



## GAQF.EX27872 Clean-agent Extinguishing System Units

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### Clean-agent Extinguishing System Units

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**MARTEC S.P.A.**

November 13, 2018

EX27872

VIA DELL'INDUSTRIA 1/3

20060 VIGNATE, MILAN ITALY

**ENGINEERED UNIT**, Models MACBB1142, MACBB4042, MACBB8042, MACBB120M42, MACBB120F42 and MACBB18042 Novec 1230 (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 MANOV4280, dated July 2018. These installations require the use of the Listee's flow calculation software, Martec Flow Calculation Software v4.00 (Novec 1230). 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	MACBB1442
44.1 -88.2	MACBB4042
88.2 -176.4	MACBB8042
132.2-264.5	MACBB120M42
132.3-264.5	MACBB120F42
198.4-396.8	MACBB18042

Models MACBB1180, MACBB4080, MACBB8080, MACBB120M80, MACBB120F80 and MACBB18080 Novec 1230 (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	MACBB1480
44.1 -88.2	MACBB4080
88.2 -176.4	MACBB8080
132.2-264.5	MACBB120M80
132.3-264.5	MACBB120F80
198.4-396.8	MACBB18080

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 MANOV4280, dated July 2018. These installations require the use of the Listee's flow calculation software, Martec Flow Calculation Software v4.00 (Novac 1230). Copies of the software and manuals may be obtained from the above Listee.

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