

Co2 FIRE EXTIGUISHING SYSTEM

TECHNICAL DATA SHEET

Technical Datasheet

Co2 Fire Suppression System



STORAGE CONTAINER



Technical Details:

PESO APPROVED / UL LISTED

CO2 CYLINDER – 68 LTRS.	
Standard	IS 7285, UL 1254, UL 2166
Material	37mng Manganese Steel
Cylinder Diameter	267 mm
Cylinder Neck Thread	3/4" NGT/ 25E
Filling Density	0.667 Kg/ Ltrs. Maximum
Temperature Ratings	-20°C to +55° C
Test Pressure	Min 250 Bar

CYLINDER SLAVE VALVE



Technical Details:		CE/π/UL/VDS/PESO
SLAVE VALVE	EKC00005	
Make	EKC	
Standard	UL 2127, NFPA 12	
Material	Brass, Stainless Steel, Elastomeric material	
Threads	Inlet: 3/4" NGT, Outlet: 7/8" UNF	
Temperature Ratings	-18°C to +54.4°C	
Test Pressure	207 Bar	

FLEXIBLE DISCHARGE HOSE



Technical Details:

CE/π/UL/VDS/PESO

FLEXIBLE DISCHARGE HOSE	EKC00006
Make	EKC
Standard	UL 2127, NFPA 12
Material	Hose: Flexible Wire Braided Rubber End Fittings: Stainless Steel
Threads	7/8" UNF (F) x 7/8" UNF (F)
Temperature Ratings	-18°C to +54.4°C
Test Pressure	180 Bar

CHECK VALVE WITH FLEXIBLE DISCHARGE HOSE



Technical Details:

CE/π/UL/VDS/PESO

CHECK VALVE WITH FLEXIBLE DISCHARGE HOSE	EKC00007
Make	EKC
Standard	UL 2127, NFPA 12
Material	Hose: Flexible Wire Braided Rubber End Fittings: Stainless Steel
Threads	3/4" BSP (M) X 7/8" UNF (F)
Temperature Ratings	-18°C to +54.4°C
Test Pressure	180 Bar

FLEXIBLE INTERCONNECTING HOSE



Technical Details:

CE/UL/VDS/PESO

FLEXIBLE INTERCONNECTING HOSE	EKC00008
Make	EKC
Standard	UL 2127, NFPA 12
Material	Hose: Flexible Wire Braided Rubber End Fittings: Stainless Steel
Threads	3/8" BSP (M) X 3/8" BSP (M)
Temperature Ratings	-18°C to +54.4°C
Test Pressure	180 Bar

NON RETURN VALVE

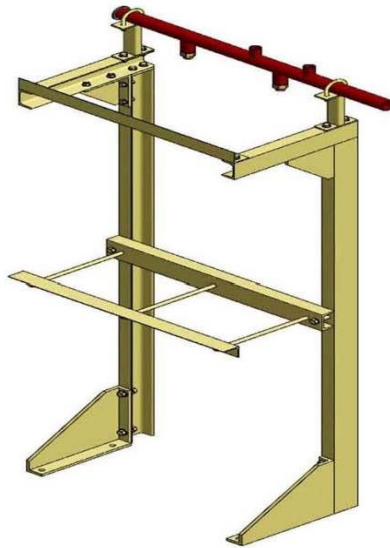


Technical Details:

CE/π/UL/VDS/PESO

NON RETURN VALVE	EKC00010
Make	EKC
Standard	UL 2127, NFPA 12
Material	Stainless Steel, Elastomeric Material
Threads	7/8"UNF (M) x 3/4" BSP (M)
Temperature Ratings	-18°C to +54.4°C
Test Pressure	180 Bar

SINGLE ROW CYLINDER BATTERY FRAME UNIT WITH MANIFOLD

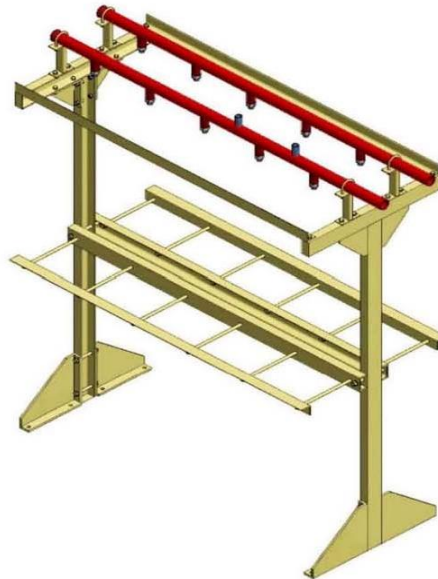


Technical Details:

CE/IT/UL/VDS/PESO

SINGLE ROW CYLINDER BATTERY FRAME UNIT WITH MANIFOLD	EKC00011-xx
Make	EKC
Standard	UL 2127, NFPA 12
Material	Battery Frame : Mild Steel Manifold : Carbon Steel Seamless Pipe
Temperature Ratings	-18°C to +54.4°C
Test Pressure	207 Bar

DOUBLE ROW CYLINDER BATTERY FRAME UNIT WITH MANIFOLD



Technical Details:

CE/π/UL/VDS/PESO

DOUBLE ROW CYLINDER BATTERY FRAME UNIT WITH MANIFOLD	EKC00016-xx
Make	EKC
Standard	UL 2127, NFPA 12
Material	Battery Frame : Mild Steel Manifold : Carbon Steel Seamless Pipe
Temperature Rating	-18°C to +54.4°C
Test Pressure of Manifold	207 Bar

BLEEDER VALVE



Technical Data:

CE/π/UL/VDS/PESO

BLEEDER VALVE	EKC00049
Make	EKC
Standard	UL 2127, NFPA 12
Material	Stainless Steel
Threads	3/8" BSP (M)
Temperature Ratings	-18°C to +54.4°C
Test Pressure	180 Bar
Leakage Pressure	Closes above 1.4 Bar

WEIGHT LOSS UNIT-MECHANICAL



Technical Details:

CE/π/UL/VDS/PESO

WEIGHT LOSS UNIT-MECHANICAL	EKC00058
Make	EKC
Standard	UL 2127, NFPA 12
Material	Mild Steel
Audio Visual Alarm	Starts on Weight Loss of 10% and above
Temperature Ratings	-18°C to +54.4°C
Operating Voltage	24VDC
Contact Ratings	24 VDC/0.5 A

PRESSURE SWITCH



Technical Details:

CE/π/UL/VDS/PESO

PRESSURE SWITCH	EKC00066
Make	EKC
Standard	UL 2127, NFPA 12
Material	St
Threads	1/2" BSP (M)
Temperature Rating	-18°C to +54.4°C
Test Pressure	180 Bar
Operating Pressure	Operates ≥ 5 Bar

Technical Datasheet

Co2 Fire Suppression System



Cylinder Master Valve & N₂ Actuation



Technical Details:

CE/π/UL/VDS/PESO

PRESSURE SWITCH	EKC00068
Make	EKC
Standard	NFPA 12, IS 7285, UL 1254, UL 2166
Material	Master Valve Made out of Brass/SS304G
Input Supply	24V, 5A DC
Temperature Rating	-18° C to +54.4°C
Test Pressure	Min 250 Bar, Maganatic Actuation
Operating Pressure	Min 250 Bar, Maganatic Actuation

FIRECEASE

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