



GAMTC.EX2157 Carbon Dioxide Extinguishing System Units, Total Flooding

[Page Bottom](#)

Carbon Dioxide Extinguishing System Units, Total Flooding

[See General Information for Carbon Dioxide Extinguishing System Units, Total Flooding](#)

CHEMETRON FIRE SYSTEMS

EX2157

400 Main St
Ashland, MA 01721-2150 USA

High-pressure system units, Series 70A and 70B.

Cylinder Assembly

Nom Size, kg	Part No.
4.5	1-48-0222
6.8	1-48-0223
9.1	1-48-0224
15.9	1-48-0218
22.7	1-48-0202
3.4	1-48-0203
45.4	1-48-0204

Cylinder Valve

	Equivalent Length, m		
	Nom Pipe Size	Schedule 80	Schedule 40
Part No. C50401 with flexible connector	1/2	3.96	9.14
526263 and discharge head			
3-061-0143, 1-061-0715			
Component	Part or Model No.		
Solenoid pilot valve assembly	2-061-0015		
(24 V ac, 120 V ac, 60 Hz)	2-061-0039		
Selector valves with pneumatic actuator			
-1/2 NPT	3-061-0047		
-3/4 NPT	3-061-0048		
-1 NPT	1-061-0371		
-1-1/2 NPT	1-061-0369		
-2 NPT	1-061-0370		
Pilot control valve	1-061-0640		
Shuttle valve	1-061-0256		
Pressure switch (2) DPST	1-017-0065		

Pressure switch (2) DPST (explosion-proof)	1-017-0069
Pressure switch DPST (explosion-proof)	1-017-0070
Discharge delay timer	1-010-0039
Remote manual release pneumatic	1-071-0028, 1-071-0031
Odorizer	81-897600-000

Check Valves

Part No.	Nom Pipe Size	Equivalent Length, m	
		Schedule 80	Schedule 40
1-061-0009	1/4	-	-
1-061-0728	1/2	-	-
1-061-0329	1/2	-	11
1-061-0330	3/4	-	28
1-061-0739	1-1/2	-	-
1-061-0700	2	29	-
1-061-0702	3	37	-

Mounting Brackets

Rail Part No.	Track Part No.	Upright Part No.	Description
571219	571203	571233	3 cylinder (22.7 and 34 kg single row)
571220	571204	571233	4 cylinder (22.7 and 34 kg single row)
571221	571205	571233	5 cylinder (22.7 and 34 kg single row)
571222	571206	571233	6 cylinder (22.7 and 34 kg single row)
571326	571330	571233	3 cylinder (45.5 kg single row)
571327	571336	571233	4 cylinder (45.5 kg single row)
571328	571337	571233	5 cylinder (45.5 kg single row)
571329	571338	571233	6 cylinder (45.5 kg single row)
571220/571219	571204/571203	571233	7 cylinder (22.7 and 34 kg single row)
(2) 571220	(2) 571204	571233	8 cylinder (22.7 and 34 kg single row)
511221/511220	571205/571204	571233	9 cylinder (22.7 and 34 kg single row)
(2) 571221	(2) 571205		10 cylinder (22.7 and 34 kg single row)
571222/571221	571206/571205		11 cylinder (22.7 and 34 kg single row)
(2) 571222	(2) 571206		12 cylinder (22.7 and 34 kg single row)
571327/571326	571336/571336		7 cylinder (4.54 kg single row)
(2) 571327	(2) 571336		8 cylinder (4.54 kg single row)
571326/571327	571337/571336		9 cylinder (4.54 kg single row)
(2) 571326	(2) 571337		10 cylinder (4.54 kg single row)
571329/571328	571338/571337		11 cylinder (4.54 kg single row)
(2) 571329	(2) 571338		12 cylinder (4.54 kg single row)

Cylinder Rack

The cylinder rack is made of black enameled steel framing. Formed saddles, brackets and clamps are used to secure the cylinders to the rack. The

rack can be free-standing or wall-mounted.

Discharge Nozzles		
Part No.	Type	Size, NPS
FC41227-1, FC41227-2	Spot	1/2
A41652 through A41835	Open	1/2
A41654	Spring cover	1/2
C45999	Wide angle	1/2, 3/4
1-037-0604, 1-037-1196	1, 2, or 4 port	1/4
1-037-0605, 1-037-1197	1, 2, or 4 port	3/8
1-037-0606, 1-037-1198	1, 2, or 4 port	1/2
1-037-0607, 1-037-1199	1, 2, or 4 port	3/4
1-037-0608, 1-037-1200	1, 2, or 4 port	1
1-037-0609, 1-037-1201	1, 2, or 4 port	1-1/4
1-037-0610, 1-037-1202	1, 2, or 4 port	1-1/2
1-037-0611, 1-037-1203	1, 2, or 4 port	2

Low Pressure System Units

Tank Assemblies	
Nom Size, kg	Tank Assembly, Part No.
1134	10480192
1814	10480193
2495	10480194
3629	10480235
5443	10480236
7258	10480277
11794	10480052
15422	10480009
21773	10480018
28123	10480038

Pressure Operated Discharge Valves

Nom Pipe Size & Part No.	Connection	Equivalent Length, m	
		Schedule 80	Schedule 40
1 - No. 1-061-0371	NPS	8.84	14.33
1-3/4 - No. 1-061-0371	NPS	2.44	3.96
1-1/2 - No. 1-061-0369	NPS	14.94	21.95
2 - No. 1-061-0370	NPS	14.63	20.42
2-1/2 - No. 1-061-0733	NPS	7.01	9.45
3 - No. 1-061-0733	Flanged	22.25	30.18
3-1/2 - No. 1-061-0734	Flanged	13.41	18.59
4 - No. 1-061-0734	Flanged	28.04	36.58

5 - No. 1-061-0740	Flanged	16.76	21.34
6 - No. 1-061-0740	Flanged	43.28	56.39

Tank Shut-Off Valves

3 - No. 1-061-0994	Wafer type
4 - No. 1-061-0995	Wafer type
6 - No. 1-061-0996	Wafer type

Union Orifice Nozzle

1/2 - No. 1-037-1321	NPT
1 - No. 1-037-1323	NPT
1-1/4 - No. 1-037-1324	NPT
1-1/2 - No. 1-037-1325	NPT

Manual/Electrical Supervisory Pilot Cabinet

Pilot valve		Part No. 1-061-0794	
Cabinet Used With	Cabinet Assembly Part No.	Solenoid Valve Part No.	Solenoid Valve Current Rating
Master valve	1-010-0701	1-061-0745	120 V - 60 Hz
	1-010-0702	1-061-0746	120 V - 50 Hz
	1-010-0699	1-061-0743	120 V - dc
	1-010-0698	1-061-0707	24 V - dc
	1-010-0703	7-061-0043	120 V - 60 Hz
Master selector valve	1-010-0711	1-061-0745	120 V - 60 Hz
	1-010-0723	1-061-0746	120 V - 50 Hz
	1-010-0709	1-061-0743	120 V - dc
	1-010-0708	1-061-0707	24 V - dc
Selector valve	1-010-0713	7-061-0043	120 V - 60 Hz
	1-010-0782	1-061-0745	120 V - 60 Hz
	1-010-0781	1-061-0746	120 V - 50 Hz
	1-010-0780	1-061-0743	120 V - dc
	1-010-0779	1-061-0707	24 V - dc
	1-010-0778	7-061-0043	120 V - 60 Hz
	Component	Part No.	
Pneumatic manual release	1-010-0693		
Electrical manual release	24 V dc	1-043-0250	
	110-125, ac-dc	1-043-0171	
Control panel	70100557		
Supervisory pressure switch	15 A, 125/250 V ac	7-017-0177	
	10 A, 125 V dc, 3 A, 250 V ac	7-017-0178	
Discharge delay timer	1-010-0947		
Electric thermostats	60°C	9357775	

	71.1°C	9357776
	87.8°C	1406045
	107.2°C	1406046
	162.8°C	9357778
	232.2°C	9357779
	315.6°C	1-050-0122
	385.0°C	1-050-0123
Discharge nozzles	1/2 NPS spot	1-037-1317
	3/4 NPS spot	1-037-1318
	1/2 NPS wide angle	1-037-1327
	3/4 NPS wide angle	1-037-1328
	1 NPS wide angle	1-037-1319
	1-1/4 NPS wide angle	1-037-1320

Last Updated on 2013-06-24

[Questions?](#)

[Print this page](#)

[Terms of Use](#)

[Page Top](#)

Copyright © 2015 Underwriters Laboratories of Canada Inc.

When the UL Leaf Mark is on the product, or when the word "Environment" is included in the UL Mark, please search the [UL Environment database](#) for additional information regarding this product's certification.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under ULC's Follow-Up Service. Only those products bearing the ULC Mark should be considered to be Listed and covered under ULC's Follow-Up Service. Always look for the Mark on the product.

ULC permits the reproduction of the material contained in the ULC Online Directories subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the ULC Online Directories with permission from Underwriters Laboratories of Canada Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2015 Underwriters Laboratories of Canada Inc."

An independent organization working for a safer world with integrity, precision and knowledge.

