

SECONDARY REFRIGERATION INLINE COMPONENTS PRICE LIST

Version : SLP-07-V1



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EPS Limited Price List June - 2007

Carriage Charges

Minimum Order Charge £25.00

Carriage paid on orders over £ 5,000.00 net Mainland UK and Scotland (**excluding Highlands & Islands**). All other deliveries subject to following scale charges **per carton** (30 kg max.)

Postal Deliveries	£ 8.00 / Item
2/3 days	£ 15.00 / carton
Next day	£ 25.00 / carton
Next day (before 10:30 am)	£ 35.00 / carton

Overseas shipments are subject to additional packaging, handling, documentation and delivery charges. Consult with our sales team.

For technical details contact our sales team on **+44-(0)-1733 243400**, alternatively visit our web page **www.epsltd.co.uk**

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MANUAL ISOLATING VALVES

88ES, Full Bore Extended Spindle Ball Valve - Down to -10 °C Applications



88ES		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	DN	4	6	10	15	20	25	32	40	50
Lever	£				14.89	17.34	21.71	31.00	40.41	59.20
T-Handle	£									

Note: 1/4" & 3/8" with Standard Spindle

216F, Full Bore 2 Piece Carbon Steel Ball Valve - Down to -10 °C Applications



216FCS		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"
	DN	15	20	25	32	40	50	65	800	100	125	150	200	250
Lever	£	126.83	151.14	190.26	256.26	297.07	399.54	569.82	693.15	900.75	1782.40	2396.50	4288.90	7040.00
T-Handle	£													

202, Stainless Steel Full Bore 2 Piece Ball Valve - Down to -40 °C Applications



202 SS		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
	DN	4	6	10	15	20	25	32	40	50	65	800
Lever	£		36.89	36.89	44.75	57.20	71.50	97.79	125.47	182.20	401.32	558.16
T-Handle	£		36.89	36.89	44.75	57.20	71.50					

301, Full Bore 3 Piece Stainless Steel Ball Valve - Down to -40 °C Applications



301SS		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
	DN	4	6	10	15	20	25	32	40	50	65	800	100
Lever	£		156.51	156.51	203.42	248.44	299.27	428.36	563.27	839.13	1662.62	2347.27	4035.27
T-Handle	£												

216FSS, Full Bore 2 Piece Flanged Ball Valve - Down to -40 °C Applications



216FSS		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"
	DN	15	20	25	32	40	50	65	800	100	125	150	200	250
Lever	£	134.93	160.78	202.40	272.60	316.03	425.06	606.19	737.40	958.23	1896.18	2549.47	5221.02	8509.20
T-Handle	£													

200 HT, Butterfly Valve - Down to -10 °C Applications



CP 200 HT		1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
	DN	40	50	65	800	100	125	150	200	250	300
Lever Operator	£	80.23	88.70	94.58	102.56	131.87	174.48	206.45	297.02	456.87	
Gear Operator	£	161.48	169.95	175.82	183.81	213.40	257.40	288.20	426.80	587.40	847.00

200 LT, Butterfly Valve - Down to -40 °C Applications



CP 200 LT		1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
	DN	40	50	65	800	100	125	150	200	250	300
Lever Operator	£	176.00	180.40	209.00	231.00	310.20	369.60	508.20	717.20		
Gear Operator	£	253.00	257.40	283.80	305.80	387.20	444.40	583.00	831.60	1,205.60	1,817.20

34 LT, 3-way Stainless Steel Ball Valve - Down to -40 °C Applications



34SS		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"
	DN	4	6	10	15	20	25	32	40	50	65	800	100	125	150	200	250
BSP	£		103.91	108.90	112.20	136.27	174.57	249.52	327.87	502.46							
Flanged	£								1,204.68	1,435.50	2,164.78	2,507.01	3,372.42	5,356.52	6,722.10	#####	#####

STRAINERS

1014, Brass "Y" Strainer - Down to -10 °C Applications



1014		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	DN	4	6	10	15	20	25	32	40	50
BSP	£		6.36	6.60	6.82	8.58	12.30	19.60	26.05	42.22
	£									

11.000, Grey Cast Iron Flanged "Y" Strainer - Down to -10 °C Applications



11.000		1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
	DN	25	32	40	50	65	800	100	125	150
Flanged	£				193.07	277.02	344.19	491.08	738.74	1,049.33
	£									

1013, Stainless Steel "Y" Strainer - Down to -40 °C Applications



1013		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	DN	4	6	10	15	20	25	32	40	50
BSP	£		56.74	58.30	60.72	68.73	89.50	119.02	157.76	238.02
	£									

113F, Stainless Steel Flanged "Y" Strainer - Down to -40 °C Applications



113F		1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
	DN	25	32	40	50	65	800	100	125	150	200
Flanged	£			411.07	526.86	796.40	1,078.84	1,310.10	2,055.04	2,954.03	4,752.04

CHECK VALVES

W6.600, Cast Iron GG25 Wafer Check Valve - Down to -10 °C Applications



W6.600CS		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
	DN	4	6	10	15	20	25	32	40	50	65	800	100
Cast Iron	£				40.57	47.56	57.35	65.76	89.54	97.94	121.73	170.70	260.24
Wafer Type													

D6.000, Cast Iron GG25 Double Plate Check Valve - Down to -10 °C Applications



D6.600CS		1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
	DN	25	32	40	50	65	800	100	125	150	200	250	300
Cast Iron	£			188.89	191.40	206.80	237.60	294.80	426.80	497.20	748.00	1,212.20	1,592.80
Double Plate													

W6.600, Stainless Steel 316 Wafer Check Valve - Down to -40 °C Applications



W6.600SS		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
	DN	4	6	10	15	20	25	32	40	50	65	800	100
Stainless Steel	£				65.76	90.20	99.00	123.20	171.60	244.20	334.40	429.00	745.80
Wafer Type													

D6.600, Stainless Steel 316 Double Plate Check Valve - Down to -40 °C Applications



D6.600SS		4"	5"	6"	8"	10"	12"
	DN	100	125	150	200	250	300
Stainless Steel	£			7,214.55	7,963.64	13,767.27	17,592.73
Double Plate							

ANTI-VIBRATION EQUIPMENT

F8000, Flexible Connection / Expansion Joints - Down to -10⁰ C Applications



F8000		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
BSP	£		52.80	55.00	66.00	77.00	92.40	160.60	213.40						
Flanged	£				92.40	96.80	112.20	129.80	143.00	171.60	222.20	297.00	420.20	640.20	781.00

F8000, Flexible Connection / Expansion Joints - Down to -40⁰ C Applications



M-2001		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
	DN	15	20	25	32	40	50	65	80	100	125	150	200
Screw (NPT)	£	28.85	36.54	38.46	44.23	53.85	69.23	105.77	134.62				
Flanged (ANSI 150#)	£						153.85	171.15	192.31	284.62	403.85	500.00	846.15

AIR SEPARATORS



PRODUCT Model	Size	Max Test Press. Barg	Test Pressure Barg	List Price (£)
CVAD-50	2"	10	21	996.92
CVAD-65	2 1/2"	10	21	1,178.46
CVAD-80	3"	10	21	1,510.77
CVAD-100	4"	10	21	1,603.08
CVAD-125	5"	10	21	2,870.77
CVAD-150	6"	10	21	3,144.62
CVAD-200	8"	10	21	3,987.69
CVAD-250	10"	10	21	5,341.54
CVAD-300	12"	10	21	11,356.92
CVAD-350	14"	10	21	P.O.A
CVAD-400	16"	10	21	P.O.A
CVAD-450	18"	10	21	P.O.A

SECONDARY FLUID TEST KITS



Fluid	Description	(£)	Description	(£)	Description	(£)
Ethylene Glycol Solutions	Hygrometer Test Kit	150.00	Refractometer	350.00	pH Meter	165.00
Propylene Glycol Solutions	Hygrometer Test Kit	150.00	Refractometer	350.00	pH Meter	165.00
Potassium Formate Based Solutions	Hygrometer Test Kit	165.00	Conductivity Meter	425.00	pH Meter	215.00
Potassium Acetate Based Solutions	Hygrometer Test Kit	165.00	Conductivity Meter	465.00	pH Meter	215.00
	Ammonia / Secondary Leak Test Kit	95.00				

LEAK DETECTION



Fluid	Description	(£ / Lt.)	Description	(£ / Lt.)
Ethylene Glycol Solutions	Standard Colour Dye (2)	45.00	Fluorescent Dye	67.50
Propylene Glycol Solutions	Standard Colour Dye (2)	52.50	Fluorescent Dye	78.75
Potassium Formate Based Solutions	Standard Colour Dye (2)	65.00	Fluorescent Dye	97.50
Potassium Acetate Based Solutions	Standard Colour Dye (2)	63.50	Fluorescent Dye	95.25

Notes

- 1) All solutions are diluted with the appropriate solution and requires average 1 Lt per 1000 Lt. System charge.
- 2) EPS Standard colour is BLUE. For other colours please contact us for available colours.

500, Pressure Relief Valve - Down to -40⁰ C Applications



F-500		3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
	DN	10	15	20	25	32	40	50	65	80
Copper Alloy BSP		117.00	135.00	180.00	270.00	360.00	450.00	675.00	900.00	1,080.00
Stainless Steel BSP				612.00	918.00	1,224.00	1,530.00	2,295.00	3,060.00	3,672.00

BALANCING & REGULATING VALVES

AV23, Inline Balancing Valve - Down to -10 °C Applications



AV23-Direct		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Flow Rate (lt/min)	DN	4	6	10	15	20	25	32	40	50
0.3 ~ 1.5					28.75					
0.6 ~ 2.4					28.75					
1.0 ~ 3.5					28.75					
2.0 ~ 8.0					28.75					
4.0 ~ 15.0						54.92				
8.0 ~ 30.0						54.92				

AV23, By-pass Balancing Valve - Down to -10 °C Applications



AV23-Bypass		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Flow Rate (lt/min)	DN	4	6	10	15	20	25	32	40	50
2 ~ 8					201.06					
4 ~ 15						201.28				
8 ~ 30						204.62				
6 ~ 20							211.08			
10 ~ 40							213.23			
20 ~ 70								247.69		
30 ~ 110									366.15	
50 ~ 180										420.00

AV23, Flanged Balancing Valve - Down to -10 °C Applications



AV23-Bypass		2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
Flow Rate (lt/min)	DN	50	65	80	100	125	150	200	250	300
60 ~ 325			598.77							
75 ~ 450				936.92						
100 ~ 650					1475.38					
> 650						POA	POA	POA	POA	POA

MSV Manual Double Regulating Valves Down to -10 °C Applications

Screw connections are complete with measuring point.
Flanged connections require Orifice Plate.



Manual Regulating Valve		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
Model: MSV	DN	15	20	25	32	40	50	65	80	100	125	150
Screw Connection		57.72	62.61	68.43	82.86	120.34	156.41					
Flanged								384.03	620.82	860.59		1,630.74
Orifice Plate								174.46	198.15	239.08		374.77

1016, Stainless Steel "BSP" Globe Valve - Down to -40 °C Applications



1016		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	DN	4	6	10	15	20	25	32	40	50
BSP	£		68.73	70.40	72.60	81.40	103.40	134.20	182.60	248.60
Flanged	£									

106F, Stainless Steel Flanged Globe Valve - Down to -40 °C Applications



106F		1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
	DN	25	32	40	50	65	80	100	125	150	200
BSP	£										
Flanged	£			587.40	684.20	974.60	1,196.80	1,672.00	2,303.40	2,956.80	5,262.40

MOTORISED CONTROL VALVES

2HT, Full Bore Actuated On/Off Ball Valve- Down to -10 °C Applications



Valve Type	Part No	Valve (£)	Insulation Boxes (£)
DN 15	422HT215	209.19	25.07
DN 20	422HT220	214.67	25.63
DN 25	422HT025	224.52	26.19
DN 32	422HT032	239.86	26.75
DN 40	422HT040	251.90	27.31
DN 50	442HT050	568.43	30.24
DN 65	442HT065	695.48	33.17



**55mm Thick
Pre-Moulded Insulation
Boxes
Down to -40 °C Applications**

3HT, Full Bore Actuated On/Off Ball Valve- Down to -10 °C Applications



Valve Type	Part No	Valve (£)	Insulation Boxes (£)
DN 15	423HT315	226.71	25.07
DN 20	423HT320	232.19	25.63
DN 25	423HT025	240.95	26.19
DN 32	423HT032	277.10	26.75
DN 40	423HT040	358.14	27.31
DN 50	423HT050	611.14	34.89
DN65	423HT065	937.52	37.00



2LT, Full Bore Actuated On/Off Ball Valve- Down to -40 °C Applications

Valve Type	Part No	Valve (£)	Insulation Boxes (£)
DN 15	422LT015	319.81	23.54
DN 20	422LT020	326.38	26.37
DN 25	422LT025	354.86	28.43
DN 32	422LT032	376.76	30.86
DN 40	422LT040	433.71	31.51



3LT, Full Bore Actuated On/Off Ball Valve- Down to -40 °C Applications

Valve Type	Part No	Valve (£)	Insulation Boxes (£)
DN 15	423LT015	370.19	23.54
DN 20	423LT020	386.62	26.37
DN 25	423LT025	405.24	28.43
DN 32	423LT032	420.57	30.86
DN 40	423LT040	544.33	31.51

Motorised Ball Valves- Down to -10 °C Applications



(**) - Denotes Tandem Actuator Arrangement.

2-Way ON/OFF	List (£-Ex-works)	2-Way Modulating 0-10V	List (£-Ex-works)
BV15-2-09/DC24-5-T	116.40	BV15-2-09DCM24-4	149.82
BV20-2-22/DC24-5-T	152.70	BV20-2-22/DCM24-4	159.04
BV25-2-30/D24-8	186.70	BV25-2-30/DM24-8	197.07
BV32-2-41/D24-16	237.41	BV32-2-41/DM24-16	216.09
BV40-2-70/D24-25	427.56	BV40-2-70/DM24-25	273.13
BV50-2-91/D24-25	441.39	BV50-2-91/DM24-25	387.23
BV65-2-390/D24-25	503.63	BV65-2-390/DM24-25	530.13
BV80-2-91/D24-25	563.55	BV80-2-91/DM24-25	602.74

3-Way ON/OFF		3-Way Modulating 0-10V	
BV15-3-05/DC24-5-T	119.86	BV15-3-05/DCM24-4	169.41
BV20-3-10/DC24-5-T	124.47	BV20-3-10/DCM24-4	174.02
BV25-3-12/D24-8	150.97	BV25-3-12/DM24-8	182.09
BV32-3-18/D24-16	247.78	BV32-3-18/DM24-16	242.02
BV40-3-26/D24-25	259.30	BV40-3-26/DM24-25	268.52
BV50-3-43/D24-25	328.45	BV50-3-43/DM24-25	344.59

ACTUATED CONTROL VALVES

Spring Return Motorised Ball Valves- Down to -10 °C Applications



(**) - Denotes Tandem Actuator Arrangement.

3-Way ON/OFF	List (£-Ex-works)	3-Way Modulating	List (£-Ex-works)
BV15-3-05/DS24-6	538.78	BV15-3-05/DMS24-6	688.60
BV20-3-10/DS24-6	561.82	BV20-3-10/DMS24-6	723.17
BV25-3-12/DS24-16	590.64	BV25-3-12/DMS24-16	816.81
BV32-3-18/DS24-16	677.07	BV32-3-18/DMS24-16	867.23
BV40-3-26/DS24-16**	1,109.24	BV40-3-26/DMS24-16**	1,443.46
BV50-3-43/DS24-16**	1,210.08	BV50-3-43/DMS24-16**	1,541.42

2-Way ON/OFF	List (£-Ex-works)	2-Way Modulating	List (£-Ex-works)
BV15-2-09/DS24-6	530.13	BV15-2-09/DMS24-6	345.74
BV20-2-22/DS24-6	564.71	BV20-2-22/DMS24-6	492.68
BV25-2-30/DS24-16	596.40	BV25-2-30/DMS24-16	711.64
BV32-2-41/DS24-16	662.67	BV32-2-41/DMS24-16	798.08
BV40-2-70/DS24-16**	1,172.63	BV40-2-70/DMS24-16**	1,368.55
BV50-2-91/DS24-16**	1,217.29	BV50-2-91/DMS24-16**	1,437.70

Motorised Ball Valves- Down to -40 °C Applications



2-Way ON/OFF	List (£-Ex-works)	2-Way Modulating 0-10V	List (£-Ex-works)
BV15-2-09SS/DC24-5-T	253.54	BV15-2-09SS/DCM24-4	359.57
BV20-2-22SS/DC24-5-T	278.90	BV20-2-22SS/DCM24-4	414.89
BV25-2-30SS/DC24-8	345.74	BV25-2-30SS/DCM24-8	460.98
BV32-2-41SS/DC24-16	576.23	BV32-2-41SS/DCM24-16	679.95
BV40-2-70SS/DC24-25	703.00	BV40-2-70SS/DCM24-25	730.66
BV50-2-91SS/DC24-25	806.72	BV50-2-91SS/DCM24-25	841.30
BV65-2-91SS/DC24-25**	2,189.68	BV65-2-91SS/DCM24-25**	2,304.92
BV80-2-91SS/DC24-25**	2,304.92	BV80-2-91SS/DCM24-25**	3,457.38
3-Way ON/OFF		3-Way Modulating 0-10V	
BV15-3-05SS/DC24-5-T	396.45	BV15-3-05SS/DCM24-4	460.98
BV20-3-10SS/DC24-5-T	493.25	BV20-3-10SS/DCM24-4	594.67
BV25-3-12SS/DC24-8	553.18	BV25-3-12SS/DCM24-8	659.21
BV40-3-26SS/DC24-25	981.90	BV40-3-26SS/DCM24-25	1,021.08
BV50-3-43SS/DC24-25	1,253.88	BV50-3-43SS/DCM24-25	1,293.06

(**) - Denotes Tandem Actuator Arrangement.

Spring Return Motorised Ball Valves- Down to -40 °C Applications

2-Way ON/OFF	List (£-Ex-works)	3-Way Modulating	List (£-Ex-works)	3-Way ON/OFF		3-Way Modulating	
BV15-2-09SS/DS24-6	478.27	BV15-2-09SS/DMS24-6	603.89	BV15-3-05SS/DS24-6	769.27	BV15-3-05SS/DMS24-6	881.63
BV20-2-22SS/DS24-6	541.66	BV20-2-22SS/DMS24-6	821.13	BV20-3-10SS/DS24-6	852.82	BV20-3-10SS/DMS24-6	965.19
BV25-2-30SS/DS24-16	726.05	BV25-2-30SS/DMS24-16	872.99	BV25-3-12SS/DS24-16	933.49	BV25-3-12SS/DMS24-16	1,045.86
BV32-2-41SS/DS24-16	996.88	BV32-2-41SS/DMS24-16	1,109.24	BV40-3-26SS/DS24-16**	1,777.67	BV40-3-26SS/DMS24-16**	2,109.00
BV40-2-70SS/DS24-16**	1,417.53	BV40-2-70SS/DMS24-16**	1,702.76	BV50-3-43SS/DS24-16**	2031.21	BV50-3-43SS/DMS24-16**	2,336.61
BV50-2-91SS/DS24-16**	1,492.44	BV50-2-91SS/DMS24-16**	1,843.94				

(**) - Denotes Tandem Actuator Arrangement.



Spring Return Motorised Butterfly Valves- Down to -10 °C Applications

3-Way ON/OFF Spring Return		3-Way Modulating 0-10V Spring Return		2-Way ON/OFF Spring Return		2-Way Modulating 0-10V Spring Return	
50RL2/DS24-16	963.46	50RL2/DMS24-16	958.85	50RL2/DS24-16	933.49	50RL2/DMS24-16	958.85
65RL2/DS24-16**	991.12	65RL2/DMS24-16**	988.81	65RL2/DS24-16**	963.46	65RL2/DMS24-16**	988.81
80RL2/DS24-16**	1,030.30	80RL2/DMS24-16**	1,025.69	80RL2/DS24-16**	993.42	80RL2/DMS24-16**	1,025.69
100RL2/DS24-16**	1,530.47	100RL2/DMS24-16**	1,643.41	100RL2/DS24-16**	1,530.47	100RL2/DMS24-16**	1,643.41

ACTUATED CONTROL VALVES

Motorised Globe Valves- Down to -10 °C Applications



2-Way ON/OFF	List (£-Ex-works)	2-Way Modulating	List (£-Ex-works)
DG15-2-02/DC24-5-T	357.26	DG15-2-02/DCM24-5	435.63
DG15-2-04/DC24-5-T	363.03	DG15-2-04/DCM24-5	447.15
DG20-2-07/DC24-5-T	368.79	DG20-2-07/DCM24-5	456.37
DG25-2-12/DC24-5-T	382.62	DG25-2-12/DCM24-5	472.51
DG32-2-17/DC24-5-T	562.40	DG32-2-17/DCM24-5	693.78
DG40-2-24/D24-8	624.63	DG40-2-24/DM24-8	707.61
DG50-2-35/D24-8	792.89	DG50-2-35/DM24-8	795.20
DG65-2-63/D24-16	908.14	DG65-2-63/DM24-16	956.54
DG80-2-100/D24-25	1150.16	DG80-2-100/DM24-25	1233.13
DG100-2-138/D24-25	1406.00	DG100-2-138/DM24-25	1532.77
DG125-2-216/D24-25**	2424.78	DG125-2-216/DM24-25**	2500.84
DG150-2-360/DC24-35**	3037.89	DG150-2-360/DCM24-35**	3113.95

3-WAY ON/OFF	List (£-Ex-works)	3-Way Modulating	List (£-Ex-works)
DG15-3-02/DC24-5-T	371.09	DG15-3-02/DCM24-5	455.22
DG15-3-04/DC24-5-T	403.36	DG15-3-04/DCM24-5	460.98
DG20-3-07/DC24-5-T	414.89	DG20-3-07/DCM24-5	493.25
DG25-3-12/DC24-5-T	585.45	DG25-3-12/DCM24-5	511.69
DG32-3-17/DC24-5-T	677.65	DG32-3-17/DCM24-5	643.07
DG40-3-24/D24-8	818.25	DG40-3-24/DM24-8	712.22
DG50-3-35/D24-8	818.25	DG50-3-35/DM24-8	845.91
DG65-3-63/D24-16	940.41	DG65-3-63/DM24-16	988.81
DG80-3-100/D24-25	1173.21	DG80-3-100/DM24-25	1260.79
DG100-3-138/D24-25	1447.49	DG100-3-138/DM24-25	1537.38
DG125-3-216/D24-25**	3927.59	DG125-3-216/DM24-25**	2851.19
DG150-3-360/DC24-35**	3399.76	DG150-3-360/DCM24-35**	3475.82

Motorised Butterfly Valves- Down to -10 °C Applications

(**) - Denotes Tandem Actuator Arrangement.



2-Way ON/OFF	List (£-Ex-works)	2-Way Modulating 0-10V	List (£-Ex-works)
BF2-2	320.38	BF2-2	412.58
BF250-2	327.30	BF250-2	421.80
BF3-2	334.21	BF3-2	428.72
BF4-2	451.76	BF4-2	488.64
BF5-2	560.10	BF5-2	594.67
BF6-2	993.42	BF6-2	1,076.40
BF8-2	1,977.62	BF8-2	3,077.07
BF10-2	2,489.32	BF10-2	3,586.46
BF12-2	2,662.18	BF12-2	3,757.02
BF14-2	3,860.74	BF14-2	4,955.58
BF16-2	4,702.04	BF16-2	5,808.40
BF18-2	6,193.33	BF18-2	7,304.30
BF20-2	7,255.89	BF20-2	8,355.34
2-Way ON/OFF		2-Way Modulating 0-10V	
Spring Return		Spring Return	
50RL2/DS24-16	933.49	50RL2/DMS24-16	958.85
65RL2/DS24-16**	963.46	65RL2/DMS24-16**	988.81
80RL2/DS24-16**	993.42	80RL2/DMS24-16**	1,025.69
100RL2/DS24-16**	1,530.47	100RL2/DMS24-16**	1,643.41

Notes;

- 1) ** Denotes Tandem Actuator Arrangement.
- 2) For Auxiliary Switch option add £20.00
- 3) For Stainless Steel Disk add £40.00
- 4) Low Temperature Applications Consult our sales team 01733-243400

PRESSURISATION SYSTEMS

Expansion Vessels - Down to -10 °C Applications



Model	Orientation (°)	Capacity (Lt.)	Conne. (Barg)	Max. Pressure (Barg)	Dimensions			£
					Diameter (mm)	Height ^(**) (mm)	Length ^(**) (mm)	
8LV	V	8	3/4"	10	200		321	242.54
24 LH	H	24	1"	10	270		480	324.00
60 LV/LH	V/H	60	1"	10	380	860	680	525.00
80 LV/LH	V/H	80	1"	10	450	800	640	589.38
100 LV/LH	V/H	100	1"	10	450	960	781	909.92
200 LV/LH	V/H	200	1 1/2"	10	550	1280	1079	1,036.92
300 LV/LH	V/H	300	2 1/2"	10	630	1430	1237	1,223.69
500 LV/LH	V/H	500	3 1/2"	10	750	1610		2,016.69
750 LV/LH	V/H	750	4 1/2"	10	750	2267		2,852.38
1000 LV/LH	V/H	1000	2"	10	890	2110		4,012.54

(*) - Units can be installed either (H)orizontal or (V)ertical Orientation.

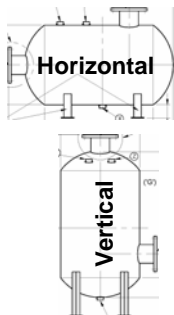
(**) - Height refers to Vertical and Length refers to Horizontal unit dimensions.

Expansion Vessels - Down to -40 °C Applications



HP-200 Model	System Volume (Lt.)	Diameter (mm)	Height (mm)	Weight (kg)	Con.	£
11	983	267	203	32	2"	POA
12	1967	267	241	36	2"	POA
13	4917	406	254	63	2"	POA
14	9834	406	356	68	2"	POA
15	19668	610	457	136	3"	POA
16	49170	610	533	159	3"	POA
17	98340	914	635	259	4"	POA
175	245850	1067	1016	998	6"	POA
18	491700	1219	1194	1361	6"	POA

Buffer Vessels



PRODUCT Model	Diameter (mm)	Length(H)/Height (V) (mm)	Volume Lt.	Inlet (mm)	Outlet (mm)	Drain & Vent (mm)	Gauge (mm)	List (£)
BV200	508	800	200	50	50	25	25	1,033.85
BV350	508	1,500	350	80	80	25	25	1,587.69
BV500	762	850	500	80	80	25	25	1,907.69
BV850	762	1,600	850	100	100	25	25	2,563.08
BV1000	762	1,900	1,000	100	100	25	25	2,827.69
BV1250	914	1,600	1,250	100	100	25	25	3,181.54
BV1500	914	2,000	1,500	150	150	25	25	3,655.38
BV2000	1,220	1,400	2,000	150	150	25	25	4,255.38
BV2500	1,220	1,800	2,500	150	150	25	25	5,086.15
BV3000	1,220	2,300	3,000	200	200	25	25	5,827.69
BV3500	1,220	2,700	3,500	200	200	25	25	6,218.46

Pressurisation Sets - Down to -10 °C Applications



Model	No of Pumps	System Capacity (Lt.)	Max. Pressure (Barg)	Expansion Vessel (Lt.)	Dimensions			£
					(L) (mm)	(W) (mm)	(H) (mm)	
SA 10/1-LT	1	950	7	19	840	330	1,070	5,956.86
SA 10/2-LT	1	1,776	7	37	840	480	1,150	6,193.71
SA 10/22-LT	2	1,776	7	37	840	480	1,150	9,720.29
SA 10/3-LT	1	3,312	7	69	1,000	480	1,150	6,738.00
SA 10/32-LT	2	3,312	7	69	1,000	480	1,150	10,009.43
SA 10/4-LT	1	5,520	7	115	1,000	630	1,310	7,152.00
SA 10/42-LT	2	5,520	7	115	1,000	630	1,310	10,309.43
SA 10/5-LT	1	11,040	7	230	1,000	630	1,600	8,222.86
SA 10/52-LT	2	11,040	7	230	1,000	630	1,600	11,011.14
SA 10/6-LT	1	16,560	7	345	1,300	630	1,600	8,864.86
SA 10/62-LT	2	16,560	7	345	1,300	630	1,600	11,740.00

Pressurisation Sets - Down to -40 °C Applications



Model	No of Pumps	System Volume (Lt.)	Max. Pressure (Barg)	Expansion Vessel (Lt.)	Dimensions			£
					(L) (mm)	(W) (mm)	(H) (mm)	
SA 10/1-LT	1	950	7	19	840	330	1070	5956.86
SA 10/2-LT	1	1776	7	37	840	480	1150	6193.71
SA 10/22-LT	2	1776	7	37	840	480	1150	9720.29
SA 10/3-LT	1	3312	7	69	1000	480	1150	6738.00
SA 10/32-LT	2	3312	7	69	1000	480	1150	10009.43
SA 10/4-LT	1	5520	7	115	1000	630	1310	7152.00
SA 10/42-LT	2	5520	7	115	1000	630	1310	10309.43
SA 10/5-LT	1	11040	7	230	1000	630	1600	8222.86
SA 10/52-LT	2	11040	7	230	1000	630	1600	11011.14
SA 10/6-LT	1	16560	7	345	1300	630	1600	8864.86
SA 10/62-LT	2	16560	7	345	1300	630	1600	11740.00

TERMS AND CONDITIONS OF SALE

1. INTERPRETATION

- 1.1 "Seller" shall be deemed to mean ENVIRONMENTAL PROCESS SYSTEMS LIMITED.
- 1.2 "Buyer" shall be deemed to mean anyone whether a person or body corporate who places an Order with Seller for a product.
- 1.3 The titles to the Conditions herein are for information only and shall not affect the construction or interpretation of these Conditions or any part thereof.
- 1.4 Reference herein to "Products" shall be deemed to include reference to "Products" or a part or parts thereof. "Products" shall mean the goods, or where the context so admits the services, which Seller shall supply pursuant to this Contract.
- 1.5 "Contract" shall be deemed to mean these Conditions of Sale, together with any schedules and attachments hereto specified by Seller to form part of the Contract.
- 1.6 "Warranty Period" shall mean a period of 12 months from the date of installation of the Product or 18 months from the date of despatch thereof from Seller's factory, whichever is the shorter.
- 1.7 "Site" means the place(s) specified in the Contract for delivery of the Products.
- 1.8 "Quotation" shall mean Buyer's acceptance of the terms and conditions herein contained.

2. ACCEPTANCE

- 2.1 All Products are sold subject to the Terms & Conditions contained in the Contract. All other Conditions and Warranties, whether express or implied, statutory or otherwise, are hereby expressly excluded. Buyer acknowledges that it has not relied on any representation not repeated in this contract.
- 2.2 No addition or variation may be made to the Contract without the express written of an authorised officer of Seller.
- 2.3 In the event of any conflict or inconsistency between these Conditions and the Terms or Conditions of any order or acceptance, these Conditions shall prevail.
- 2.4 The giving of any delivery instructions, the acceptance of, or payment for, any Products or any conduct in confirmation by Buyer of the transaction hereby contemplated shall constitute unqualified acceptance by Buyer of these Conditions.
- 2.5 Any special terms granted in respect of any one order are not applicable to any subsequent order without the express consent in writing of an authorised officer of Seller.
- 2.6 Neither party shall be liable for any delay or failure to meet its obligations (other than a payment obligation) under the Contract due to any cause outside its reasonable control.
- 2.7 This quotation is an offer to sell, subject to approval by the Seller. The offer may be withdrawn at any time prior to receiving Buyer's acceptance, and the offer shall expire automatically if not accepted within thirty (30) days from the date of this Quotation. This Quotation is conditioned upon Buyer's acceptance of the terms and conditions herein contained. Seller hereby expressly rejects any and all terms in different form, or inconsistent with the terms and conditions in this Quotation. Seller shall accept or rejects Buyer's order within thirty (30) days after receipt thereof.
- 2.8 No Contract shall come into being until the Seller has acknowledged receipt of the Buyer's order for Products.

3. DESIGN AND SPECIFICATIONS

- 3.1 If Seller submits any drawings or other specifications to Buyer for approval, and Buyer does not approve or disapprove of them within the time specified by Seller, Seller shall have the right to ship the Products at a later date and charge a higher purchase price, as reasonably necessitated by Buyer's delay.
- 3.2 All illustrations or descriptive material of any sort, including drawings, specifications of weight, capacity, dimensions, output and consumption, are for information only and shall not form part of the Contract. They are approximate only and no Warranty or Guarantee is given for their accuracy.
- 3.3 Seller reserves the right to make at any time such changes in design, construction, composition, materials, arrangements or equipment as it shall think fit without notifying Buyer.

4. LIMITATION OF SELLER'S LIABILITY

The Seller shall not be liable for loss of Buyer's contracts , loss of use, loss of profits or production or any economic or consequential loss.

5. SUITABILITY OF EQUIPMENT FOR PURCHASER'S REQUIREMENTS

Products supplied under this Contract will perform in accordance with the standards specified within the catalogues, bulletins and proposals published by the Seller. It is the responsibility of Buyer to ensure that the Products are suitable for its particular purpose.

6. TESTING, COMMISSIONING AND OTHER SITE SERVICES

Where the Buyer requires commissioning and/or testing of the Products on Site, or and other site services, this shall be undertaken by the Seller at a price and such conditions to be agreed in writing prior to such services being undertaken.

7. PRICE AND TERMS OF PAYMENT

- 7.1 The price of Products quoted is the ex-works price otherwise specified in anywhere within the Quotation. The cost of delivery or to an address outside the mainland of England, Wales or Scotland is not included. Packing, insurance and other costs, charges, taxes or duties of any kind whatsoever are not included in the prices quoted in Seller Price List or otherwise and will be added to the invoice price as necessary.
- 7.2 Payment for Products unless otherwise agreed by Seller shall be made not later than the last day of the calendar month following despatch of the Products by Seller to Buyer and no deduction in payment by Buyer shall be made in respect of any set off or counter claim whether justified or not.
- 7.3 Where monies are not paid in accordance with the requirements hereof, without prejudice to any other right or remedy, the Seller shall be entitled to levy interest on the outstanding amount at the rate of 4 percent per annum above the base lending rate of Barclays Bank plc, such interest being deemed to accrue from day to day.
- 7.4 Seller shall be entitled to alter the price charged for any Products by such amount as Seller shall think fit at any time before delivery in the event of any increase in the cost to Seller in supplying such Products unless a fix price has been agreed previously in writing between Seller and Buyer.
- 7.5 All prices referred to herein are exclusive of Value Added Tax, Purchase Tax or any other tax or duty which is or may be levied or charged; the amount of such taxes or duties calculated at the rate prevailing at the appropriate time will be added to such prices and Buyer shall account to Seller for such taxes or duties in the same manner as the price of the Products as set out in Clauses 7.2 and 7.3 hereof.
- 7.6 Seller shall have a lien on all Buyer's property in Seller's possession for all sums due at any time from Buyer to Seller subject to Seller giving to Buyer one month's notice in writing. Seller shall be entitled to use, sell and dispose of such property as agent for and at the expense of Buyer and apply the proceeds in and towards the payment of monies due and outstanding from Buyer to Seller. Thereafter Seller shall be discharged of any liability in respect of Buyer's property.

8. DELIVERY

- 8.1 Since the products are to be manufactured to special order, the shipment date designated on the face of hereof is estimated and not guaranteed. The Seller shall not be responsible for any failure to attain delivery dates. The estimate of time given for delivery shall run from the date on which the order has been accepted in writing by Seller.
- 8.2 The Seller shall be entitled to a reasonable extension of time for delivery here he is delayed of any factors outside his reasonable control; including without limitation , acts of God, wars, sabotages, casualties, accidents, labour disputes or shortages, government rules, ordinance or regulations such as priorities, requisitions, allocations and price adjustment restriction, or an inability to obtain materials, equipment, transport, actions by other parties over whom the Seller has no control; variations required by the Buyer; acts or omissions of the Buyer, his servants or agents.
- 8.3 If the Products have not been received by Buyer within 7 days of notification of despatch by Seller, or if they have been received but are in a damaged condition or if the quantity received differs from the quantity advised by Seller as despatched, Buyer shall immediately give notice in writing to Seller of the relevant facts. If such notice is not received within 10 days from notification of despatch by Seller, Seller will not be liable to Buyer in respect of any loss or damage suffered and Buyer shall accept liability as if all the Products had been received and shall not claim against Seller in respect of non or short delivery or damage in transit.
- 8.4 Where any delay is caused by the Buyer, his servants or agents, in addition to any reasonable extension of time, the Seller shall be entitled to recover all additional costs incurred by him as a consequence of such delay.
- 8.5 Where Products are offered for delivery to site, Seller may ship the products by any mode, and full or partial shipment, the obligation of Seller is to deliver only as near to the site as a safe hard road permits. Buyer is to provide to Seller, free of charge, reasonable assistance in unloading.
- 8.6 Unless special requirements have been agreed in writing, the Seller shall package the Products in any manner he reasonably considers appropriate given the nature of the Products.
- 8.7 Upon the Products being placed into storage, they shall be deemed to have been delivered and the Seller shall be entitled to require payment in accordance with clause 7 hereof.

9. TRANSFER OF PROPERTY AND RISK

- 9.1 All Products shall remain the property of Seller as legal and equitable owner and no property or title to the Products shall pass to Buyer until the full price has been paid to Seller, together with the full price of any Products, the subject of any other Contract with Seller. Until payment in full, Buyer shall store the Products in such a way as to enable them to be identified as the property of Seller and shall not encumber the Products in any way. Failure to pay the price for the Products and that of such other Products referred to above when due shall, without prejudice to any other remedies Seller may have, entitle Seller to repossess the Products or so much thereof as Seller may determine from any premises where they may be. For the purpose of repossessing the Products or any part thereof, Buyer hereby grants an irrevocable Licence to Seller, its employees or the agents to enter upon such premises and Buyer shall pay to Seller the cost of removal and transfer of the Products or any part thereof.
- 9.2 Buyer may incorporate the Products in or with any other Products provided that any new Products manufactured or containing the Products shall become the sole and exclusive property of Seller and shall be separately stored and marked so as to be identifiable as being manufactured or as complement the Products which are the property of Seller.
- 9.3 Buyer may in the ordinary course of its business sell and deliver the Products or any Products produced with the Products in which the property remains with Seller to any third party as Seller's agent (but as principal vis-à-vis any third party), in a fiduciary capacity and for the account Seller provided that the entire proceeds of sale are held in trust for Seller, are not mingled with any other monies and are at all times identifiable as Seller's monies. Buyer shall upon request assign to Seller the legal title of any right against any third party arising out of such sale the beneficial interest of which is Seller's. Buyer shall be entitled to receive from Seller by way of commission the excess of the proceeds of sale over the amounts due to Seller from Buyer.
- 9.4 If following the sale to a sub-purchaser of any Product or any Products produced with any Product in which property remains with Seller in accordance with Clause 9.3 hereof, Buyer shall have a Receiver or Administrator Receiver appointed and at the date thereof Buyer shall not have received the proceeds of sale of such Product or Products, Buyer or the Receiver or Administrative Receiver as agent for Buyer shall assign to Seller within 7 days all rights against the person or persons to whom the Product or Products have been sold.
- 9.5 Buyer's right to possession of the Products prior to payment of the agreed price shall cease at whichever is the earliest of the following dates: (a) on the expiration of the agreed period of credit under Clause 7.2 or such other period as Seller may expressly agreed, if any; (b) if Buyer not being a company commits an act of Bankruptcy, makes a proposal to his creditors for a composition under Section 253 of the Insolvency Act 1986 or does anything which would entitle a petition for a bankruptcy order to be made; (c) if Buyer, being a company, does anything or fails to do anything which would entitle a Receiver to take possession of any assets or which would entitle any person to present a petition for winding up or apply for an administrative order.
- 9.6 Buyer shall not apply to the Court under Section 9 of the Insolvency Act 1986 for the appointment of an Administrator without giving fourteen days notice to Seller. From the date of the said notice, Buyer shall not be entitled to remain in possession of any of the Products.
- 9.7 If a Receiver or Manager or any other person acting for Buyer fails to return any Products and/or any other Products, the property of Seller, the return of which has been demanded in accordance with these Conditions, he shall pay Seller as agreed and liquidated damages for detainee and/or conversion, treble the agreed price of the Products and, if any such person shall to assign to Seller any rights against a third person as required by Clause 9.4 hereof, he shall be liable for "THE RELATED" payments due to Seller plus interest thereon at the Barclays Bank plc base rate plus 5 percent until Seller shall receive the whole of the monies due.
- 9.8 If a Receiver or Manager or any other person acting on behalf of Buyer shall in any way seek to impugn Seller's title to the Products and/or any other Products, or shall seek to claim that this conditional sale amounts to a charge on Buyer's assets, he shall pay to Seller as agreed any liquidated damages for slander of title, treble the agreed price of the Products.
- 9.9 Notwithstanding anything else contained in these Conditions risk in the Products shall pass to Buyer on delivery of the Products to Buyer's (or Purchaser's agents) vehicles or premises or otherwise in accordance with his Purchaser Order.
- 9.10 If a Receiver or Manager or any other person acting on behalf of Buyer shall in any way seek to impugn Seller's title to the Products and/or any other Products, or shall seek to claim that this conditional sale amounts to a charge on Buyer's assets, he shall pay to Seller as agreed any liquidated damages for slander of title, treble the agreed price of the Products.

10. DEFECTS AFTER DELIVERY

- 10.1 Seller warrants each Product against defects in design and faulty workmanship and materials throughout the Warranty Period PROVIDED ALWAYS that Seller has been notified in writing within 14 days of the alleged defect becoming apparent and the defective Product has been returned to Seller (or as it shall otherwise direct) as a matter of urgency.
- 10.2 Seller's obligations under the said Warranty is limited to at its option, repairing or replacing on an exchange basis faulty parts and meeting the labour costs involved in replacing them. The said Warranty does not cover the cost of removing, returning and refitting the Product or any consequential losses arising from any defect. Under no circumstances should the Product be dismantled prior to return and failure to observe this Condition will render the said Warranty void. The said Warranty does not extend to defects arising from incorrect installation, water containing sand, salt or harmful chemicals, inadequate motor protection faulty ancillary equipment, lightning and other circumstances beyond Seller's control.
- 10.3 Notwithstanding anything else contained in the Contract, Seller shall not be liable to Buyer for loss of profits or contacts or other indirect or consequential loss howsoever arising.
- 10.4 If Seller's employees or sub-contractors visit Buyer's premises for reasons connected with the Contract, Seller will indemnify Buyer against direct damage to property or injury to or death of any person occurring whilst the said employees or sub-contractors are working on Buyer's premises to the extent that such damage or injury is caused by the negligence of the said employees or sub-contractors, but not otherwise, by making good such damage to property or compensating personal injury PROVIDED that Seller's total liability for damage to property shall not exceed the total sums paid by Buyer to Seller under the Contract.
- 10.5 Seller shall not be liable to Buyer in respect of any claims pursuant to the Consumer Protection Act 1987 which may be brought against Buyer by third parties in respect of defects in the Products and Buyer shall, except where as a result of a defect in the Products, Buyer has suffered damage (as defined in Section 5 of the Consumer Protection Act 1987), indemnify Seller against all damages, penalties, costs or expenses arising out of any claim for damage suffered as a result of a defect in the Products.
- 10.6 THIS WARRANTY IS EXCLUSIVE AND LIEU OF ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHER, WARRANTY, WHETHER EXPRESSED OR IMPLIED, EXCEPT THE WARRANTY OF TITLE AND AGAINST PATENT INFRINGEMENT.
- 10.7 Sellers employees or representatives ORAL STATEMENTS DO NOT CONSTITUTE WARRANTIES, shall not be relied upon by Purchaser, and are not part of the CONTRACT for sale. NO OTHER WARRANTIES are given beyond those set forth in this CONTRACT.

11. RETURN OF PRODUCTS

Buyer shall not return Products claimed to be defective except by prior written permission of an authorised officer of Seller and such return shall be subject to payment by Buyer of handling and restocking charges, transport and all other costs incurred by Seller.

12. CANCELLATION

In the event that Buyer shall be in default of any of its obligations under the Contract and shall fail to remedy such breach within seven days of a notice from Seller specifying the breach and requiring its remedy OR if any proceedings under the laws relating to insolvency or bankruptcy (including the appointment of a Receiver or Administrator) are taken by or against Buyer, Seller may terminate the Contract forthwith.

13. SERVICE

- 13.1 If the Contract includes an obligation for Seller to undertake servicing of the Products/provide services/carry out repairs to Buyers Products, Buyers shall pay the price stipulated in the Contract for such service upon collection Buyer's Products or 28 days following the date of issue of notification by Seller by Buyer that the service has been completed whichever shall be the earlier.
- 13.2 If payment of the price referred to in 13.1 above is not made on or before the due date, Seller shall be entitled to charge interest in accordance with the provisions of Clause 7.3 above.

14. INSPECTION

Before accepting the products. Buyer shall have the right to inspect the Products at the time and place of delivery. After Buyer inspects and accepts the Products , Buyer shall be deemed to have acknowledged that the Products comply with all specifications, representation and warranties of Seller, and to have waived any claim or cause of action against Seller with respect to the Products.

15. JURISDICTION

The Contract shall be construed in all respects with English Law. Any dispute arising under this Contract shall be subject to the exclusive jurisdiction of the English Courts.



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