



# GAQF.EX27925 - Clean-agent Extinguishing System Units

## Clean-agent Extinguishing System Units

See General Information for Clean-agent Extinguishing System Units

### ORIENT FIRE

EX27925

16180 SW 72ND

PORTLAND, OR 97224 USA

**ENGINEERED UNIT**, Models ORI 79014, ORI 79040, ORI 79080, ORI 79120-A, ORI 79120-B and ORI 79180 Orient 5112 (FK-5-1-12) Clean Agent Extinguishing System Units, incorporating TPED cylinders stored pressure type, having charging capacities of 14, 40, 80, 120 and 180 Liters of FK-5-1-12 clean agent. The units are super-pressurized to 42 bar at 21°C with operating temperatures of 0°C to 60°C (32°F to 140°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 Design and Installation Operation and Maintenance Manual, P/N ORI-95112-N, Rev. 1.0, dated November 30, 2018 and the Flow Calculation Software Manual, P/N MN0001, Version 4, dated October 2018. These installations require the use of the Listee's flow calculation software, Orient Fire Flow Calculation Software Part No. FK5112-SW-1 Rev. ORI 4.00. Copies of the software and manuals may be obtained from the above Listee.

### AGENT STORAGE CONTAINER ASSEMBLY


Weight of Agent (lbs)	Part No.
15.4 -30.8	ORI 79014
44.1 -88.2	ORI 79040
88.2 -176.4	ORI 79080
132.2-264.5	ORI 79120-A
132.3-264.5	ORI 79120-B
198.4-396.8	ORI 79180

Models ORI 89014, ORI 89040, ORI 89080, ORI 89120-A, ORI 89120-B, and ORI 89180 Orient 5112 (FK-5-1-12) Clean Agent Extinguishing System Units, incorporating TPED cylinders stored pressure type, having charging capacities of 14, 40, 80, 120 and 180 Liters of FK-5-1-12 clean agent. The units are super-pressurized to 80 bar at 21°C with operating temperatures of 0°C to 60°C (32°F to 140°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.

Weight of Agent (lbs)	Part No.
15.4 -30.8	ORI 89014
44.1 -88.2	ORI 89040
88.2 -176.4	ORI 89080

132.2-264.5	ORI 89120-A
132.3-264.5	ORI 89120-B
198.4-396.8	ORI 89180

A description of these extinguishing system units and the design and installation limitations are contained in the Listee's Design and Installation Operation and Maintenance Manual, P/N ORI-95112-N, Rev. 1.0, dated November 30, 2018 and the Flow Calculation Software Manual, P/N MN0001, Version 4, dated October 2018. These installations require the use of the Listee's flow calculation software, Orient Fire Flow Calculation Software Part No. FK5112-SW-1 Rev. ORI 4.00. Copies of the software and manuals may be obtained from the above Listee.

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