



SSI-Model 3 Tank Shower Water Chiller For Non-Flameproof Areas

	50 Hz operation	60 Hz operation
Cooling Capacity	2.3 kW	2.65 kW
Max. Power Absorbed	1.70 kW	2.13 Amps
Current Absorbed (F.L.A)	10.42 Amps	14.64 Amps
Reference Conditions	20°C water inlet / 15°C water outlet / 32°C ambient temperature	
Ambient Working Limits	-10°C minimum to +55°C maximum	
Maximum Water Inlet	+45°C maximum initial tank fill temperature	
Water Set-point	Water outlet adjustable from +15°C to +35°C (± 2°C accuracy)	
Refrigerant Type	R134a / 0.7 kg factory charge / G.W.P. = 1,300	
Compressor	Reciprocating fixed frequency Cubigel / 23.2 cm ³ displacement	
Fan	310 mm diameter Ziehl-Abegg EC variable speed type	
Evaporator	316 stainless steel brazed plate & thermostatic expansion valve	
Pump	Pedrollo 0.5 kW rated at 15 litres / min @ 1.6 BAR bronze head	
Water Connections	½" b.s.p. female inlet & outlet	
Water Circuit Design	Completely non-ferrous design – stainless steel, copper, bronze, plastic or rubber components only in contact with water	
Dimensions & Weight	606 mm (width) x 780 mm (height) x 462 mm (depth) – 73 kg	
Power Supply	230 Volts (± 10%), single phase, 50 – 60 Hz (24 Volt auxiliary)	
Control System	Dixell IC206CX digital controller in IP55 cabinet c/w weather cover	
Safety Features	High & low refrigerant pressure safety cut-out switches, low water flow cut-out switch, external IP65 power on-off isolator switch	
Client Power Connection	Side mounted IP65 ABS plastic terminal box with alarm terminals – M20	
Ambient Protection	RAL 7035 powder coat paintwork with corrosion resistant aluminium condenser coating & removable air-filter as standard	
Documentation	Factory test & CE certificate, wiring diagram, P&ID, spare parts list	
Special Options at additional cost	<ul style="list-style-type: none"> • External IP66 3-phase voltage conversion transformers for operation from 380 – 480 V as required • Special RAL paintwork colours available 	

MANUFACTURERS AND SUPPLIERS OF EMERGENCY SAFETY SHOWERS AND EYEBATHS

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