

Product Datasheet

FLAMEPROOF CHILLER UNIT for hazardous environments

Optional Fittings

This flameproof chiller unit for use in hot climates can be installed as an optional fitting or retrofitted to any of the Hughes emergency tank showers in order to provide consistently tepid water, in accordance with ANSI guidelines. The set point of the chiller is 25° C and is designed to cool water to between 18-36° C preventing water inside the tank shower becoming dangerously hot due to solar radiation and subsequently scalding the casualty. Suitable for use in hazardous environments (zones 1 and 2).



Specifications

TECHNICAL SPECIFICATION

SUITABLE ENVIRONMENT	Atex zones 1 and 2
UNIT CLASSIFICATION	EX II 2G IIB T4
TOTAL COOLING DUTY	3 kW
REFRIGERANT	R134a suitable for very high ambient operation (non-ozone depleting)
INGRESS PROTECTION	IP 65

SERVICES

CONNECTION SIZE	3/4"
ELECTRICAL POWER SUPPLY - SINGLE PHASE CHILLER	220-240V/1Ph/50hz
- THREE PHASE CHILLER	380-420V/3Ph/50hz or 440-480V/3Ph/60h
TOTAL POWER CONSUMPTION - SINGLE PHASE CHILLER	1.96kW
- THREE PHASE CHILLER	1.79kW
RUNNING CURRENT - SINGLE PHASE CHILLER	15.15A
- THREE PHASE CHILLER	4.35A

ENVIRONMENTAL OPERATING TEMPERATURES

OPERATING LIMITS	-5° C-60° C (23° F-140° F)
FLUID TEMPERATURE RANGE	18° C-36° C (64° F-97° F)

MATERIALS OF CONSTRUCTION

CASING MATERIAL	Zinc Coated Mild Steel (Zintec)
CASING MATERIAL FINISH	Polyester Industrial Powder Coated

WEIGHTS and DIMENSIONS

DIMENSIONS - STANDARD ORIENTATION (WxDxH)	698mm (27.5in) x 1017mm (40in) x 1175mm (46.2in)
WEIGHT (NO OPTIONS)	230kg (507lb)

View our Guide to the ANSI/ISEA Z358.1-2014 International Standard for Emergency Eyewash and Shower Equipment at www.hughes-safety.com



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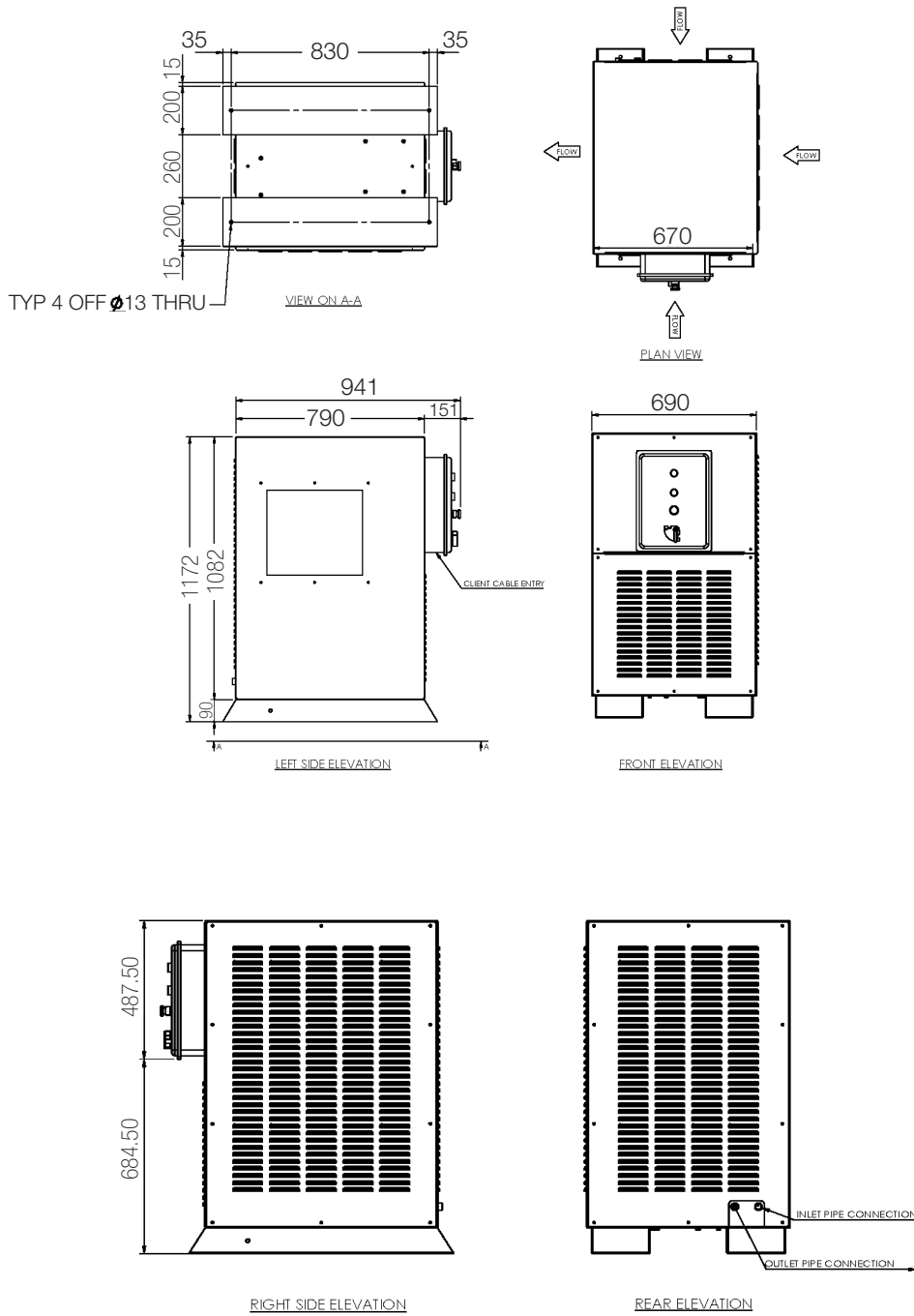
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Optional Fittings



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