

CHEMETRON Fire Systems, 4801 Southwick Dr, 3rd Floor, Matteson IL 60443

High Pressure System Equipment.

Automatic Actuator. 1-026-0249, -0250.

Alarm. 1-003-0033, -0070, -0071, -0072, -0084, 42378, 1-003-0094, 52110, 7-003-0028, -0029, -0034, -0035, -0040, -0056, -0059 through -0072.

Alarm Whistle. 1-010-0034, 1-037-0444, -0445.

Control Cylinder Assembly. 3-071-0026, -0033, -0037.

High Pressure Discharge Valve/Cylinder Assembly

Size	25 lb (11 kg)	35 lb (16 kg)	50 lb (23 kg)	75 lb (34 kg)	100 lb (45 kg)
Part Number	10481493	10481494	10480202	1048203	10480204
Equivalent Length ½ in – Sch. 40	30 ft	30 ft	30 ft	30 ft	30 ft
	9 m	9 m	9 m	9 m	9 m
Equivalent Length ½ in – Sch. 80	13 ft	13 ft	13 ft	13 ft	13 ft
	4 m	4 m	4 m	4 m	4 m

Discharge Head

Pilot with Handwheel

Pilot without Handwheel

Pressure Operated

3-061-0143

1-061-0738

1-061-0715

Flexible connector Hose 5-026-0263.

Mounting Rack Kit for 25 and 35 lb Discharge Valve/Cylinder Assemblies, 2-071-0370.

Toggle Switch Box. 7-010-0013, 7-012-0108.

Control Cabinet. 1-010-0222, -0223.

Relay Cabinet. 1-015-0189, -0177, 1-010-0443, -0557, 47799, 47989, 49070, 1-015-0198, 1-010-0270, -0271, -0272, -0273, -0274, -0275, -0276, -0277, -0256, -0257, -0258, -0259, -0260, -0261, -0262, -0263, -0278, -0279, -0280, -0281, -0283, -0284, -0285, -0286, 1-010-0248, -0249, -0321, -0322, -0324, -0335, -0336, -0339, -0493, -0494, -0555, -0556.

Relay Cabinet Assembly by Dwg. No. 47799, 47989, 49070.

Timing Relay Cabinet. 1-010-0264, -0265, -0266, -0267, -0268, -0269, -0348, -0375.

Mercury Check. 46329.

Heat-actuated Device. 1-050-0128.

In-line Filter. 7-086-0004.

Flexible Hose. 1-026-0260, 1-026-0267, -0303.

Hose Reel. 1-026-0230, -0231, -0238.

Pilot Connection Kit. 1-026-0261 through -0266.

Pilot Light. 1-013-0001, -0002, -0003, -0004, 7-013-0093.

Revolving Red Light. 7-013-0034 through -0043, -0081.

Nozzle and Valve Handline Assembly. 1-061-0313, -0629, -0634, -0648.

Playpipe Hanger. 5-061-0731.

Electric Relay. 10993, 10995, 41435, 41444.

Mounting Support Release. 5-039-0749, -0750.

Pneumatic Release and Valve Assembly. 41582-1 through -12.

Pressure-operated Release. 1-063-0015, 21932.

Rate-of-Rise Release. 41582-1 through -13, 41585.

Manual Station, Discharge. 2-010-0043.

Manual Release Station. 24301, 24302-1, -2, -3, 24342, 24346-1, -2, 34500, 41546, 1-071-0028, -0031.

Manual Station. 2-010-0034 through -0045.

Pressure Switch. 1-017-0065, -0069, -0070, -0089.

Pressure Operated, Explosionproof Switch. 7-017-0229.

Odorizer Cylinder. 1-003-0119.

Odorizer Cartridge. 1-003-0080.

Odorizer Cylinder. 1-003-0054.

Odorizer Cylinder. 1-003-0119.

Odorizer Cartridge. 1-003-0080.

Thermostat. 1-050-0093, -0094, -0099, -0100, -0117, -0122, -0123, -0131.

Discharge Timer Assembly. 1-010-0039, -0192.

Discharge Delay Timer. 3-010-0097.

Bleeder Valve. 1-061-0573.

Check Valve. 7-061-0009.

Differential Pressure Check Valve. 1-061-0728.

Manual Valve, Ball Type.

70985018, 70985020 through 70985025.

Pilot Control Valve. 1-061-0668, -0640.

Pilot Control Valve Mounting Bracket. 3-009-0008.

Safety Relief Valve. 3-071-0006.

Solenoid Valve, 2-way. 1-061-0281, -0633.

Solenoid Pilot Valve. 2-061-0002, -0003, -0004, -0006, -0014, -0015, -0039.

Shuttle Valve. 1-061-0256.

Switching Valve. 1-061-0595.

Squeeze-grip Valve. 1-061-0623, -0628.
Compensating Vent. 5-010-0243, -0244, -0245, -0269.

Part Name	Part No.	Nominal Pipe Size, in.	Equivalent Length, ft (m)		
			Sched 40	Sched 80	
Selector Valve	3-061-0047	1/2	13 (4)	6.5 (2)	
	3-061-0048	3/4	25 (8)	15 (4)	
	1-061-0371	1	—	29 (9)	
	1-061-0369	1 1/2	72 (22)	49 (15)	
	1-061-0370	2	—	48 (15)	
	1-061-0733	3	99 (30)	73 (22)	
	1-061-0734	4	120 (37)	92 (28)	
	Check Valve	1-061-0330	1/2	11 (3)	—
		1-061-0329	3/4	28 (9)	—
		1-061-0739	1	4 (1)	2.5 (1)
1-061-0739		1 1/4	13 (4)	9 (3)	
1-061-0739		1 1/2	30 (9)	21 (6)	
1-061-0700		2	—	29 (9)	
1-061-0702		3	—	37 (11)	

Low Pressure System Equipment.

Storage Unit. 1-048-0063, -0064, -0065, -0066, -0067, -0068, -0169, -0170, -0126, -0127, -0128, -0129, -0130, -0131, -0177, -0178, -0132, -0133, -0134, -0135, -0136, -0137, -0138, -0139, -0140, -0141, -0142, -0143, -0192, -0193, -0194, -0009, -0018, -0038, -0052, -0235, -0236, -0277, -1062, -1063, -1064, -1074, -1075, -1076, -1066, -1067, -1068, -1078, -1079, -1080, -1070, -1071, -1072, -1082, -1083, -1084, -1086, -1087, -1089, -1090, -1092, -1093, -1095, -1096, -1098, -1099, -1101, -1102, -1104, -1105, -1107, -1108, -1110, -1111, -1113, -1114, -1116, -1117, -1119, -1120, -1122, -1123, -1125, -1126, -1128, -1129, -1131, -1132, -1342, -1343, -1344, -1347, -1348, -1349, -1352, -1353, -1354, -1357, -1358, -1359, -1362, -1363, -1364, -1367, -1368, -1369, -1372, -1373, -1374, -1377, -1378, -1379, -1765, -1766, -1767, -1768, -1769.

Storage Unit Modification. 42318, 42445, 51076, 51522, 51584.

Manual Valve, Handwheel. 1-061-0078, -0080, -0082, -0083, -0085, -0121, -0075.

Manual Valve, Lever-Operated. 1-061-0071, -0074, -0164, -0076, -0088, -0127.

Manual Valve, Lever-Operated with Weather Resistant Limit Switch. 1-061-0087, -0072, -0372, -0267, -0079.

Manual Valve, Lever-Operated with Explosionproof Limit Switch. 1-061-0677, -0151, -0266, -0678.

Manual Valve, Ball Type. 1-061-0319, 1-061-0320, 1-061-0708, -0709, -0710, -0711, -0712, 7-061-0040, -0041, -0128.

Manual Valve, Globe Type. 1-061-0185, -0170, -0094, -0089, -0093.

Manual Valve, Bar Stock. 1-061-0017.

Safety Relief Valve. 1-061-0753, -0754, -0930, -0747, -0748, -0749.

Shuttle Valve. 1-061-0256.

Switching Valve. 1-061-0595.

Pilot Valve, 3-Way, Pressure-Operated. 1-061-0258, 1-061-0640, -0668.

Pilot Valve, 3-Way. 1-061-0271.

Pilot Valve, 3-Way with Manual Operator. 1-061-0794.

Solenoid Valve, 2-Way. 1-061-0281, -0634, 7-061-0005, -0006, -0028.

Solenoid Valve, 3-Way. 1-061-0453, -0454, -0455, -0706, -0707, -0743, -0744, -0745, -0746, -0043.

Pilot Valve Cabinet, Manual, Electric. Normally Energized, 1-010-0420, -0421, -0422, -0423, -0424, -0430, -0431, -0432, -0433, -0434, 1-061-0802, -0805, -0806, -0807, -0808; normally de-energized, 1-010-0425, -0426, -0427, -0428, -0429, -0435, -0436, -0437, -0438, -0439, 1-061-0803, -0809, -0810, -0811, -0812.

Pilot Valve Cabinet, Manual. 1-010-0145, -0162, -0161.

Supervisory Control Arrangement Installation and Operation Manual, s/n 30000065, Issued March 1989, Rev. C, Revised April 16, 2004.

Supervisory Electro-Manual Pilot Cabinet For Use With Master-Selector Valve

Cabinet Assembly	Solenoid Valve	Solenoid Normal State	Current Characteristic
1-010-0711	1-061-0745	De-energized	120 Vac 60 hz
1-010-0723	1-061-0746	De-energized	120 Vac 50 hz
1-010-0709	1-061-0743	De-energized	120 Vdc
1-010-0708	1-061-0707	De-energized	24 Vdc
1-010-0713	1-061-0043	De-energized	120 Vac 60 hz

Supervisory Electro-Manual Pilot Cabinet For Use With Master Valve

Cabinet Assembly	Solenoid Valve	Solenoid Normal State	Current Characteristic
1-010-0701	1-061-0745	Energized	120 Vac 60 hz
1-010-0702	1-061-0746	Energized	120 Vac 50 hz
1-010-0699	1-061-0743	Energized	120 Vdc
1-010-0698	1-061-0707	Energized	24 Vdc
1-010-0703	1-061-0043	Energized	120 Vac 60 hz

Supervisory Electro-Manual Pilot Cabinet For Use With Selector Valve

Cabinet Assembly	Solenoid Valve	Solenoid Normal State	Current Characteristic	Pressure Switch
1-010-0782	1-061-0745	De-energized	120 Vac 60 hz	7-017-0171
1-010-0781	1-061-0746	De-energized	120 Vac 50 hz	7-017-0171
1-010-0780	1-061-0743	De-energized	120 Vdc	7-017-0172
1-010-0779	1-061-0707	De-energized	24 Vdc	7-017-0172
1-010-0778	1-061-0043	De-energized	120 Vac 60 hz	7-017-0171

Pressure Switch (AC) 70170177
 Pressure Switch (DC) 70170178
 Flexible Connection Kit 10260305
 Emergency Manual Release Station 1-010-0693
 Manual Release Station. 1-010-0158, 1-061-0249.
 Pneumatic Discharge Timer. 1-010-0192.
 Automatic Pneumatic Timer. 1-010-0038.
 Pressure-operated Release. 1-063-0015, -0016.
 Pipe Support. 5-039-0749.
 Odorizer Cylinder. 1-003-0054.
 Odorizer Cartridge. 1-003-0080.
 Filter, In-line. 7-086-0004, -0012.
 Strainer, In-line. 5-059-0851.
 Dual Pump Assembly. 1-042-0049, -0004.
 Liquid Carbon Dioxide Heater Assembly. 1-042-0059, -0060.
 Rate-of-Rise Release and Valve Assembly. 1-010-0174, -0175, -0176, -0177, -0178, -0179, -0180, -0181, -0182, -0183, -0184, -0031.
 Mercury Check. 1-050-0135, -0136, -0137.
 Compensating Vent. 5-010-0243, -0244, -0245, -0269.
 Pressure Switch. 1-017-0065, -0069, -0070.
 Pressure Operated, Explosionproof Switch. 7-017-0229
 Push-button Timer Station. 1-043-0081, -0082, -0083, -0084, -0085, -0086, -0087, -0088, -0089, -0090, -0091, -0092, -0213, -0214, -0217, -0218, -0221, -0222, -0070, -0071, -0234, -0235, -0246, -0030, -0231, -0241, -0236, -0232, -0237, -0245, -0233, -0238.
 Push-button Station, Momentary Contact. 1-043-0171, -0186, -0226, -0250.
 Push-button Station, On-Off. 1-043-0174, -0224, -0228.
 Timer Assembly for Flush Push-button Timer Station. 1-043-0129, -0130, -0131, -0132, -0133, -0134, -0135, -0136, -0137, -0138, -0139, -0140, -0141, -0142, -0143, -0144, -0145, -0146, -0147, -0148, -0149, -0150, -0151, -0152, -0207, -0208, -0209, -0210, -0211, -0212, -0002, -0003.
 Switch Assembly for Flush Push-button Station, Momentary Contact. 1-043-0173, -0188, -0240.
 Switch Assembly for Flush Push-button Station, On-Off. 1-043-0176, 1-037-0631.
 Box for Flush Push-button Station. 5-043-0062.
 Cover Plate for Flush Push-button Station. 5-043-0068.
 Push-button Station, Momentary Contact, Weatherproof. 1-043-0065.
 Push-button Station, On-Off, Weatherproof. 1-017-0083.
 Push-button Station, Momentary Contact, Explosionproof. 1-043-0051.
 Push-button Station, On-Off, Explosionproof. 1-017-0084.
 Manual Station. 2-010-0038, -0039, -0040, -0041, -0042, -0043, -0107, -0108.
 Toggle Switch Box. 7-012-0013, -0108.
 Thermostat. 1-050-0117 through 1-050-0123, -0131, -0018, -0140, -0141, -0142, -0144, -0145.
 Relay Cabinet. 1-015-0189, -0177, 1-010-0443, -0557, 1-015-0198, 1-010-0270, -0271, -0272, -0273, -0274, -0275, -0276, -0277, -0260, -0261, -0262, -0263, -0256, -0257, -0258, -0259, -0278, -0279, -0280, -0281, -0283, -0284, -0285, -0286, -0248, -0249, -0321, -0322, -0324, -0335, -0336, -0339, -0493, -0494, -0555, -0556.
 Relay Cabinet Assembly by Dwg. No. 47799, 47989, 49070.
 Timing Relay Cabinet. 1-010-0264, -0265, -0266, -0267, -0268, -0269, -0348, -0375.
 Repeat Cycle Timer Cabinet. 1-011-0283, -0013, -0017.
 Alarm Device. 1-003-0033, -0070, -0071, -0072, -0084, 43278, 1-003-0094, 7-003-0028, -0029, -0034, -0035, -0040, -0056, -0058, -0059, -0060, -0061, -0062, -0063, -0064, -0065, -0066, -0067, -0068, -0069, -0070, -0071, -0072.
 Revolving Warning Light. 7-013-0034, -0035, -0036, -0037, -0038, -0039, -0040, -0041, -0042, -0043, -0081.
 Inerting Nozzle Tube. 3-037-0268.
 Hose Reel. 1-026-0210, -0211, -0212, -0213, -0214, -0215, -0216, -0217, -0230, -0231, -0238, -0245, -0246, -0247.
 Playpipe Assembly. 1-037-0171, -0403, -0618, -0172, -0474, 1-061-0313, -0629.
 Automatic Actuator. 1-026-0255, -0256, -0257, -0258, -0249, -0250.
 Actuator, Hose Reel, 1 in. (25 mm) Playpipe. 1-026-0269.
 Playpipe Hanger. 5-061-0731.
 Pilot Light. 1-013-0001, -0004, 7-013-0093.

Part Name	Part No.	Nominal Pipe Size, in.	Equivalent Length, ft (m)	
			Sched 40	Sched 80
Cardox Valve. Master, Master-Selector or Selector Valve	1-061-0624	1/2	13 (4)	6.5 (2)
	1-061-0625	3/4	25 (8)	15 (4)
	1-061-0663	1	40 (12)	25 (8)
	1-061-0312	1 1/2	71 (22)	48 (15)
	1-061-0371	1	47 (14)	29 (9)
	1-061-0369	1 1/2	72 (22)	49 (15)
	1-061-0370	2	67 (20)	48 (15)
	1-061-0733	2 1/2	31 (9)	23 (7)

Part Name	Part No.	Nominal Pipe Size, in.	Equivalent Length, ft (m)	
			Sched 40	Sched 80
	1-061-0733	3	99 (30)	73 (22)
	1-061-0734	3½	61 (19)	44 (13)
	1-061-0734	4	120 (37)	92 (28)
	1-061-0740	5	70 (21)	55 (17)
	1-061-0740	6	185 (56)	142 (43)
Selector Valve only	3-061-0047	½	13 (4)	6.5 (2)
	3-061-0048	¾	25 (8)	15 (4)
Check Valve	1-061-0330	½	11 (3)	—
	1-061-0329	¾	28 (9)	—
	1-061-0700	2	—	29 (9)
	1-061-0702	3	—	37 (11)

Nozzles for Local Application and Total Flooding.

Name	Stock No.	Code Size	Pipe Size, in. (mm)	Use*
CN Nozzle	CN119- CN119-E	6 to 14	1 (25)	OLA-TF-LP
	CN121- CN121-D	16 to 23.5	1 (25)	OLA-TF-LP
	CN122- CN122-C	28 to 33.5	1¼ (32)	OLA-TF-LP
	CN123- CN123-B	37 to 310	1½ (38)	OLA-TF-LP

*Use: OLA, overhead local application; TF, total flooding; HP, high pressure; LP, low pressure.

Nozzles for Total Flooding Systems, High and Low Pressure.

Stock No. Stainless Steel	Pipe Size NPT	No. of Ports	Code No.
Radial Nozzle. 1-037-1300	¼	4	2.03"X" to 11.02"X"
		2	1.46"X" to 10.99"X"
		1	1.04"X" to 9.54"X"
1-037-1301	⅜	4	3.50"X" to 12.20"X"
		2	3.52"X" to 11.99"X"
		1	3.52"X" to 12.97"X"
1-037-1302	½	4	4.45"X" to 16.87"X"
		2	4.79"X" to 16.69"X"
		1	4.62"X" to 16.69"X"
1-037-1303	¾	4	6.40"X" to 21.94"X"
		2	6.41"X" to 21.81"X"
		1	6.40"X" to 21.94"X"
1-037-1304	1 in.	4	8.03"X" to 28.59"X"
		2	7.80"X" to 28.96"X"
		1	7.88"X" to 27.04"X"
1-037-1305	1¼	4	10.62"X" to 39.70"X"
		2	11.34"X" to 39.03"X"
		1	11.26"X" to 37.04"X"
1-037-1306	1½	4	12.46"X" to 42.24"X"
		2	13.91"X" to 45.41"X"
		1	13.93"X" to 38.13"X"
1-037-1307	2 in.	4	16.09"X" to 54.29"X"
		2	17.53"X" to 51.61"X"
		1	17.80"X" to 36.85"X"

"X" designates Port Style.

"A"=1 Port.

"B"=2 Port – 90° separation.

"C"=2 Port – 180° separation.

"D"=4 Port – 90° separation.

Nozzles for Total Flooding, Low Pressure Only.

12 in. (305 mm) Projection Nozzle and Nipple Assembly, Aluminum. 23442. Code Nos. for 1 in. (25 mm) pipe size 16, 18, 20, 22, 24. Code Nos. for 1½ in. (38 mm) pipe size. 20, 22.5, 25, 27, 29, 31, 33.5, 36, 38, 40.

15 in. (381 mm) Projection Nozzle and Nipple Assembly, Aluminum. 21701. Code Nos. for 2 in. (51 mm) pipe size. 35, 37, 40, 42.5, 45, 48, 50.

12 in. (305 mm) Projection Nozzle and Nipple Assembly, Steel. 23621. Code Nos. for 1 in. (25 mm) pipe size. 16, 18, 20, 22, 23, 24. Code Nos. for 1½ in. (38 mm) pipe size. 20, 22.5, 25, 27, 29, 31, 33.5, 36, 38, 40.

Hardware for Nozzles:

- Orifice Nozzle Mounting Kit. 2-037-0012.
- Flange Mounting Kit for 4 in. (102 mm) Spot Nozzle. 1-037-0393.
- Flange Mounting Kit for 5½ in. (140 mm) Spot Nozzle. 1-037-0392.
- Aluminum Seal Cap for 4 in. (102 mm) Spot Nozzle. 1-037-0470
- Aluminum Seal Cap for 5½ in. (140 mm) Spot Nozzle, 6 in. (152 mm) Wide Angle Nozzle. 1-037-0471.
- Polyethylene Seal Cap for 4 in. (102 mm) spot nozzle. 1-037-0396.
- Polyethylene Seal Cap for 5½ in. (140 mm) spot nozzle, and 6 in. (152 mm) wide angle nozzle. 1-037-0395.

Low Pressure System Equipment.

<i>Part No.</i>	<i>Model No.</i>	<i>Capacity, lb (kg)</i>
Storage Tank.		
1-001-0001	¾F	1500 (680)
1-002-0001	1¼F	2500 (1134)
1-003-0001	2F	4000 (1814)
1-004-0001	2¾F	5500 (2495)
1-005-0001	4F	8000 (3629)
1-006-0001	6F	12000 (5443)
1-007-0001	8F	16000 (7257)
1-008-0001	10F	20000 (9072)
1-009-0001	12F	24000 (10886)
1-009-0002	14F	28000 (12700)
1-009-0003	18F	36000 (16329)
1-009-0004	22F	44000 (19958)
1-009-0005	26F	52000 (23587)
1-009-0006	30F	60000 (27216)
1-009-0007	34F	68000 (30844)
1-009-0008	38F	76000 (34473)
1-009-0009	42F	84000 (38102)
1-009-0010	46F	92000 (41730)
1-009-0011	50F	100000 (45359)
1-009-0012	54F	108000 (48988)
1-009-0013	58F	116000 (52617)
1-009-0014	60F	120000 (54431)
1-009-0027	Vertical Storage Unit	16000 (7258)
1-009-0030	Vertical Storage Unit	28000 (12700)
1-009-0031	Vertical Storage Unit	52000 (23587)
1-009-0032	Vertical Storage Unit	60000 (27215)
1-009-0033	Vertical Storage Unit	76000 (34473)
1-009-0034	Vertical Storage Unit	100000 (45360)
1-002-0300	Series E Storage Unit	2500 (1134)
1-003-0300	Series E Storage Unit	4000 (1819)
1-004-0300	Series E Storage Unit	5500 (2495)
1-005-0300	Series E Storage Unit	7500 (3402)
1-006-0300	Series E Storage Unit	12000 (5443)
1-048-0959*	Storage Unit with R-502 Condensor	6000 (2721)

*For use in ambient temperature range of 0° to 90°F (-18° to 32°C).

Part Name	Part No.	Nominal Pipe Size, in. (mm)	Equivalent Length, ft (m)		
			Sched 80	Sched 40	
Tank Shut-Off Valve with Locking Device	1-020-0001	1½ (38)	13 (4)	19 (6)	
	1-020-0003	2 (51)	35 (11)	49 (15)	
	1-020-0005	3 (76)	56 (17)	75 (23)	
	1-020-0007	4 (102)	78 (24)	102 (31)	
	1-020-0009	6 (152)	123 (38)	160 (49)	
	1-020-0011	8 (203)	216 (66)	274 (84)	
	1-020-0051	1 (25)	7 (2)	12 (4)	
	1-020-0052	1¼ (32)	15 (5)	23 (7)	
	Master Valve	1-021-0001	½ (13)	6 (2)	12 (4)
		1-021-0004	¾ (19)	12 (4)	20 (6)
		1-021-0007	1 (25)	7 (2)	12 (4)
		1-021-0010	1¼ (32)	15 (5)	23 (7)
		1-021-0013	1½ (38)	13 (4)	19 (6)
		1-021-0016	2 (51)	35 (11)	49 (15)
		1-021-0019	3 (76)	56 (17)	75 (23)
1-021-0021		4 (102)	78 (24)	102 (31)	
1-021-0023		6 (152)	123 (38)	160 (49)	
1-021-0025		8 (203)	216 (66)	274 (84)	
Master-Selector/Selector Valve		1-022-0001	½ (13)	6 (2)	12 (4)
		1-022-0004	¾ (19)	12 (4)	20 (6)
		1-022-0007	1 (25)	7 (2)	12 (4)
		1-022-0010	1¼ (32)	15 (5)	23 (7)
		1-022-0013	1½ (38)	13 (4)	19 (6)
	1-022-0016	2 (51)	35 (11)	49 (15)	
	1-022-0019	3 (76)	56 (17)	75 (23)	
	1-022-0021	4 (102)	78 (24)	102 (31)	
	1-022-0023	6 (152)	123 (38)	160 (49)	
	1-022-0025	8 (203)	216 (66)	274 (84)	
	Shuttle Valve	1-023-0200	¼ (6)		
	Check Valve	1-023-0301	½ (13)		
		1-023-0302	¾ (19)		
		1-023-0303	1 (25)		
		1-023-0304	1½ (38)		
1-023-0305		2 (51)			
1-023-0306		1¼ (32)			
1-023-0307		¼ (6)			
Manual Ball Valve		3-006-0003	½ (13)		
		3-006-0004	¾ (19)		
		3-006-0005	1 (25)		
	3-006-0006	1¼ (32)			
	3-006-0007	1½ (38)	13 (4)	19 (6)	
	3-006-0008	2 (51)	35 (11)	49 (15)	

Three-Way Solenoid Valve. P/N 5-050-0100 through -0114.
 Push-button Station. P/N 4-003-0001 through -0013.
 Master Pilot Cabinet. P/N 7-001-0001 through -0010.
 Selector Pilot Cabinet. P/N 7-001-0100 through -0109, -0130 through -0133.
 Master Selector Pilot Cabinet. P/N 7-001-0110 through -0113, -0134 through -0137.
 Pilot Line Supervisory Panel. P/N 7-001-0204.
 Heat Detector. P/N 4-005-0001 through -0008. 140° to 725°F (60° to 385°C).
 Vibratone Bell Mechanism. P/N 4-004-0001 through -0003.
 Gong Assembly. P/N 4-004-0004 through -0006. 4, 6, 10 in. (102, 152, 254 mm).
 Vibratone Alarm Horn. P/N 4-004-0100 through -0102.

Part Name	Part No.	Code Size	Use*
Nozzle.			
Orifice Nozzle	1-010-0275	2 to 14	TF
	1-010-0325	2 to 14	TF
	1-010-0375	2 to 14	TF
Radial Nozzle	1-010-0700	2 to 15	TF
	1-010-0800	2.5 to 110	TF
	1-010-0900	3.5 to 25	TF
	1-010-1000	5 to 32	TF
	1-010-1100	6 to 38.0	TF
	1-010-1200	6.5 to 49	TF

*Use: OLA, overhead local application; TF, total flooding.

Description	Stock No.	Orifice Code	Pipe Size	Application	System Use
Orifice Nozzle	1-037-1310	1.0, 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 2.0, 2.5, 3.0	¼ in. NPT (Female)	TF	HP, LP
Orifice Nozzle	1-037-1314	1.0, 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 2.0, 2.5, 3.0	⅜ in. Flare (Male)	TF	HP, LP
Orifice Nozzle	1-037-1309	1.0, 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 2.0, 2.2, 2.3, 2.4, 2.5, 2.6, 2.8, 2.9,	½ in. NPT (Male)	TF	HP, LP
Orifice Nozzle	1-037-1309	3.0, 3.5, 3.7, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 6.7, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 16.0	½ in. NPT (Male)	TF	HP, LP
Orifice Nozzle with Cover	1-037-1308	1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 6.7, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 16.0	½ in. NPT (Male)	TF	HP, LP
Orifice Nozzle In-Line Application	1-037-1312	1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 6.7, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 16.0	½ in. NPT (Male) Both Ends	TF	HP, LP

Description	Stock No.	Orifice Code	Pipe Size	Application	System Use
Union Orifice Nozzle	1-037-1321	0.046, 0.096, 0.104, 0.144, 0.177, 0.209, 0.281, 0.323, 0.348, 0.368	½ in. NPT (Female)	TF (Vapor Only)	LP
Union Orifice Nozzle	1-037-1323	0.086, 0.104, 0.125, 0.147, 0.219, 0.250, 0.266, 0.312, 0.391, 0.500, 0.750	1 in. NPT (Female)	TF (Vapor Only)	LP
Union Orifice Nozzle	1-037-1324	0.812	1¼ in. NPT (Female)	TF (Vapor Only)	LP
Union Orifice Nozzle	1-037-1325	0.125, 0.703, 0.750, 0.890	1½ in. NPT (Female)	TF (Vapor Only)	LP
6 in. (152 mm) Wide Angle Nozzle	1-037-1327	1.5 to 8.0 0.5 increments	½ in. NPT (Female)	TF	HP, LP
6 in. (152 mm) Wide Angle Nozzle	1-037-1328	8.5, 9.0, 9.5, 10.0, 11.0, 12.0, 13.0	¾ in. NPT (Female)	TF	HP, LP
10 in. (254 mm) Wide Angle Nozzle	1-037-1319	12.0, 13.0, 14.0, 15.0, 16.0, 18.0, 20.0	1 in. NPT (Female)	TF	HP, LP
10 in. (254 mm) Wide Angle Nozzle	1-037-1320	16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0	1¼ in. NPT (Female)	TF	HP, LP
4 in. (102 mm) Spot Nozzle	1-037-1315	1.5 to 8.0 0.5 increments	½ NPT (Female)	LA, TF	HP, LP
4 in. (102 mm) Spot Nozzle	1-037-1331	1.5 to 8.0 0.5 increments	½ in. NPT (Female)	LA, TF	HP, LP
4 in. (102 mm) Spot Nozzle	1-037-1316	8.5, 9.0, 9.5, 10.0, 11.0, 12.0, 13.0	¾ in. NPT (Female)	LA, TF	HP, LP
4 in. (102 mm) Spot Nozzle	1-037-1332	8.5, 9.0, 9.5, 10.0, 11.0, 12.0, 13.0	¾ in. NPT (Female)	LA, TF	HP, LP
5½ in. (140 mm) Spot Nozzle	1-037-1317	1.5 to 8.0 0.5 increments	½ in. NPT (Female)	LA, TF	HP, LP
5½ in. (140 mm) Spot Nozzle	1-037-1333	1.5 to 8.0 0.5 increments	½ in. NPT (Female)	LA, TF	HP, LP
5½ in. (140 mm) Spot Nozzle	1-037-1318	8.5, 9.0, 9.5, 10.0, 11.0, 12.0, 13.0	¾ in. NPT (Female)	LA, TF	HP, LP
5½ in. (140 mm) Spot Nozzle	1-037-1334	8.5, 9.0, 9.5, 10.0, 11.0, 12.0, 13.0	¾ in. NPT (Female)	LA, TF	HP, LP

Legend:

Application: TF – Total Flooding
LA – Local Application

System Use: HP – High Pressure
LP – Low Pressure

*Low Pressure Carbon Dioxide Equipment
Carbon Dioxide Storage Tank Valve*

<i>Valve Size, in. (mm)</i>	<i>Stock No.</i>
3 (76)	8-061-0317
4 (102)	8-061-0318
6 (152)	8-061-0319
8 (203)	8-061-0320