x 1/4 FPT	10	CFC-64	14.20	13.20
Gauge Tee									
	1560T	---	---	C-370	1/4 comp x 1/8 MPT x 1/8 FPT	10	CGT-422	57.90	54.80
Inserts for Poly Tubing									
	1575	F1000-198	---	C-384	Brass; for 1/4 OD poly tubing	200	CI-4	12.60	10.50
	1576	F1000-184	---	C-385	Brass; for 3/8 OD poly tubing	200	CI-6	14.70	12.60
	1577	F1000-9	---	C-386	Brass; for 1/2 OD poly tubing	100	CI-8	13.70	12.60
Male Adaptors									
	1435T	F-200-3	044-128	C-133	1/4 comp x 1/8 MPT	50	CMC-42	29.50	27.40
	1436T	F1000-36	044-129	C-134	1/4 comp x 1/4 MPT	50	CMC-44	47.40	45.30
	1437T	---	---	C-134-3	1/4 comp x 3/8 MPT	10	CMC-46	13.70	12.60
	1442T	F-200-4	044-135	C-135	3/8 comp x 1/8 MPT	25	CMC-62	23.70	22.10
	1443T	F-200-5	044-137	C-136	3/8 comp x 1/4 MPT	25	CMC-64	21.60	20.00
	1445T	F-200-6	044-138	C-137	3/8 comp x 3/8 MPT	25	CMC-66	25.80	24.20
	1499T	---	---	---	3/8 comp x 1/2 MPT	25	CMC-68	45.30	43.20
Compression-to-MPT Elbows									
	1490T	F-500-3	---	C-535	1/4 comp x 1/8 MPT	50	CML-42	43.20	41.10
	1491T	---	---	C-536	1/4 comp x 1/4 MPT	50	CML-44	45.80	43.70
	1496T	F-500-4	044-176	---	3/8 comp x 1/8 MPT	25	CML-62	55.30	52.70
	1497T	F-500-5	044-175	C-538	3/8 comp x 1/4 MPT	25	CML-64	51.60	49.50
	1498T	F-500-6	---	C-539	3/8 comp x 3/8 MPT	25	CML-66	66.30	63.20
Compression Nuts									
	1412	F1000-35	---	C-381-N	1/4 comp	100	CN-4	16.80	15.80
	1414	---	---	C-382-N	3/8 comp	100	CN-6	25.30	24.20

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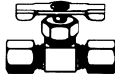
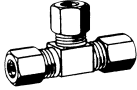

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Compression Fittings

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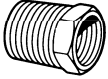
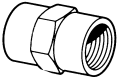
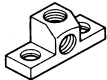
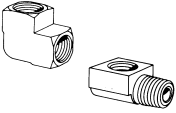
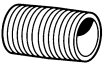
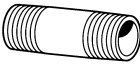
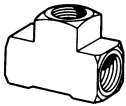
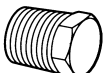
Must Be Purchased in
Multiples of Package Quantities

Brass

	Cross Reference				Description	Pkg Qty	Dynacon Part No.	Price Per Pkg	
	Honeywell	Johnson	Siemens	TAC				1 - 5	6 - Up
	2135	F1000-93	---	C-151	1/4 comp x 1/4 comp	10	CNV-44	29.50	27.40
	2136	F1000-94	---	C-152	3/8 comp x 3/8 comp	10	CNV-66	39.00	35.80
Compression Tees									
	1529	F-700-9	044-205	C-333	1/4 comp x 1/4 comp x 1/4 comp	25	CT-444	53.20	49.50
	1538	F-700-10	---	C-335	3/8 comp x 3/8 comp x 1/4 comp	10	CT-664	29.00	27.40
	1531	F-700-11	044-207	C-336	3/8 comp x 3/8 comp x 3/8 comp	25	CT-666	54.20	51.60
Seal Plug									
	1568	F1000-14	---	C-378	1/4 comp	25	CX-4	16.30	15.30

Brass Pipe Fittings

Must Be Purchased in
Multiples of Package Quantities

	Cross Reference				Description	Pkg Qty	Dynacon Part No.	Price Per Pkg	
	Honeywell	Johnson	Siemens	TAC				1 - 5	6 - Up
Bushings									
	1692T	F1000-15	---	M-111	1/4 MPT x 1/8 FPT	25	UB-42	6.80	6.30
	1693T	F1000-16	---	M-112	3/8 MPT x 1/8 FPT	25	UB-62	10.50	10.00
	1694T	F1000-17	---	M-113	3/8 MPT x 1/4 FPT	25	UB-64	10.50	10.00
	1695T	F1000-18	---	M-114	1/2 MPT x 1/8 FPT	25	UB-82	17.90	16.80
	1696T	F1000-19	---	M-114-2	1/2 MPT x 1/4 FPT	25	UB-84	13.20	12.10
	---	F1000-20	---	M-114-3	1/2 MPT x 3/8 FPT	25	UB-86	13.20	12.10
	---	---	---	M-116	3/4 MPT x 1/4 FPT	10	UB-94	19.50	18.40
Couplings									
	---	---	---	M-145-1	1/8 FPT x 1/8 FPT	25	UC-22	16.30	15.30
	---	---	---	M-145-2	1/4 FPT x 1/4 FPT	25	UC-44	24.20	21.10
90° Drop Ear Elbow									
	---	---	---	M-127	1/8 FPT x 1/8 FPT	10	UDL-22	41.60	39.00
90° Elbows									
	---	F-500-28	044-205	M-124	1/8 FPT x 1/8 FPT	25	UL-44	31.60	30.00
	1659T	---	---	M-126	1/8 FPT x 1/8 MPT STREET ELBOW	50	ULS-22	24.20	23.20
Nipples									
	---	---	---	M-141	1/8 MPT x 1/8 MPT CLOSE NIPPLE	50	UN-22	14.70	13.70
	---	---	---	M-146-1	1/8 MPT x 1/8 MPT 1-1/2" LONG	25	UN-22S	8.40	7.90
	---	---	---	M-142	1/4 MPT x 1/4 MPT 1-1/2" LONG	25	UN-44S	14.70	13.70
	---	---	---	M-146-1	1/4 MPT x 1/4 MPT 3" LONG	10	UN-44L	10.50	9.50
	---	---	---	M-147	3/8 MPT x 3/8 MPT 2" LONG	10	UN-66L	14.70	13.70
Tees									
	---	F-700-38	---	M-117	1/8 FPT x 1/8 FPT x 1/8 FPT	25	UT-222	47.40	45.30
	---	F-700-39	---	M-118	1/4 FPT x 1/4 FPT x 1/4 FPT	25	UT-444	29.50	27.40
Hex Head Plugs									
	1705T	---	---	M-101	1/8 MPT	50	UX-2	9.50	9.00
	1706T	---	---	M-102	1/4 MPT	50	UX-4	32.60	31.10

To view data sheets or purchase online, go to www.dynacononline.com

Pneumatic Receiver Gauge

Receiver Gauge

Flush Mount

Chrome plated steel case and ring; acrylic lens

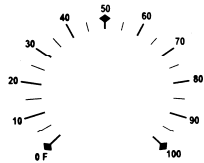
Complies with ANSI Standard B40.1974; 2% accuracy at span between 24% and 75% of scale, 3% accuracy at end ranges

Supplied with U-clamp assembly and snap ring for flush mounting in enclosures



Comments	Mounting	Connection	Dial Size	Input Signal	Dynacon Part No.	Price Each Any Quantity
with blank dial face (order dial overlay separately)	flush (supplied with U-clamp & snap ring)	1/4" barb center back	3-1/2" (90 mm)	3 to 15 psi (21-103 kPa)	GR-6512	21.00

Dial Overlays for GR-6512 Receiver Gauge



	Dynacon Part No.	Price Each	
		1 - 5	6 - Up
0 to 50 psi	HDO-2201	2.30	2.10
1 to 100 psi	HDO-2202	2.30	2.10
0 to 300 psi	HDO-2004	2.30	2.10
200 to 2000 fpm	HDO-2210	2.30	2.10
300 to 3000 fpm	HDO-2211	2.30	2.10
400 to 4000 fpm	HDO-2212	2.30	2.10
550 to 5500 fpm	HDO-2213	2.30	2.10
0 to 0.5' wd	HDO-2220	2.30	2.10
0 to 1.0" wc	HDO-2221	2.30	2.10
0 to 2.0" wc	HDO-2222	2.30	2.10
0 to 4.0" wc	HDO-2223	2.30	2.10
-0.5 to +0.5" wc	HDO-2224	2.30	2.10
1°F to 100°F	HDO-2233	2.30	2.10
50°F to 150°F	HDO-2234	2.30	2.10
50°F to 100°F	HDO-2235	2.30	2.10
40°F to 240°F	HDO-2236	2.30	2.10
-40°F to 160°F	HDO-2237	2.30	2.10

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DYNACON INC

Product Catalog and Price List

VALVES SECTION

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ZONE CONTROL VALVES	2-Way, 3-Way; 1/2" to 3/4"	V2
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PARTS & ACCESSORIES		V8

Electric Zone Control Valves

VEP11, 12 Series Zone Control Valves

2-Way; FPT Inlet, Union MPT Outlet

Inherently Fail Safe

*For control of hot or chilled water in VAV terminal units,
fan coils, and induction units*

*PTC thermal element actuator with 180 seconds stroke timing
for SPST on/off control or modulation with a repetitive pulse width*



Inherent Fail Safe Position	ΔP Close-Off	Actuator Voltage	Valve Action	Cv	NPT Size	Dynacon Part No.	Price Each Any Quantity
open	130 psi	24 VAC	2-way, normally open	1.6	1/2"	VEP11-140186	refer to
open	70 psi	24 VAC	2-way, normally open	2.0	1/2"	VEP11-150186	Valve Price List
open	38 psi	24 VAC	2-way, normally open	2.6	1/2"	VEP11-160186	(Excel file)
open	50 psi	24 VAC	2-way, normally open	2.95	3/4"	VEP11-170186	available at
open	13 psi	24 VAC	2-way, normally open	4.25	3/4"	VEP11-180186	DOWNLOADS
open	16 psi	24 VAC	2-way, normally open	5.0	1"	VEP11-220186	on website
closed	130 psi	24 VAC	2-way, normally closed	1.6	1/2"	VEP12-140186	refer to
closed	70 psi	24 VAC	2-way, normally closed	2.0	1/2"	VEP12-150186	Valve Price List
closed	38 psi	24 VAC	2-way, normally closed	2.6	1/2"	VEP12-160186	(Excel file)
closed	50 psi	24 VAC	2-way, normally closed	2.95	3/4"	VEP12-170186	available at
closed	13 psi	24 VAC	2-way, normally closed	4.25	3/4"	VEP12-180186	DOWNLOADS
closed	16 psi	24 VAC	2-way, normally closed	5.0	1"	VEP12-220186	on website

VEP15, 25 Series Electric Zone Control Valves

2-Way; FPT Inlet, Union NPT Outlet

Tri-state, 2-10 VDC, 10-2 VDC Control Input



Power Consumption:

Tri-state model: 0.7 VA

VDC models: 1.5 VA

Stroke Timing:

Tri-state model: 140 sec

VDC models: 50 sec

FPT Inlet, Union MPT Outlet

ΔP Close-Off	Actuator Input	Cv	NPT Size	Dynacon Part No.	Price Each Any Quantity
145 psi	10-2 VDC	1.6	1/2"	VEP◆5-140194	refer to
145 psi	2-10 VDC	1.6	1/2"	VEP◆5-140195	Valve Price List
145 psi	tri-state	1.6	1/2"	VEP◆5-140196	(Excel file)
105 psi	10-2 VDC	2.0	1/2"	VEP◆5-150194	available at
105 psi	2-10 VDC	2.0	1/2"	VEP◆5-150195	DOWNLOADS
105 psi	tri-state	2.0	1/2"	VEP◆5-150196	on website
57 psi	10-2 VDC	2.6	1/2"	VEP◆5-160194	refer to
57 psi	2-10 VDC	2.6	1/2"	VEP◆5-160195	Valve Price List
57 psi	tri-state	2.6	1/2"	VEP◆5-160196	(Excel file)
76 psi	10-2 VDC	2.95	3/4"	VEP◆5-170194	available at
76 psi	2-10 VDC	2.95	3/4"	VEP◆5-170195	DOWNLOADS
76 psi	tri-state	2.95	3/4"	VEP◆5-170196	on website
20 psi	10-2 VDC	4.25	3/4"	VEP◆5-180194	refer to
20 psi	2-10 VDC	4.25	3/4"	VEP◆5-180195	Valve Price List
20 psi	tri-state	4.25	3/4"	VEP◆5-180196	(Excel file)
24 psi	10-2 VDC	5.0	1"	VEP◆5-220194	available at
24 psi	2-10 VDC	5.0	1"	VEP◆5-220195	DOWNLOADS
24 psi	tri-state	5.0	1"	VEP◆5-220196	on website

◆ insert "1" for straight-through body; insert "2" for right angle body

To view data sheets or purchase online, go to www.dynacononline.com

Pneumatic Zone Control Valves

VCP11, 21 Series Zone Control Valves

2-Way; FPT Inlet, Union MPT Outlet

For control of hot or chilled water

Ideal for use with exposed fin tube convectors
or cast iron radiators



Maximum Close-Off Rating (psig)				Valve Action	Spring Range	Cv	NPT Size	Dynacon Part No.	Price Each Any Quantity
8-13 psi Spring		3-8 psi Spring							
15 psi ¹	20 psi ¹	15 psi ¹	20 psi ¹						
40.8	142	142	244	normally open	3-8 psi	1.6	1/2"	VCP◆1-140141	refer to <i>Valve Price List</i> (Excel file) available at DOWNLOADS on website
40.8	142	142	244	normally open	8-13 psi	1.6	1/2"	VCP◆1-140142	
40.8	142	142	244	normally open	3-8 psi	2.0	1/2"	VCP◆1-150141	
40.8	142	142	244	normally open	8-13 psi	2.0	1/2"	VCP◆1-150142	
22.5	78.7	78.7	135	normally open	3-8 psi	2.6	1/2"	VCP◆1-160141	
22.5	78.7	78.7	135	normally open	8-13 psi	2.6	1/2"	VCP◆1-160142	
30.3	106	106	181	normally open	3-8 psi	2.9	3/4"	VCP◆1-170141	
30.3	106	106	181	normally open	8-13 psi	2.9	3/4"	VCP◆1-170142	
7.6	26.6	26.6	45.6	normally open	3-8 psi	4.7	3/4"	VCP◆1-180141	
7.6	26.6	26.6	45.6	normally open	8-13 psi	4.7	3/4"	VCP◆1-180142	

¹ pressure applied to actuator

◆ insert "1" for straight-through valve; insert "2" for right angle valve

VCP61, 62, 63 Series Zone Control Valves

2-Way & 3-Way; 1/2" Compression Connections

For control of hot or chilled water

Supplied with 1/2" male with compression nut
and ferrule for 0.63" (16 mm) OD copper pipe



Close-Off Rating (psig)			Valve Type	Spring Range	Cv	NPT Size	Dynacon Part No.	Price Each Any Quantity	
15 psi ¹	20 psi ¹	0 psi ¹							
155	250	---	2-way, normally open	3-8 psi	0.7	1/2"	VCP61-260221	refer to <i>Valve Price List</i> (Excel file) available at DOWNLOADS on website	
44.4	155	---	2-way, normally open	8-13 psi	0.7	1/2"	VCP61-260222		
155	250	---	2-way, normally open	3-8 psi	1.1	1/2"	VCP61-270221		
44.4	155	---	2-way, normally open	8-13 psi	1.1	1/2"	VCP61-270222		
155	250	---	2-way, normally open	3-8 psi	1.8	1/2"	VCP61-280221		
44.4	155	---	2-way, normally open	8-13 psi	1.8	1/2"	VCP61-280222		
---	---	66.6	2-way, normally closed	3-8 psi	0.7	1/2"	VCP62-260221		refer to <i>Valve Price List</i> (Excel file) available at DOWNLOADS on website
---	---	177	2-way, normally open	8-13 psi	0.7	1/2"	VCP62-260222		
---	---	66.6	2-way, normally open	3-8 psi	1.1	1/2"	VCP62-270221		
---	---	177	2-way, normally open	8-13 psi	1.1	1/2"	VCP62-270222		
---	---	66.6	2-way, normally open	3-8 psi	1.8	1/2"	VCP62-280221		
---	---	177	2-way, normally open	8-13 psi	1.8	1/2"	VCP62-280222		
155	250	66.6	3-way mixing	3-8 psi	1.8	1/2"	VCP63-280221	refer to <i>Valve Price List</i> (Excel file) available at DOWNLOADS on website	
44.4	155	177	3-way mixing	8-13 psi	1.8	1/2"	VCP63-280222		
155	250	66.6	3-way mixing	3-8 psi	2.3	1/2"	VCP63-290221		
44.4	155	177	3-way mixing	8-13 psi	2.3	1/2"	VCP63-290222		
155	250	66.6	3-way mixing	3-8 psi	2.9	1/2"	VCP63-300221		
44.4	155	177	3-way mixing	8-13 psi	2.9	1/2"	VCP63-300222		

¹ pressure applied to actuator

To view data sheets or purchase online, go to www.dynacononline.com

Electronic Ball Valves

VEP-45 Series 2-Way Electronic Ball Valves

1/2" to 3" NPT

For control of hot or chilled water.
Cv ratings similar to globe valves.



VEP - 45 X X -

SIZE (NPT) / Cv

A1 = 1/2" / 0.38 Cv	D1 = 1-1/4" / 14.9 Cv
A2 = 1/2" / 0.68 Cv	D2 = 1-1/4" / 41.1 Cv
A3 = 1/2" / 1.3 Cv	D3 = 1-1/4" / 36.5 Cv
A4 = 1/2" / 2.6 Cv	E1 = 1-1/2" / 22.8 Cv
A5 = 1/2" / 4.7 Cv	E2 = 1-1/2" / 73.9 Cv
A6 = 1/2" / 11.7 Cv	E3 = 1-1/2" / 41.3 Cv
B1 = 3/4" / 2.5 Cv	F1 = 2" / 41.7 Cv
B2 = 3/4" / 4.3 Cv	F2 = 2" / 108.0 Cv
B3 = 3/4" / 14.7 Cv	F3 = 2" / 71.1 Cv
B4 = 3/4" / 10.1 Cv	G3 = 2-1/2" / 55.0 Cv
C1 = 1" / 9.0 Cv	G4 = 2-1/2" / 72.0 Cv
C2 = 1" / 28.4 Cv	G5 = 2-1/2" / 101.0 Cv
C3 = 1" / 15.3 Cv	H3 = 3" / 82.0 Cv
	H4 = 3" / 124.0 Cv

X

STEM / BALL

XXX

ACTUATOR

745 = MEP-4002, 0-10 VDC
756 = MEP-4013, Tri-state
895 = MEP-5372, 2-10 VDC Fail Safe
906 = MEP-5374, Tri-state Fail Safe
915 = MEP-5062, 2-10 VDC
926 = MEP-5065, Tri-state

B = Brass Stem / Nickel Plated Brass Ball
S = Stainless Steel Stem and Ball

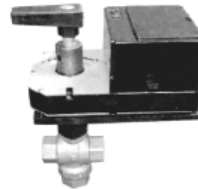
NOT ALL COMBINATIONS OF Cv, STEM/BALL & ACTUATOR
ARE AVAILABLE. VERIFY AVAILABILITY OF SELECTED
PART NUMBER FROM VALVE PRICE LIST AT DOWNLOADS
ON WEBSITE

PRICING: SELECT DESIRED PART NUMBER AND CONSULT VALVE PRICE LIST AT *DOWNLOADS* ON WEBSITE

VEP-43 Series 3-Way Electronic Ball Valves

1/2" to 2-1/2" NPT

For mixing or diverting applications.
Cv ratings similar to globe valves.



VEP - 43 X X -

SIZE (NPT) / Cv

AB = 1/2" / 0.6 Cv	CH = 1" / 22.3 Cv
AC = 1/2" / 1.0 Cv	DC = 1-1/4" / 12.7 Cv
AD = 1/2" / 2.4 Cv	DF = 1-1/4" / 34.1 Cv
AE = 1/2" / 4.3 Cv	EE = 1-1/2" / 23.5 Cv
AF = 1/2" / 8.0 Cv	EF = 1-1/2" / 61.1 Cv
BD = 3/4" / 2.4 Cv	FC = 2" / 38.2 Cv
BE = 3/4" / 3.8 Cv	FD = 2" / 108.5 Cv
BF = 3/4" / 11.0 Cv	GC = 2-1/2" / 74.1 Cv
CG = 1" / 8.6 Cv	GB = 2-1/2" / 99.5 Cv

X

STEM / BALL

XXX

ACTUATOR

745 = MEP-4002, 0-10 VDC
756 = MEP-4013, Tri-state
895 = MEP-5372, 2-10 VDC Fail Safe
906 = MEP-5374, Tri-state Fail Safe
915 = MEP-5062, 2-10 VDC
926 = MEP-5065, Tri-state

B = Brass Stem / Nickel Plated Brass Ball
S = Stainless Steel Stem and Ball

NOT ALL COMBINATIONS OF Cv, STEM/BALL & ACTUATOR ARE AVAILABLE. VERIFY AVAILABILITY
OF SELECTED PART NUMBER FROM VALVE PRICE LIST AT DOWNLOADS ON WEBSITE

PRICING: SELECT DESIRED PART NUMBER AND CONSULT VALVE PRICE LIST AT *DOWNLOADS* ON WEBSITE

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Screwed Globe Valves

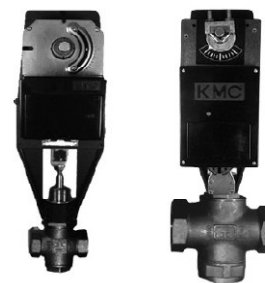
Electronic Screwed Valves

1/2" to 2"; 2-Way and 3-Way; Female NPT Connections

2-10 VDC or Tristate; Fail Safe Option

VEP-4530 Series 2- Way Valves: for control of hot water, chilled water, or steam; valves have equal percentage flow characteristics

VEP-4330 Series 3- Way Mixing Valves: for control of hot water or chilled water; valves have linear flow characteristics



Valve Type	Body Rating	Steam Rating	Actuator Input	Cv	Size	Dynacon Part No.	Price Each Any Quantity
2-way	250 psi	15.3 psig	2-10 VDC; Tristate ²	4.6	1/2"	VEP-4531-xxxx ¹	refer to
2-way	250 psi	15.3 psig	2-10 VDC; Tristate ²	6.9	3/4"	VEP-4532-xxxx ¹	Valve Price List
2-way	250 psi	15.3 psig	2-10 VDC; Tristate ²	11.6	1"	VEP-4533-xxxx ¹	(Excel file)
2-way	250 psi	15.3 psig	2-10 VDC; Tristate ²	18.5	1-1/4"	VEP-4534-xxxx ¹	available at
2-way	250 psi	15.3 psig	2-10 VDC; Tristate ²	29	1-1/2"	VEP-4535-xxxx ¹	DOWNLOADS
2-way	250 psi	15.3 psig	2-10 VDC; Tristate ²	46.4	2"	VEP-4536-xxxx ¹	on website
3-way mixing	250 psi	---	2-10 VDC; Tristate ²	4.6	1/2"	VEP-4331-xxxx ¹	refer to
3-way mixing	250 psi	---	2-10 VDC; Tristate ²	6.9	3/4"	VEP-4332-xxxx ¹	Valve Price List
3-way mixing	250 psi	---	2-10 VDC; Tristate ²	11.6	1"	VEP-4333-xxxx ¹	(Excel file)
3-way mixing	250 psi	---	2-10 VDC; Tristate ²	18.5	1-1/4"	VEP-4334-xxxx ¹	available at
3-way mixing	250 psi	---	2-10 VDC; Tristate ²	29	1-1/2"	VEP-4335-xxxx ¹	DOWNLOADS
3-way mixing	250 psi	---	2-10 VDC; Tristate ²	46.4	2"	VEP-4336-xxxx ¹	on website

¹ download data sheet from website to select valve characteristics required to complete part number

² depending upon actuator chosen, input may be 2-10 VDC, tristate, 2-10 VDC fail safe, or tristate fail safe

Pneumatic Screwed Valves

1/2" to 2"; 2-Way and 3-Way; Female NPT Connections

VCP-4130/4230 Series 2- Way Valves: for control of hot water, chilled water, or steam; valves have equal percentage flow characteristics

VCP-4330 Series 3- Way Mixing Valves: for control of hot water or chilled water; valves have linear flow characteristics



Valve Type	Body Rating	Steam Rating	Actuator	Cv	Size	Dynacon Part No.	Price Each Any Quantity
2-way.	250 psi	15.3 psig	available with	4.6	1/2"	VCP-4♦31-xxxx ¹	refer to
2-way.	250 psi	15.3 psig	small (11.4") or	6.9	3/4"	VCP-4♦32-xxxx ¹	Valve Price List
2-way.	250 psi	15.3 psig	large (43.4" top and	11.6	1"	VCP-4♦33-xxxx ¹	(Excel file)
2-way.	250 psi	15.3 psig	spring ranges of	18.5	1-1/4"	VCP-4♦34-xxxx ¹	available at
2-way.	250 psi	15.3 psig	3-8#, 8-13#, 3-13#	29	1-1/2"	VCP-4♦35-xxxx ¹	DOWNLOADS
2-way.	250 psi	15.3 psig	or with positioner	46.4	2"	VCP-4♦36-xxxx ¹	on website
3-way mixing	250 psi	---	available with	4.6	1/2"	VCP-4331-xxxx ¹	refer to
3-way mixing	250 psi	---	small (11.4") or	6.9	3/4"	VCP-4332-xxxx ¹	Valve Price List
3-way mixing	250 psi	---	large (43.4" top and	11.6	1"	VCP-4333-xxxx ¹	(Excel file)
3-way mixing	250 psi	---	spring ranges of	18.5	1-1/4"	VCP-4334-xxxx ¹	available at
3-way mixing	250 psi	---	3-8#, 8-13#, 3-13#	29	1-1/2"	VCP-4335-xxxx ¹	DOWNLOADS
3-way mixing	250 psi	---	or with positioner	46.4	2"	VCP-4336-xxxx ¹	on website

♦ for normally open insert "1" in part number; for normally closed, insert "2"

¹ download data sheet from website to select valve characteristics required to complete part number

To view data sheets or purchase online, go to www.dynacononline.com

Electronic Flanged Valves

Electronic Flanged Valves

1/2" to 2"; 2-Way and 3-Way

2-10 VDC or Tristate; Fail Safe Option

VEP-555/587 Series 2- Way Valves: for control of hot water, chilled water, or steam; valves have equal percentage flow characteristics

VEP-536/545 Series 3- Way Valves: for control of hot water or chilled water; valves have linear flow characteristics

Available with flange ratings of 125# with bronze trim or stainless steel trim, or 250# with stainless steel trim



Close-Off Ratings (psig)		Actuator Input	Cv Rating		Size	Dynacon Part No.	Price Each Any Quantity
Single-Seated ¹	Double-Seated ²		Single Seated	Double- Seated			
2-Way Valves							
39.5 to 97	593	2-10 VDC; Tristate ⁴	65	70	2-1/2"	VEP-5◆0-xxxx ³	refer to
25 to 65	469	2-10 VDC; Tristate ⁴	90	100	3"	VEP-5◆1-xxxx ³	Valve Price List
18 to 46	307	2-10 VDC; Tristate ⁴	170	200	4"	VEP-5◆2-xxxx ³	available at
10 to 28	336	2-10 VDC; Tristate ⁴	255	260	5"	VEP-5◆6-xxxx ³	DOWNLOADS
18	263	2-10 VDC; Tristate ⁴	335	350	6"	VEP-5◆7-xxxx ³	on website
3-Way Mixing							
39.5 to 97		2-10 VDC; Tristate ⁴	68		2-1/2"	VEP-5362-xxxx ³	refer to
25 to 65		2-10 VDC; Tristate ⁴	91		3"	VEP-5363-xxxx ³	Valve Price List
18 to 46		2-10 VDC; Tristate ⁴	190		4"	VEP-5364-xxxx ³	available at
28		2-10 VDC; Tristate ⁴	280		5"	VEP-5365-xxxx ³	DOWNLOADS
18		2-10 VDC; Tristate ⁴	340		6"	VEP-5366-xxxx ³	on website
3-Way Diverting							
293 ²		2-10 VDC; Tristate ⁴	68/75		2-1/2"	VEP-5453-xxxx ³	refer to
267 ²		2-10 VDC; Tristate ⁴	85/95		3"	VEP-5454-xxxx ³	Valve Price List
221 ²		2-10 VDC; Tristate ⁴	154/165		4"	VEP-5455-xxxx ³	available at
197 ²		2-10 VDC; Tristate ⁴	195/220		5"	VEP-5458-xxxx ³	DOWNLOADS
111		2-10 VDC; Tristate ⁴	248/275		6"	VEP-5459-xxxx ³	on website

◆ insert "55" for double-seated valve; insert "87" for single seated valve

¹ dependent on quantity of actuators coupled to valve body (see data sheet)

² not to exceed body rating at temperature of medium (see data sheet)

³ download data sheet from website to select valve characteristics required to complete part number

⁴ depending upon actuators chosen, input may be 2-10 VDC, tristate, 2-10 VDC fail safe, or tristate fail safe

Pneumatic Flanged Valves

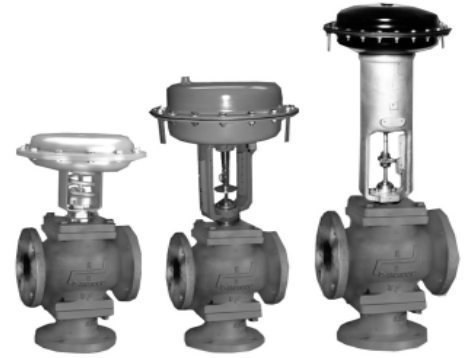
Pneumatic Flanged Valves

1/2" to 2"; 2-Way and 3-Way

VCP-515/517/525/527 series 2- Way Valves: for control of hot or chilled water or steam; valves have equal percentage flow characteristics

VCP-536/545 Series 3- Way Valves: for control of hot water or chilled water; valves have linear flow characteristics

Available with flange ratings of 125# with bronze trim or stainless steel trim, or 250# with stainless steel trim



Close-Off Rating	Valve Type	Actuator	Cv Rating		Size	Dynacon Part No.	Price Each Any Quantity
			Single Seated	Double-Seated			
dependent on actuator size and spring range	2-way, NO or NC	available with 43.4 in ² or 84 in ² actuator and multiple spring ranges or positioner	65	70	2-1/2"	VCP-5◆□0-xxxx ¹	refer to
			90	100	3"	VCP-5◆□1-xxxx ¹	Valve Price List
			170	200	4"	VCP-5◆□2-xxxx ¹	available at
			280	260	5"	VCP-5◆□3-xxxx ¹	DOWNLOADS
			360	350	6"	VCP-5◆□4-xxxx ¹	on website
dependent on actuator size and spring range	3-way mixing	available with 43.4 in ² , 84 in ² , or 115 in ² actuator and multiple spring ranges or positioner	68 to 75		2-1/2"	VCP-5362-xxxx ¹	refer to
			91 to 105		3"	VCP-5363-xxxx ¹	Valve Price List
			190		4"	VCP-5364-xxxx ¹	available at
			280		5"	VCP-5365-xxxx ¹	DOWNLOADS
			340		6"	VCP-5366-xxxx ¹	on website
dependent on actuator size and spring range	3-way diverting	available with 43.4 in ² , 84 in ² , or 115 in ² actuator and multiple spring ranges or positioner	68/75		2-1/2"	VCP-5453-xxxx ¹	refer to
			85/95		3"	VCP-5454-xxxx ¹	Valve Price List
			154/165		4"	VCP-5455-xxxx ¹	available at
			195/220		5"	VCP-5458-xxxx ¹	DOWNLOADS
			270/300		6"	VCP-5459-xxxx ¹	on website

◆ insert "1" for normally valve; insert "2" for normally closed valve

□ insert "5" for double-seated valve; insert "7" for single seated valve

¹ download data sheet from website to select valve characteristics required to complete part number

Electronic Butterfly Valves

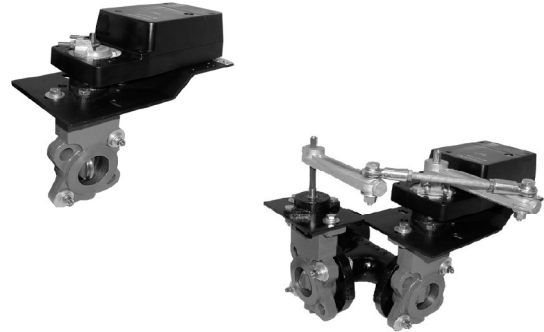
2" to 12"; 2-Way, 3-Way

2-10 VDC or Tristate; Fail Safe Option

For high capacity control of low-pressure hot water, chilled water, or steam

Metal seat valves for use where 1%-3% leakage is acceptable; Rubber-lined seat valves provide bubble-tight shut-off

3-way valves suited for mixing or diverting applications



Maximum ΔP		Actuator Input	Press Drop @ 90°		Cv at 90%		Size	Dynacon Part No.	Price Each Any Quantity
Water	Steam		Metal Seat	Rubber-Lined Seat	Metal Seat	Rubber-Lined Seat			
50 psi	35 psi	2-10 VDC; Tristate ²	1.4 psi	0.76 psi	90	120	2"	VEP-5◆□-xxxx ¹	refer to Valve Price List (Excel file) available at DOWNLOADS on website
50 psi	35 psi	2-10 VDC; Tristate ²	0.6 psi	0.59 psi	194	194	2-1/2"	VEP-5◆□-xxxx ¹	
50 psi	35 psi	2-10 VDC; Tristate ²	0.4 psi	0.29 psi	370	430	3"	VEP-5◆□-xxxx ¹	
50 psi	35 psi	2-10 VDC; Tristate ²	0.3 psi	0.23 psi	747	830	4"	VEP-5◆□-xxxx ¹	
50 psi	35 psi	2-10 VDC; Tristate ²	0.25 psi	0.17 psi	1272	1500	5"	VEP-5◆□-xxxx ¹	
50 psi	35 psi	2-10 VDC; Tristate ²	0.25 psi	0.21 psi	1999	1980	6"	VEP-5◆□-xxxx ¹	
50 psi	35 psi	2-10 VDC; Tristate ²	0.25 psi	0.15 psi	3853	3870	8"	VEP-5◆□-xxxx ¹	
50 psi	35 psi	2-10 VDC; Tristate ²	0.25 psi	0.15 psi	6361	6540	10"	VEP-5◆□-xxxx ¹	
50 psi	35 psi	2-10 VDC; Tristate ²	0.2 psi	0.15 psi	9164	9800	12"	VEP-5◆□-xxxx ¹	

◆ insert "5" for 2-way valve; insert "6" for 3-way valve
□ insert "8" for metal seat or "9" for rubber-lined seat

¹ download data sheet from website to select valve characteristics required to complete part number

² depending upon actuators chosen, input may be 2-10 VDC, tristate, 2-10 VDC fail safe, or tristate fail safe

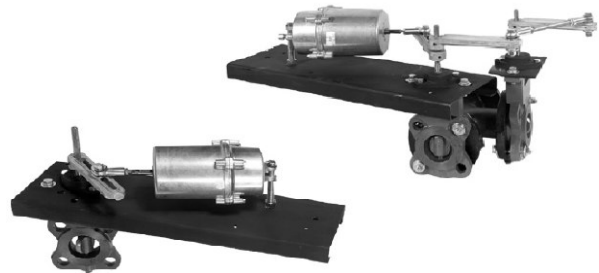
Pneumatic Butterfly Valves

2" to 12"; 2-Way, 3-Way

For high capacity control of low-pressure hot water, chilled water, or steam

Metal seat valves for use where 1%-3% leakage is acceptable; Rubber-lined seat valves provide bubble-tight shut-off

3-way valves suited for mixing or diverting applications



Maximum ΔP		Actuator	Press Drop @ 60°		Cv at 60%		Size	Dynacon Part No.	Price Each Any Quantity
Water	Steam		Metal Seat	Rubber-Lined Seat	Metal Seat	Rubber-Lined Seat			
50 psi	35 psi	Combinations of 4" and 6" plastic body or metal body actuators with and without positioner depending upon valve size and configuration selected	3.8 psi	2.8 psi	49	63	2"	VCP-5◆□-xxxx ¹	refer to Valve Price List (Excel file) available at DOWNLOADS on website
50 psi	35 psi		2.5 psi	3.7 psi	84	78	2-1/2"	VCP-5◆□-xxxx ¹	
50 psi	35 psi		2.2 psi	3.0 psi	132	133	3"	VCP-5◆□-xxxx ¹	
50 psi	35 psi		2.1 psi	2.2 psi	257	270	4"	VCP-5◆□-xxxx ¹	
50 psi	35 psi		2.1 psi	1.4 psi	429	525	5"	VCP-5◆□-xxxx ¹	
50 psi	35 psi		2.0 psi	1.2 psi	632	820	6"	VCP-5◆□-xxxx ¹	
50 psi	35 psi		1.9 psi	1.3 psi	1125	1320	8"	VCP-5◆□-xxxx ¹	
50 psi	35 psi		2.0 psi	1.3 psi	1759	1900	10"	VCP-5◆□-xxxx ¹	
50 psi	35 psi		1.9 psi	1.3 psi	2533	2850	12"	VCP-5◆□-xxxx ¹	

◆ insert "5" for 2-way valve; insert "6" for 3-way valve
□ insert "8" for metal seat or "9" for rubber-lined seat

¹ download data sheet from website to select valve characteristics required to complete part number

Parts & Accessories for Electric Valves

Description	Dynacon Part No.	Price Each	
		1 - 5	6 - Up
Replacement Actuators			
24 VAC, NC actuator for VEP-15, VEP-25, VEP-34	MEP-3001	72.90	66.30
24 VAC, NO actuator for VEP-15, VEP-25, VEP-34	MEP-3006	72.90	66.30
tri-state actuator for VEP-15, VEP-25, VEP-34	MEP-3010	163.40	148.50
2-10 VDC, NC actuator for VEP-15, VEP-25, VEP-34	MEP-3011	197.60	179.60
10-2 VDC, NO actuator for VEP-15, VEP-25, VEP-34	MEP-3016	197.60	179.60
Replacement Bonnet Assemblies			
1/2" bonnet assembly for 2.0 CV VEP-11, 12, 21, 22	HPO-5030	16.80	15.30
1/2" bonnet assembly for 2.6 CV VEP-11, 12, 21, 22	HPO-5031	16.80	15.30
3/4" bonnet assembly for 2.95 CV VEP-11, 12, 21, 22	HPO-5032	24.90	22.60
3/4" bonnet assembly for 4.25 CV VEP-11, 12, 21, 22	HPO-5033	24.90	22.60
1/2" bonnet assembly for 1.6 CV VEP-11, 12, 21, 22	HPO-5035	16.80	15.30
Replacement Discs			
1/2" disc for 2.0 CV VEP-11, 12, 21, 22	HPO-5065	3.10	2.80
1/2" disc for 2.6 CV VEP-11, 12, 21, 22	HPO-5066	3.10	2.80
3/4" disc for 2.95 CV VEP-11, 12, 21, 22	HPO-5067	4.00	3.60
3/4" disc for 4.25 CV VEP-11, 12, 21, 22	HPO-5068	4.00	3.60
Replacement Packing Kits			
packing kit for VEP-43, 45	HPO-5013	3.90	3.50

Parts & Accessories for Pneumatic Valves

Description	Dynacon Part No.	Price Each	
		1 - 5	6 - Up
Positioners and Positioner Accessories			
replacement positioner (positioner only; no hardware) for VCP-41, 42, 43	CME-1002	16.90	15.40
stud to attach CMC-1002 positioner to 11.4 sq in actuator on VCP-41, 42, 43	062-500-01	4.00	3.60
CMC-1002 positioner with all parts to add positioner to 43.4 sq in VCP-41, 42, 43	HPO-5016	189.10	171.90
Replacement Packing Kits			
packing kit for VCP-41, 42, 43	HPO-5013	3.90	3.50
packing kit for VCP-61, 62, 63	HPO-5014	7.50	6.80
Replacement Bonnet Assemblies (includes stem, plug, packing, bonnet and disc)			
1/2" bonnet assembly for 2.0 CV VCP-11, 21	HPO-5030	16.80	15.30
1/2" bonnet assembly for 2.6 CV VCP-11, 21	HPO-5031	16.80	15.30
3/4" bonnet assembly for 2.9 CV VCP-11, 21	HPO-5032	24.90	22.60
3/4" bonnet assembly for 4.7 CV VCP-11, 21, 3420	HPO-5033	24.90	22.60
Replacement Diaphragms			
11.4 sq in silicone diaphragm for VCP-41, 42, 43	HPO-5111	73.80	67.10
diaphragm for VCP-11, 21, VCP-3420	HPO-5114	4.30	3.90
valve top & diaphragm for 2.3 Cv, 3-8# VCP-61, 62, 63	HPO-5134	69.00	62.70
valve top & diaphragm for 2.3 Cv, 8-13# VCP-61, 62, 63	HPO-5135	69.00	62.70
valve top & diaphragm for other Cv, 3-8# VCP-61, 62, 63	HPO-5131	69.00	62.70
valve top & diaphragm for other Cv, 8-13# VCP-61, 62, 63	HPO-5132	69.00	62.70

To view data sheets or purchase online, go to www.dynacononline.com