

Model	MWP 230KS-S1
Item No.	502-023-201
Nominal Heating Capacity kW *1	27 (25)
Input Power kW *1	4.4 (4.2)
COP *1	5.8 (5.68)
Unit Controller	UC8
Design HEX differential °C	3
Water Flow rate l/min. *1	128 (119)
Min./Max. Inlet Water temp. °C (Heating)	10 / 40
Min. Operating temp. °C	-10
Design Water Temperature range °C	22 – 25
Entering Pressure Drop @ nominal flow kPa	110
Heat Exchanger	Titanium Thermoshell®
Max. Operating Water Pressure kPa	200
Electronic Expansion Valves	1
Refrigerant	R410A
Refrigerant Charge kg	3.6
Compressor type	Digital scroll
Compressor oil type	POE 32-3MAF (or equivalent)
Power supply *5	1 ph. 230 V ac 50 Hz + N + E
Compressor circuit breaker A	40
Auxillary pump *3 (1ph.) overload A	16
Running current A	21
Max. Running Current *4 A	35
RCD type recommended	type A, 30mA, 1 pole
Water connections	1 1/2" BSP union (x2)
Sound Power *2 (SWL) dB(A)	68
Sound Pressure @ 3m (SPL) dB(A)	52
Fan type	3 spd Axial 500mm
Max. external static pressure of fan Pa	25
Communication Options	BMS / Modbus
Controls supplied	TZT-100
Net weight (excl. water) kg	175
Shipping weight kg	184

*1 Rating conditions: 27/20 °C db/wb outdoor ambient; EWT 27°C; LWT 30°C

() bracketed figures: 20/17 °C db/wb outdoor ambient; EWT 25°C; LWT 28°C

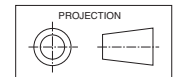
*2 Radiated. BS 848.2 : 2004. Direct method of measurement (reverberant room).

*3 External pump interlock connection.

*4 No allowance for auxiliary pump.

*5 Voltage range 220–240 V.

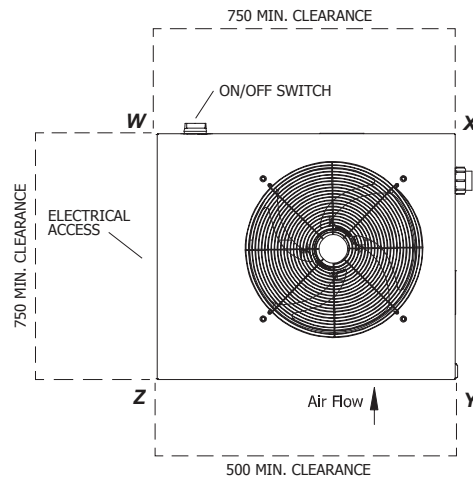
DIMENSIONS (mm)



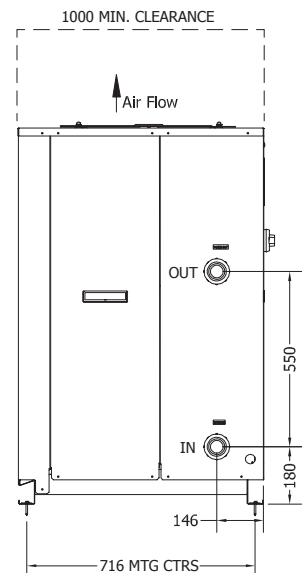
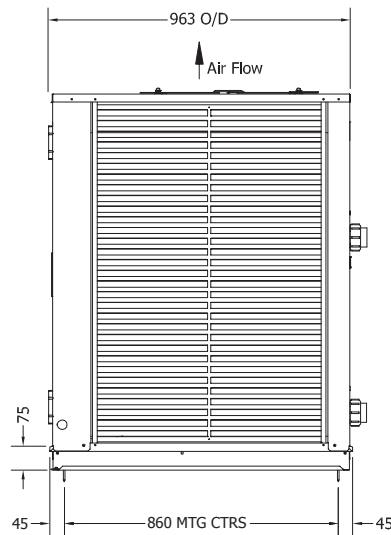
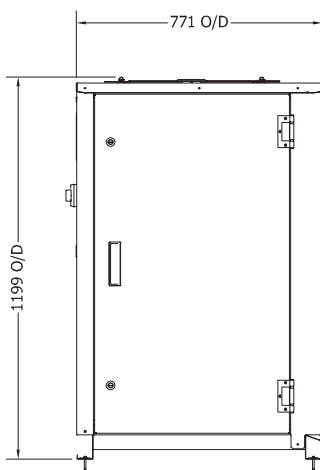
Not to Scale

MWP 230KS

POINT LOADS (kg)				
W	X	Y	Z	
57	46	30	42	



Water Conns:
1 1/2" Union Connector



NOTE

Specifications are subject to change without notice due to the manufacturer's ongoing research and development programme.

