

CERTIFICATE OF COMPLIANCE

Certificate Number 20140505-EX15997
Report Reference EX15997-20140219
Issue Date 2014-MAY-05

Issued to: SAUDI FACTORY FOR FIRE EQUIPMENT CO
2ND INDUSTRIAL AREA, AL-KHARJ RD
PO BOX 58469, RIYADH, 11515, SA


This is to certify that representative samples of Clean Agent Extinguishing System Units
SF-90225-DS

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 2166 - Standard For Halocarbon Clean Agent Extinguishing System Units

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service.

The UL Listing Mark generally includes the following elements: the symbol UL in a circle:  with the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.



William R. Carney, Director, North American Certification Programs
UL LLC

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CERTIFICATE OF COMPLIANCE

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2ND INDUSTRIAL AREA, AL-KHARJ RD
PO BOX 58469, RIYADH, 11515, SA


This is to certify that representative samples of Clean Agent Extinguishing System Units
SF-92221-FM

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 2166, Halocarbon Clean Agent Extinguishing System Units

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

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QWZU.EX16126 Centrifugal Fire Pumps, End Suction

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Centrifugal Fire Pumps, End Suction

[See General Information for Centrifugal Fire Pumps, End Suction](#)

SAUDI FACTORY FOR FIRE EQUIPMENT EST

EX16126

S-1083

JEBEL ALI FREE ZONE AUTHORITY SOUTH

DUBAI, 261281 UNITED ARAB EMIRATES

Fire pumps, single stage.

Rated Capacity GPM	Size In.	Model Dsg	Rated Net Pressure Range psi	Approx Speed RPM	Max Working Pressure psi
50	2 x 1-1/4	GME 32-20	68-87	2900	230
50	2 x 1-1/4	GME 32-20	101-129	3500	230
50	2 x 1-1/4	GME 32-26	115-140	2900	230
50	2 x 1-1/4	GME 32-26	163-206	3500	230
100	2 x 1-1/4	GME 32-20	119	3500	230
100	2 x 1-1/4	GME 32-26	159-195	3500	230
100	2-1/2 x 2	GME 50-20	104-128	3500	230
100	2-1/2 x 1-1/2	GME 40-26	109-134	2900	230
100	2-1/2 x 1-1/2	GME 40-26	116-143	3000	230
100	2-1/2 x 1-1/2	GME 40-26	162-198	3500	230
150	2-1/2 x 1-1/2	GME 40-26	124	2900	230
150	2-1/2 x 1-1/2	GME 40-26	107-135	3000	230
150	2-1/2 x 1-1/2	GME 40-26	156-191	3500	230
150	2-1/2 x 2	GME 50-20	102-126	3500	230
200	2-1/2 x 2	GME 50-20	96-120	3500	230
200	3 x 2-1/2	GME 65-26	115-136	2900	230
250	3 x 2-1/2	GME 65-26	113-134	2900	230
300	3 x 2-1/2	GME 65-26	110-132	2900	230
400	4 x 3	GME 80-26	110-133	2900	230
400	4 x 3	GME 80-26H	113-191	3500	240
400	4 x 3	GME 80-32H	158-200	2900	250
450	4 x 3	GME 80-26	109-132	2900	230
450	4 x 3	GME 80-26H	188	3500	240
450	4 x 3	GME 80-32H	154-198	2900	250
500	4 x 3	GME 80-26	108-131	2900	230
500	4 x 3	GME 80-26H	185	3500	240
500	4 x 3	GME 80-32H	149-194	2900	250

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QXJY.EX16127 Centrifugal Fire Pumps, Split Case

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Centrifugal Fire Pumps, Split Case

[See General Information for Centrifugal Fire Pumps, Split Case](#)**SAUDI FACTORY FOR FIRE EQUIPMENT EST**

EX16127

S-1083

JEBEL ALI FREE ZONE AUTHORITY SOUTH

DUBAI, 261281 UNITED ARAB EMIRATES

Fire pumps, single stage

Rated Capacity (gpm)	Size (in.)	Model Dsg	Rated Net Pressure Range (psi)	Approx Speed (rpm)	Max Working Pressure (psi)
500	5 x 3	GMS 125-80-370	134-233	2900	290

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GAQF.EX15997 Clean Agent Extinguishing System Units

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Clean Agent Extinguishing System Units

[See General Information for Clean Agent Extinguishing System Units](#)**SAUDI FACTORY FOR FIRE EQUIPMENT CO**

EX15997

2ND INDUSTRIAL AREA
AL-KHARJ RD
PO BOX 58469
RIYADH, 11515 SAUDI ARABIA

ENGINEERED UNITS, Models SF90035-E, -90070-E, -90150-E, -90250-E, -90375-E, -90560-E and -91200-E HFC-227ea Clean Agent Extinguishing System Units, stored pressure type, having nominal charging capacities of 35, 70, 150, 250, 375, 560 and 1200 lb HFC-227ea Clean Agent, respectively. These units are super-pressurized to 360 psig with operating temperatures of 32 F to 130 F. The units are designed for total flooding protection against Class A surface burning, Class B flammable liquid and Class C fires occurring within an enclosure.

These above system units are intended to be designed and installed in accordance with the Listee's Design and Installation Operation and Maintenance Manual, P/N SF-90225-D dated July 02, 2011. These installations require the use of the Listee's Flow Calculation Software, Version SF3.10 (Reference Software User's Manual dated August 2011). Copies of the software and manuals may be obtained from the above Listee.

PRE-ENGINEERED UNITS, Models SF-3, -6, -12 Clean Agent Extinguishing System Units, stored pressure type, having nominal charging capacities of 3, 6, 12, 18 lb of HFC-227ea Clean Agent, respectively. These units are super-pressurized to 240 psig with operating temperatures of 32 F to 130 F. The units are designed for total flooding protection against Class A surface burning, Class B flammable liquid and Class C fires occurring within an enclosure.

Models SF-35, -70, -140, -240, -360, -520 Clean Agent Extinguishing System Units, stored pressure type, having nominal charging capacities of 70, 140, 240, 360, and 520 lb of HFC-227ea Clean Agent, respectively. These units are super-pressurized to 360 psig with operating temperatures of 32 F to 130 F. The units are designed for total flooding protection against Class A surface burning, Class B flammable liquid and Class C fires occurring within an enclosure.


These system units are intended to be designed and installed in accordance with the Listee's Design and Installation Operation and Maintenance Manual, P/N SF-LP-SYS1 dated July 02, 2011.

ENGINEERED UNITS 3M™ Novec™ 1230 Fire Protection Fluid (dodecafluoro-2-methylpentan-3-one) Extinguishing System Units, stored pressure type, having nominal charging capacities of 38, 65, 130, 277, 395 and 895 lb (17.2, 29.5, 59.1, 125.9, 179.5 and 406.8 kg) of Novec™ 1230 Fluid, respectively. The units are pressurized to 25 bar (360 psig) with operating temperatures of 0 F to 130 F. The units are designed for total flooding protection against Class A surface burning, Class B flammable liquid and Class C fires occurring within an enclosure.

A description of these extinguishing system units, and the design and installation limitations are contained in the Listee's installation manual P/N SF-FECO 1230 360 Eng issued April 2009 and Sevo VDS software Novec -Calculationprogram Version 7.2. Copies are available from the above Listee.

AGENT STORAGE CONTAINER ASSEMBLY

Weight of Agent (Lbs)	Part No.
15-38	SF 1230-038
26-65	SF 1230-065
52-130	SF 1230-130
111-277	SF 1230-277
157-394	SF 1230-395
366-854	SF 1230-850

Trademark and/or Tradename: 

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GVTV7.R22310
Fire Door and Window Frames Certified for Canada

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Fire Door and Window Frames Certified for Canada

[See General Information for Fire Door and Window Frames Certified for Canada](#)

SAUDI FACTORY FOR FIRE EQUIPMENT CO

R22310

2ND INDUSTRIAL AREA
AL-KHARJ RD
PO BOX 58469
RIYADH, 11515 SAUDI ARABIA

Door frames: Welded three sided single frames for use in 3/4, 1-1/2, 3 hr locations. Maximum size of frame: 1200 mm in width and 2261 mm in height.

Door frames: Welded three sided pair type frames for use in 3/4, 1-1/2, 3 hr locations. Maximum size of frame: 2313 mm in width and 2269 mm in height.

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**GVTV.R22310**
Fire Door and Window Frames[Page Bottom](#)

Fire Door and Window Frames[See General Information for Fire Door and Window Frames](#)**SAUDI FACTORY FOR FIRE EQUIPMENT CO**

R22310

2ND INDUSTRIAL AREA
AL-KHARJ RD
PO BOX 58469
RIYADH, 11515 SAUDI ARABIA

Door Frames for use as a component in fire door assemblies that meet the requirements of UL10C:

Three sided steel frame with or without transoms (single swing or pair).

Door Frames for use as a component in fire door assemblies that meet the requirements of UL10B (neutral pressure):

Three sided frames with or without transom (single swing or pair).

[Last Updated](#) on 2007-01-19

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**QXZF.EX15957
Fire Pump Motors**

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Fire Pump Motors

See General Information for Fire Pump Motors

SAUDI FACTORY FOR FIRE EQUIPMENT CO
2ND INDUSTRIAL AREA
AL-KHARJ RD
PO BOX 58469
RIYADH, 11515 SAUDI ARABIA

EX15957

Model or Cat. No.	Volts	Amps	HP	Hz	PH	Insulation Class	Rated Ambient, °C	Spacings per ANSI/UL 840						
								Pollution Degree	Overvoltage Category					
Frame 143T to 587T incl., IEC Frame 90 to 355 incl.						190, 200, 208, 220, 230, 240, 380, 400, 415, 440, 460, 480, 575, 600, 115/208 230, 208 230, 208 230/460, 190/380, 200/400, 380-415/460, 220/380/440, 230/400V, 220/380	—	500 maximum	50, 60 or 50/60	3	F or H	40	—	—
Designated Motor Model 1 through 9; followed by U; followed by T; followed by 0 or E; followed by D, F, I, J, L, P, 2, ?,] or +; followed by C or F; followed by A, D, G, H, I, J, K, M, N, P, 3 or 4; followed by I or N; followed by M, P or X; followed by H, N, P, T, or X; followed by three digits; followed by 02, 04 or 06; may be followed by E, O, or P; may be followed by additional letters or numbers; may be followed by Z.											40			
Frame 143T to 587T incl., IEC Frame 90 to 355 incl.						190, 200, 208, 220, 230, 240, 380, 400, 415, 440, 460, 480, 575, 600, 115/208 230, 208 230, 208 230/460, 190/380, 200/400, 380-415/460, 220/380/440, 230/400, 220/380	—	500 maximum	50, 60 or 50/60	3	F or H	40	—	—
Designated Motor Model T; followed by O or E; followed by 0+, 0F, 0I, 0J, 0O, 0P; followed by C or F; followed by 04, 0D, 0G, 0H, 0I, 0J, 0K, 0L, 0M, 0N, 0P, 0Q, 0R, 0T, 0U or 0X; followed by 0A, 0C, 0D, 0E, 0F, 0H, 0I, 0J, 0K, 0L, 0M, 0N, 0P, 0R, 0S, 0T, 0W, or 0X; followed by 00001, 00003 or 00009; followed by 00001 through 99999.											40			
Frame 143T to 587T incl., IEC Frame 90 to 355 incl.						190, 200, 208, 220, 230, 240, 380, 400, 415, 440, 460, 480, 575, 600, 115/208 230, 208 230, 208 230/460, 190/380, 200/400, 380-415/460, 220/380/440, 230/400, 220/380	—	500 maximum	50, 60 or 50/60	3	F or H	50 max	—	—
Designated Motor Model T; followed by O; followed by 0+, 0I, 0J, 0O, 0P; followed by C or F; followed by 04, 0D, 0G, 0H, 0I, 0J, 0K, 0L, 0M, 0N, 0P, 0Q, 0R, 0T, 0U or 0X; followed by 0A, 0C, 0D, 0E, 0F, 0H, 0I, 0J, 0K, 0L, 0M, 0N, 0P, 0R, 0S, 0T, 0W, or 0X; followed by 00001, 00003 or 00009; followed by 00001 through 99999, followed by 50.											50 max			
Frame 143T to 587T incl., IEC Frame 90 to 355 incl.						190, 200, 208, 220, 230, 240, 380, 400, 415, 440, 460, 480, 575, 600, 115/208 230, 208 230, 208 230/460, 190/380, 200/400,	—	500 maximum	50, 60 or 50/60	3	F or H	50 max	—	—

	380-415/460, 220/380/440, 230/400, 220/380												
Designated Motor Model T; followed by E; followed by 0+, 0F 0I, 0J, 0O, 0P; followed by C or F; followed by 04, 0D, 0G, 0H, 0I, 0J, 0K, 0L, 0M, 0N, 0P, 0Q, 0R, 0T, 0U or 0X; followed by 0A, 0C, 0D, 0E, 0F, 0H, 0I, 0J, 0K, 0L, 0M, 0N, 0P, 0R, 0S, 0T, 0W, or 0X; followed by 00001, 00003 or 00009; followed by 00001 through 99999, followed by 50.										50 max			

Last Updated on 2011-06-14

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GFGV.EX6069 Foam Liquid Concentrates

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Foam Liquid Concentrates

[See General Information for Foam Liquid Concentrates](#)

SAUDI FACTORY FOR FIRE EQUIPMENT CO

EX6069

2ND INDUSTRIAL AREA
AL-KHARJ RD
PO BOX 58469
RIYADH, 11515 SAUDI ARABIA

SFFECO Foam 3 percent AFFF SF3, nominal 3 percent Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels only.

SFFECO Foam 6 percent AFFF SF6, nominal 6 percent Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels only.

SF-HP AFFF 3%, nominal 3 percent, Aqueous Film Forming Foam, 35 F minimum storage and use temperature. Hydrocarbon fuels only.

SF-HP AFFF 6%, nominal 6 percent, Aqueous Film Forming Foam, 35 F minimum storage and use temperature. Hydrocarbon fuels only.

SF-HP FP 3%, nominal 3 percent Fluoroprotein, 35 F minimum storage and use temperature. Hydrocarbon fuels only.

SF-HP FP 6%, nominal 3 percent Fluoroprotein, 35 F minimum storage and use temperature. Hydrocarbon fuels only.

SF-HPAR-AFFF 3/3, +35 F minimum storage and use temperature. Hydrocarbon fuels at 3 percent. Polar solvent fuels at 3 percent.

SF-HPAR-AFFF 3/6, +35 F minimum storage and use temperature. Hydrocarbon fuels at 3 percent. Polar solvent fuels at 6 percent.

SFFECO 3 PERCENT AFFF SF3, 3 PERCENT

PROPORTIONERS-PORTABLE IN-LINE INDUCTORS

National Foam Inc., Model HLP-9M, 1-1/2 in. size, set at 3, inlet pressure of 180 psi with 50 ft of 1-1/2 in. hose between inductor and National Model JS-10 nozzle.

PROPORTIONERS-BLADDER TANKS WITH CONTROLLERS

Chemguard Inc. bladder tanks with the following controllers:

Description	Controller Size In.	Orifice Size In.	Flow GPM
Chemguard Inc.	2-1/2	0.252	43-400
Chemguard Inc.	3	0.365	70-752
Chemguard Inc.	4	0.485	200-1610
Chemguard Inc.	6	0.700	308-3019
Chemguard Inc.	8	0.975	499-4401

NOZZLES

Description	Size In.	Inlet Pressure psi
National Foam Inc., Model JS-10	1-1/2	80

SPRINKLERS

Fuel	Style	Min Application Rate GPM/Sq Ft	Min Inlet Pressure psi

Reliable Automatic Sprinkler Co., Model G, Standard Orifice (1/2 in.)			
Hydrocarbons	Pendent	0.16	7.0

SFFECO FOAM 6 PERCENT AFFF SF6, 6 PERCENT

PROPORTIONERS-PORTABLE IN-LINE INDUCTORS

National, Model HLP-9M, 1-1/2 in. size, set at 6, inlet pressure of 190 psi with 50 ft of 1-1/2 in. hose between inductor and National, Model JS-10 nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
National, Model JS-10	1-1/2	76

SF-HP AFFF 3%, 3 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Angus Fire Armour, Model UNI225, 2-1/2 in. size, set at 3, inlet pressure of 92.5 psi with 148 ft of 1-1/2 in. hose between inductor and Angus Fire Armour, Model F225U nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
Angus Fire Armour, Model F225U	2-1/2	50

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure psi	Back Pressure psi
Angus, Model IND-40	1-1/2	0.16(4 mm)	142	81

PROPORTIONERS-BLADDER TANK WITH CONTROLLER

Description	Controller Size In.	Orifice Size In.	Flow GPM
Arrow Tank Engineering	3	0.354	300-900

SPRINKLERS

Fuel	Style	Min Application Rate GPM/Sq Ft	Min Inlet Pressure psi
Tyco Fire, Model B1			
Hydrocarbons	Pendant	0.16	30

FOAM MONITORS

Monitor	Nozzle	Type	Nozzle Inlet Pressure, psi
Newage Industries, FM 500	AFN-500	Self-Inducting	100
Newage Industries, FM 750	AFN-750	Self-Inducting	100
Newage Industries, FM 1000	AFN-1000	Self-Inducting	100
Newage Industries, FM 2000	AFN-2000	Self-Inducting	100
Newage Industries, FM 1000	AFN-1000	for use with Model 1000 JRCP	100
Newage Industries, FM 2000	AFN-2000	for use with Model 2000 JRCP	100
Shah Bhogilal, AAAG FM 500	500 GPM	Self-Inducting	100
Shah Bhogilal, AAAG FM 750	750 GPM	Self-Inducting	100
Shah Bhogilal, AAAG FM 1000	1000 GPM	Self-Inducting	100

Shah Bhogilal, AAAG FM 500	750 GPM	for use with Model AAAG 750 JRC	100
Shah Bhogilal, AAAG FM 500	1000 GPM	for use with Model AAAG 1000 JRC	100

SF-HP AFFF 6%, 6 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Angus Fire Armour, Model UNI225, 2-1/2 in. size, set at 6, inlet pressure of 142 psi with 100 ft of 1-1/2 in. hose between inductor and Angus Fire Armour, Model F225HU nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
Angus Fire Armour, Model F225HU	2-1/2	85

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure psi	Back Pressure psi
Angus, Model IND-40	1-1/2	0.16(4 mm)	131	81

PROPORTIONERS-BLADDER TANK WITH CONTROLLER

Description	Controller Size In.	Orifice Size In.	Flow GPM
Arrow Tank Engineering	3	0.502	310-920

SPRINKLERS

Fuel	Style	Min Application Rate GPM/Sq Ft	Min Inlet Pressure psi
Tyco Fire , Model B1			
Hydrocarbons	Pendant	0.16	30

SF-HP FP 3%, 3 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Angus Fire (UK), Model UNI225, 2-1/2 in. size, set at 3, inlet pressure of 100 psi with 45m of 1-1/2 in. hose between inductor and Angus Fire (UK), Model F225U nozzle

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure psi	Back Pressure psi
Angus, Model IND-40	1-1/2	0.16(4mm)	142	82

NOZZLES

Description	Size In.	Inlet Pressure psi
Angus Fire (UK), Model F225U	2-1/2	60

SPRINKLERS

Fuel	Style	Min Application Rate GPM/Sq Ft	Min Inlet Pressure psi
Tyco Fire, Model B1			
Hydrocarbons	Pendant	0.16	30

SF-HP FP 6%, 6 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Angus Fire (UK), Model UNI225, 2-1/2 in. size, set at 6, inlet pressure of 100 psi with 15m of 1-1/2 in. hose between inductor and Angus Fire (UK), Model F225U nozzle.

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure psi	Back Pressure psi
Angus, Model IND-40	1-1/2	0.16(4 mm)	131	82

NOZZLES

Description	Size In.	Inlet Pressure psi
Angus Fire (UK), Model F225U	2-1/2	60

SPRINKLERS

Fuel	Style	Min Application Rate GPM/Sq Ft	Min Inlet Pressure psi
Tyco Fire, Model B1			
Hydrocarbons	Pendant	0.16	30

SF-HPAR-AFFF 3/3%, 3 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Angus Fire (UK), Model UNI225, 2-1/2 in. size, set at 3AR, inlet pressure of 93 psi with 30m of 1-1/2 in. hose between inductor and Angus Fire (UK), Model F225U nozzle

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure psi	Back Pressure psi
Angus, Model IND-40	1-1/2	0.19(4.7mm)	160	87

NOZZLES

Description	Size In.	Inlet Pressure psi
Angus Fire (UK), Model F225U	2-1/2	52

FIXED FOAM DISCHARGE OUTLETS

Description	Orifice Diam In.	Inlet Pressure psi
Angus, Model TPS-50MKV	0.59(15mm)	87

Where:

Fuel	Min Application Rate, GPM/ft ²
Alc (Alcohols)	0.24

SF-HPAR-AFFF 3/6%, 3 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Angus Fire (UK), Model UNI225, 2-1/2 in. size, set at 3AR, inlet pressure of 90 psi with 30m of 1-1/2 in. hose between inductor and Angus Fire (UK), Model F225U nozzle

NOZZLES

Description	Size In.	Inlet Pressure psi

Description	Size In.	Inlet Pressure psi
Angus Fire (UK), Model F225U	2-1/2	52

SF-HPAR-AFF 3/6%, 6 PERCENT

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure psi	Back Pressure psi
Angus, Model IND-40	1-1/2	0.36(9.2mm)	109	73

FIXED FOAM DISCHARGE OUTLETS

Description	Orifice Diam In.	Inlet Pressure psi
Angus, Model TPS-50MKV	0.58(14.8mm)	73

Where:

Fuel	Min Application Rate, GPM/ft ²
Alc (Alcohols)	0.18

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GSYX7.R22331 Swinging-type Fire Doors Certified for Canada

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Swinging-type Fire Doors Certified for Canada

[See General Information for Swinging-type Fire Doors Certified for Canada](#)**SAUDI FACTORY FOR FIRE EQUIPMENT CO**

R22331

2ND INDUSTRIAL AREA
AL-KHARJ RD
PO BOX 58469
RIYADH, 11515 SAUDI ARABIA

Swinging doors may be provided as follows:

Max Rating	Door Type	Steel Stiffened	Steel Covered Mineral Core Composite	Honeycomb Hollow Metal	Honeycomb Sheet Metal
3 Hr	Single with Single Point Lock/Rim, Mortise Fire Exit Hardware 450°F Temperature Rise	X	—	—	—
1 Hr	Single with Single Point Lock / Rim, Mortise Fire Exit Hardware 450 F (218 C) Temp Rise DoorPair with Astragal Single Point Lock, Mortise Fire Exit Hardware, Flush Bolts / Vertical Rod Fire Exit Hardware 450 F temp Rise Door	X	—	—	—

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GSZN.R22331 Swinging-type Fire Doors, Positive-pressure Tested

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Swinging-type Fire Doors, Positive-pressure Tested

[See General Information for Swinging-type Fire Doors, Positive-pressure Tested](#)**SAUDI FACTORY FOR FIRE EQUIPMENT CO**

R22331

2ND INDUSTRIAL AREA
AL-KHARJ RD
PO BOX 58469
RIYADH, 11515 SAUDI ARABIA

Swinging doors may be provided as follows:

Max Rating	Door Type	Category A Steel Stiffened	Category A Steel Covered Mineral Core Composite	Category A Honeycomb Hollow Metal	Category A Honeycomb Sheet Metal
3 Hr	Single with Single Point Lock/Rim, Mortise Fire Exit Hardware 450°F Temperature Rise	X/S	—	—	—
1 Hr	Single with Single Point Lock / Rim, Mortise Fire Exit Hardware 450 F Temp Rise Door Pair with Astragal Single Point Lock, Mortise Fire Exit Hardware, Flush Bolts / Vertical Rod Fire Exit Hardware 450 F Temp Rise Door	X/S	—	—	—

"X" denotes a product which is Classified in accordance with UL 10C.

"S" denotes a product which is additionally investigated in accordance with ANSI/UL 1784, "Air Leakage Tests of Door Assemblies," and determined to have an air leakage rate of the door assembly not exceeding 3.0 cfm per square foot of door opening at 0.10 inch of water for both ambient and 400°F temperature conditions, per NFPA 105.

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GSYX.R22331 Swinging-type Fire Doors

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Swinging-type Fire Doors

[See General Information for Swinging-type Fire Doors](#)**SAUDI FACTORY FOR FIRE EQUIPMENT CO**

R22331

2ND INDUSTRIAL AREA
AL-KHARJ RD
PO BOX 58469
RIYADH, 11515 SAUDI ARABIA

Swinging doors may be provided as follows:

Max Rating	Door Type	Steel Stiffened	Steel Covered Mineral Core Composite	Honeycomb Hollow Metal	Honeycomb Sheet Metal
3 Hr	Single with Single Point Lock/Rim, Mortise Fire Exit Hardware 450°F Temperature Rise	X	—	—	—
1 Hr	Single with Single Point Lock/Rim, Mortise Fire Exit Hardware 450 F Temp Rise DoorPair with Astragal Single Point Lock, Mortise Fire Exit Hardware, Flush Bolts / Vertical Rod Fire Exit Hardware 450 F Temp Rise Door	X	—	—	—

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HBOR.EX16453 Hydrants

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Hydrants

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SAUDI FACTORY FOR FIRE EQUIPMENT FZCO

EX16453

S-1083

JEBEL ALI FREE ZONE AUTHORITY SOUTH

DUBAI, 261281 UNITED ARAB EMIRATES

Base-valve design:

Model	Base-valve Size, in.	Hose Outlet (No. of Outlets), in.	Pumper Outlet (No. of Outlets), in.	Rated Pressure, psig
SF-F-06	5-1/4	(2) 2-1/2	(1) 4-1/2	250

Model SF-F-06 hydrant may be supplied with a 2-1/2 in. flanged monitor elbow.

The Model SF-F-06 is a "traffic type" when equipped with a breakaway traffic flange.

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