

# Product Datasheet

## Non-Flameproof Chiller Unit

Solar radiation can overheat the water held within the tank of an emergency tank shower to levels outside of the safe tepid temperature range. This chiller unit, for areas classified as non-hazardous, will maintain the tank water temperature between 20C / 68F and 36C / 97F ensuring any risk of scalding a casualty is removed and meeting EN15154 and ANSI Z358.1-2014 standards.

- Fitted with air filters to prevent ingress of dust/sand
- Side mounted - freeing up floor space
- Retrofittable to your existing Hughes emergency tank showers



## Specifications

MATERIALS OF CONSTRUCTION	
CASING MATERIAL	Zinc Coated Mild Steel (Zintec)
CASING MATERIAL FINISH	Polyester Industrial Powder Coated
SERVICES	
SUITABLE ENVIRONMENT	Non Hazardous (Non flameproof)
UNIT CLASSIFICATION	Industrial
TOTAL COOLING DUTY	3 kW @50Hz / 3.2kW @60Hz
REFRIGERANT	R134a suitable for very high ambient operation (non-ozone depleting)
INGRESS PROTECTION	IP 54
CONNECTION SIZE	1/2"
ELECTRICAL POWER SUPPLY	- SINGLE PHASE CHILLER 230V/1Ph/50/60Hz - THREE PHASE CHILLER 380-420V/3+PE/50Hz - 440-480V/3+PE/60Hz
TOTAL POWER CONSUMPTION	- SINGLE PHASE CHILLER 1.4kW @50Hz / 1.7kW @60Hz - THREE PHASE CHILLER 1.4kW @50Hz / 1.7kW @60Hz
RUNNING CURRENT	- SINGLE PHASE CHILLER 8.6A @50Hz / 10.2A @60Hz - THREE PHASE CHILLER 3.5A @50Hz / 4.2A @60Hz
AMBIENT OPERATING TEMPERATURE	
OPERATING LIMITS	-10C / 14F to +55C / 131F (+60C / 140F peak)
FLUID TEMPERATURE RANGE	20C / 68F to 36C / 97F
DIMENSIONS & WEIGHT	
DIMENSIONS (WxDxH)	600mm (23.6in) x 920mm (36.2in) x 750mm (29.5in)
WEIGHT	- SINGLE PHASE CHILLER 100kg / 220lb - THREE PHASE CHILLER 100kg / 220lb

# General Arrangement Drawing

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