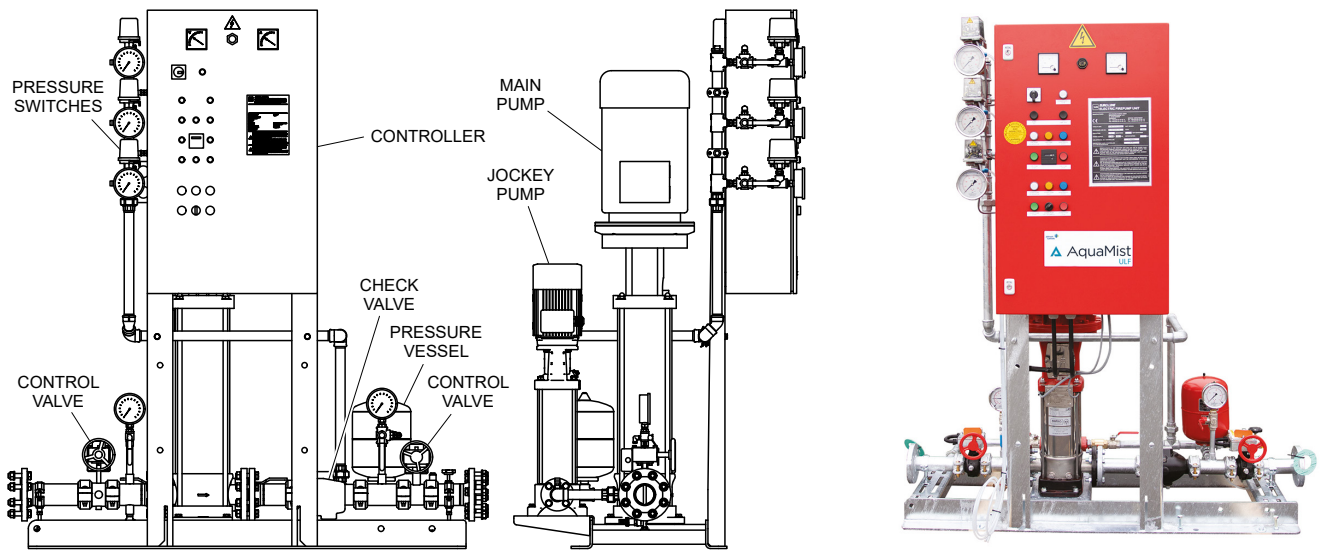


The AquaMist European Mist Control Center (EMCC) Pump Skid Unit is a pre-assembled, self-contained, control center for Ultra Low Flow AquaMist Systems. The compact skid unit, which has been pre-wired and pre-piped, is designed for ease of installation and to reduce time and labour required for field installation. The Pump Skid Unit is factory assembled and functionally tested, ready to connect to the system and an adequate water supply.

This unit consists of a centrifugal pump coupled to an electric motor which is factory-wired to a full service motor controller. The EMCC Pump Skid includes a Jockey Pump to maintain a stand-by pressure in the system piping. The pump discharge is connected to a (redundant) pressure switch assembly which is field calibrated to sense when the pressure drops below the standby maintenance pressure. The drop in standby maintenance pressure causes the pump to automatically start.



Approvals / Conformity

The EMCC Pump Skid Units are available in configurations conforming to VdS, EN 14972 and NFPA 20.

Application	Design, Installation, Operation and Maintenance Manual (DIOM)
Non-Storage Occupancies/Office and Accommodation Areas, (LH/OH1/HC1)	TFP2230, TFP2231, TFP2237
Data Processing Equipment Rooms/Halls	TFP2233, TFP2236
Machinery Spaces, Enclosed and Local Applications	TFP2234, TFP2239, System 913
Industrial Fryer Protection (IFP)	TFP2240

Table A: Application Possibilities

Model Specification	ULFMCVxxx, (VdS); ULFMCVxxxEN (EN 14972); ULFNExxx (NFPA 20)
Skid Outlet Pressure	up to 20 bar (290 psi)
Skid Nominal Capacity	up to 600 l/min (158 gal/min), higher flow rates on request
Minimum Inlet Supply Pressure	0,1 bar (1.5 psi), NPSH
Minimum Inlet Supply Capacity	Match system design calculations
Ambient Temperature	4°C (40°F) – 38°C (100°F)
Voltage/Frequency	3 phases 400 VAC, 50 Hz

Table B: Technical Data

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