

# GAQF.EX6264 - CLEAN-AGENT EXTINGUISHING SYSTEM UNITS

## Clean-agent Extinguishing System Units

See General Information for Clean-agent Extinguishing System Units

**SAFETY HI-TECH SRL**

EX6264

VIA CAVOUR 96

67051 AVEZZANO, AQ ITALY

**ENGINEERED UNITS**, NAF S 1230 Series - Model SHFKBCA175 and SHFKBCA240NAF S 1230 (FK-5-1-12) Clean Agent Extinguishing System Units, stored pressure type, having nominal capacities of 175L and 240 Liters. These units are super-pressurized to 25 bar with operating temperatures of 0°C to 50°C (32°F to 122°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, Operations and Maintenance Manual, P/N SHTFKIOM00, Revision 0.3, dated February 15, 2019 and Design Manual P/N FKDM00 dated December 6, 2018. These installations require the use of the Safety Hi-Tech's IX1230 FCS Engineering Flow Calculation Software (Part No. SHIX1230FCS), Version 2.x.x.x with Calculation Engine Version, 1.00.0000.

XXXX = 0000 to 9999, number increases by 1 with every production release.

### AGENT STORAGE CONTAINER ASSEMBLY

Weight of Agent (kg)	Part No.
42.0-196.2	SHFKBCA175
57.6-269.0	SHFKBCA240

**ENGINEERED UNITS**, NAF S 1230 Series - Model SHFKBCA005, SHFKBCA013, SHFKBCA026, SHFKBCA040, SHFKBCA067, SHFKBCA075, SHFKBCA100, and SHFKBCA120NAF S 1230 (FK-5-1-12) Clean Agent Extinguishing System Units, stored pressure type, having nominal capacities of 5L, 13.4L, 26.8L, 40.2L, 67.5L 75L, 100L and 120 Liters. These units are super-pressurized to 42 bar with operating temperatures of 0°C to 50°C (32°F to 122°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, Operations and Maintenance Manual, P/N SHTFKIOM00, Revision 0.3, dated February 15, 2019 and Design Manual P/N FKDM00 dated December 6, 2018. These installations require the use of the Safety Hi-Tech's IX1230 FCS Engineering Flow Calculation Software (Part No. SHIX1230FCS), Version 2.x.x.x with Calculation Engine Version, 1.00.0000.

XXXX = 0000 to 9999, number increases by 1 with every production release.

### AGENT STORAGE CONTAINER ASSEMBLY

Weight of Agent (kg)	Part No.
1.2-5.6	SHFKBCA005
3.2-15.0	SHFKBCA013

6.4-30.0	SHFKBCA026
9.6-45.1	SHFKBCA040
16.2-75.7	SHFKBCA067
18.0-84.1	SHFKBCA075
24.0-112.1	SHFKBCA100
28.8-134.5	SHFKBCA120

**ENGINEERED UNITS**, NAF S 1230 Series - Model SHFKBCA140, SHFKBCA160, and SHFKBCA180 NAF S 1230 (FK-5-1-12) Clean Agent Extinguishing System Units, stored pressure type, having nominal capacities of 140L , 160L and 180 Liters. These units are super-pressurized to 60 bar with operating temperatures of 0°C to 50°C (32°F to 122°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, Operations and Maintenance Manual, P/N SHTFKIOM00, Revision 0.3, dated February 15, 2019 and Design Manual P/N FKDM00 dated December 6, 2018. These installations require the use of the Safety Hi-Tech's IX1230 FCS Engineering Flow Calculation Software (Part No. SHIX1230FCS), Version 2.x.x.x with Calculation Engine Version, 1.00.0000.

XXXX = 0000 to 9999, number increases by 1 with every production release.

## AGENT STORAGE CONTAINER ASSEMBLY

Weight of Agent (kg)	Part No.
33.6-156.9	SHFKBCA140
38.4-179.4	SHFKBCA160
43.2-201.8	SHFKBCA180

**ENGINEERED UNITS**, NAF S 125 (HFC-125 with limonene additive, 0.15% by weight) Clean Agent Extinguishing System Units, stored pressure type, having nominal charging capacities of 5, 13.4, 26.8, 40.2, 67.5, 75, 100 and 120 L. The units are super pressurized to 42 bar at 21°C with operating temperatures of 0 °C to +50 °C. 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 SHIM125227 Rev. 04 dated May 2017 and design manual P/N SHDM125 dated December 2015. These installations require the use of the Listee's flow calculation software NAF S 125 Flow Calculation Program Version SHT 4.00 dated July 2014 floppy disc or CD accessed through Safety Hi-Tech, User's Manual SHT 4.00. Copies are available from the above Listee.

## AGENT STORAGE CONTAINER ASSEMBLY

Weight of Agent (kg)	Part No.
2.5-4.0	**70025410
6.5-12.5	**70025409
13.0-24.5	**70025408
19.5-37.0	**70025407
32.5-62.0	**70025412
36.0-70.5	**70025405

48.5-93.0	**70025404
58.0-111.5	**70025403

\*\* Note that the part numbers shown may have a 2-digit alphanumeric prefix.

**ENGINEERED UNITS**, NAF S 125 (HFC-125 with limonene additive, 0.15% by weight) Clean Agent Extinguishing System Units, stored pressure type, having nominal charging capacities of 26.8, 40.2, 75, 120, 142, 175 and 240 L. The units are super pressurized to 25 bar at 21°C with operating temperatures of 0 °C to +50 °C. 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 SHIM125227 Rev. 04 dated May 2017 and design manual P/N SHDM125 dated December 2015. These installations require the use of the Listee's flow calculation software NAF S 125 Flow Calculation Program Version SHT 4.00 dated July 2014 floppy disc or CD accessed through Safety Hi-Tech, User's Manual SHT 4.00. Copies are available from the above Listee.

### AGENT STORAGE CONTAINER ASSEMBLY

Weight of Agent (kg)	Part No.
13.0-24.5	**72525408
19.5-37.0	**72525407
36.0-70.5	**72525405
58.0-111.5	**72525403
68.5-132.0	**70025413
84.5-162.5	**70025414
115.5-223.0	**70025415

\*\* Note that the part numbers shown may have a 2-digit alphanumeric prefix.

**ENGINEERED UNITS**, NAF S 227 (HFC-227ea with limonene additive, 0.15% by weight) Clean Agent Extinguishing Systems Units, stored pressure types, having nominal capacities of 5, 13.4, 26.8, 40.2, 67.5, 75, 100 and 120L. The units are super pressurized to 42 bar at 21°C with operating temperatures of 0 °C to + 50 °C. 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 SHIM125227 Rev. 04 dated May 2017 and design manual P/N SHDM227 dated December 2015. These installations require the use of the Listee's flow calculation software NAF S 227® Flow Calculation Software Version SHT 4.00 dated July 2014 floppy disc or CD accessed through Safety Hi-Tech, User's Manual SHT 4.00. Copies are available from the above Listee.

### AGENT STORAGE CONTAINER ASSEMBLY

Weight of Agent (kg)	Part No.
2.5-5.5	**70027410
6.5-15.0	**70027409
13.0-30.5	**70027408
19.5-46.0	**70027407
32.5-77.0	**70027412

36.5-86.0	**70027405
48.5-115.0	**70027404
58.0-138.0	**70027403

\*\* Note that the part numbers shown may have a 2-digit alphanumeric prefix.

**ENGINEERED UNITS**, NAF S 227 (HFC-227ea with limonene additive, 0.15% by weight) Clean Agent Extinguishing System Units, stored pressure type, having nominal capacities of 26.8, 40.2, 75, 120, 142, 175 and 240 liters. The units are super pressurized to 25 bar at 21°C with operating temperature of 0 °C to + 50 °C. 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 SHIM125227 Rev. 04 dated May 2017 and design manual P/N SHDM227 dated December 2015. These installations require the use of the Listee's flow calculation software NAF S 227® Flow Calculation Software Version SHT 4.00 dated July 2014 floppy disc or CD accessed through Safety Hi-Tech, User's Manual SHT 4.00. Copies are available from the above Listee.

## AGENT STORAGE CONTAINER ASSEMBLY

Weight of Agent (kg)	Part No.
13.0-30.5	**72527408
19.0-46.0	**72527407
36.5-86.0	**72527405
58.0-138.0	**72527403
68.5-159.0	**70027413
84.5-196.0	**70027414
115.5-268.5	**70027415

\*\* Note that the part numbers shown may have a 2-digit alphanumeric prefix.

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