

FYJR.EX27524 - Carbon Dioxide Extinguishing System Units, General Use

Carbon Dioxide Extinguishing System Units, General Use

SFFECO GLOBAL FZE (Formally Saudi Factory For Fire Equipment FZCO)

EX27524

S-10833

JEBEL ALI FREE ZONE

AUTHORITY SOUTH 1

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High pressure carbon dioxide extinguishing system units, stored pressure type, having nominal charging capacities of 2.0, 4.5, 6.6, 9, 22.5, 45, 53, 66, 80, 93 and 100 kg (4.4, 10, 13, 20, 50, 100, 117, 147, 176, 205 and 220 lbs) of Carbon Dioxide. The units have an operating pressure of 58 bar (850 psi) at 21°C (70°F) with operating temperatures of -18°C to 54.4°C (0°F to 130°F).

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Discharge components

Devices	Part No.	Nom Pipe Size In.	Equivalent Length Ft	
			Schedule 40	Schedule 80
Master Valve- Solenoid Type	SFD-CDES-DC-01	12 (1/2)	10	—
Master Valve- Differential Type	SFD-CDES-DC-02	12 (1/2)	9	—
Slave Type	SFD-CDES-DC-03	12 (1/2)	10	—
Master Valve (Primary)	SFD-CDES-DC-04	12 (1/2)	10	—
Slave Valve (Secondary)	SFD-CDES-DC-05	12 (1/2)	10	—
Master Valve (Primary) [-18°C to 50°C]	SFD-CDES-DC-04A	12 (1/2)	84.8	—
Flexible Discharge Hose	SFD-CDES-DC-06	12 (1/2)	2	—
Check Valve with Flexible Discharge Hose	SFD-CDES-DC-07	12 (1/2)	10	—
Flexible Interconnecting Hose	SFD-CDES-DC-08	6 (1/4)	21	—
Non-Return Valve	SFD-CDES-DC-09	12 (1/2)	10	—
Non-Return Valve	SFD-CDES-DC-10	12 (1/2)	16	—
Direction Valve, Size: 1 in.	SFD-CDES-DC-11	1	1	1
Direction Valve, Size: 1-1/4 in.	SFD-CDES-DC-12	1-1/4	1.4	1.4
Direction Valve, Size: 1-1/2 in.	SFD-CDES-DC-13	1-1/2	1.5	1.5

Direction Valve, Size: 2 in.	SFD-CDES-DC-14	2	2	2
Lock Out Valve, Size: 1 in.	SFD-CDES-DC-15	1	1	1
Lock Out Valve, Size: 1-1/4 in.	SFD-CDES-DC-16	1-1/4	1.4	1.4
Lock Out Valve, Size: 1-1/2 in.	SFD-CDES-DC-17	1-1/2	1.5	1.5
Lock Out Valve, Size: 2 in.	SFD-CDES-DC-18	2	1.6	1.6
Inline Check Valve	SFD-CDES-DC-19	50 (2)	9.0	7.0
Inline Check Valve	SFD-CDES-DC-20	25 (1)	12.0	10.0
Inline Check Valve	SFD-CDES-DC-21	32 (1-1/4)	16.0	14.0
Inline Check Valve	SFD-CDES-DC-22	40 (1-1/2)	22.0	18.0
Bleeder Valve	SFD-CDES-DC-23	50 (2)	—	—
Safety Release Valve	SFD-CDES-DC-24	9 (3/8)	—	—
Pressure switch	SFD-CDES-DC-25	12 (1/2)	—	—


Actuation components

Devices	Part No.
Canister	SFD-CDES-AC-01
Manual Actuator	SFD-CDES-AC-02
Pressure Operated Siren	SFD-CDES-AC-03
Time Delay Unit	SFD-CDES-AC-04

Miscellaneous equipment

Devices	Part No.
Battery frame unit	
Single Row Cylinder battery frame unit with Manifold	SFD-CDES-ME-01-xx [a]
Double Row Cylinder battery frame unit with Manifold	SFD-CDES-ME-02-xx [a]
Air Connection Assembly	SFD-CDES-ME-08
Weight Loss Unit - Mechanical	SFD-CDES-ME-09

[a] - Where xx – indicates number of cylinders.

Trademark and/or tradename: 

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