



FYJR.EX27524 Carbon Dioxide Extinguishing System Units, General Use

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See General Information for Carbon Dioxide Extinguishing System Units, General Use

SAUDI FACTORY FOR FIRE EQUIPMENT FZCO

EX27524

S-10833

JEBEL ALI FREE ZONE

AUTHORITY SOUTH 1

DUBAI, 261281 UNITED ARAB EMIRATES

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 and 100 kg (4.4, 10, 13, 20, 50, 100, 117, 147, 176 and 220 lbs) of Carbon Dioxide. The units have an operating pressure of 58 bar (850 psi) at 210C (70°F) with operating temperatures of -18°C to 54.4°C (0°F to 130°F).

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 | — |
| Master Valve- Slave Type | SFD-CDES-DC-03 | 12 (1/2) | 10 | — |
| Master Valve- Solenoid Type | SFD-CDES-DC-04 | 12 (1/2) | 10 | — |
| Master Valve - Differential Type | SFD-CDES-DC-05 | 12 (1/2) | 10 | — |
| 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 | |
| Two Cylinder battery frame unit with Manifold | SFD-CDES-ME-01 |
| Three Cylinder battery frame unit with Manifold | SFD-CDES-ME-02 |
| Four Cylinder battery frame unit with Manifold | SFD-CDES-ME-03 |
| Five Cylinder battery frame unit with Manifold | SFD-CDES-ME-04 |
| Six Cylinder battery frame unit with Manifold | SFD-CDES-ME-05 |
| Double Row Cylinder battery frame unit suitable for 10 cylinder unit with Manifold | SFD-CDES-ME-06 |
| Double Row Cylinder battery frame unit suitable for 12 cylinder unit with Manifold | SFD-CDES-ME-07 |
| Air Connection Assembly | SFD-CDES-ME-08 |
| Weight Loss Unit - Mechanical | SFD-CDES-ME-09 |

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