



CLADE

WILLOW R600A 200kW HEAT PUMP //

April 2022 //



TECHNICAL INFORMATION //

Clade Willow		200kW
Nominal conditions: Water side Heating		flow 80 °C to 70 °C Return temperature
Nominal conditions: Evaporator		flow 45 °C to 40 °C Return temperature
Compressor Manufacturer		Dorin
Compressor Heating Qty	Pcs.	2xHEX5500CC
Compressor Power @ Design total	kW	54
Circulating pump design power	kW	3
Total	kW	57
Heat Pump Compressor and Pump Design Run Amps DRA	A	160
Ancillary Controls Amps	A	20
Maximum operating current	A	205
Total Design Run Amps	A	180
MCCB Rating Amps	A	250
Variable speed drive (VSD)	Pcs.	2
Refrigerant charge (estimated)	kg	5
Electrical supply	-	3~ 400V 50 HZ
Weight (empty)	kg	2201
Weight (operational)	kg	2250
Sound Power	dB(A)	81
Connections waterside flow	DN	100
Connections waterside Return	DN	100
Connections waterside Pressure Rating	PN	10



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Clade Willow R600 WSHP		200kW
Waterside Burst Disk	PN	10
Communication protocol	-	MODBUS/BACNET
IP-Class	-	IP54
Evaporators Type		PHX
No. evaporators	Pcs.	1
Condenser Type - Heating Plate	-	PHX
No. Condensers - Heating Plate	Pcs.	1
PHX Manufacturer	-	Alfa Laval
Pump Manufacturer		Grundfos
Pump Control		VSD 0-10 V
Colour	-	RAL6035 Forest Green
Heating Pump Included		Yes
Load Pump Included		No
Dimension Length	mm	2000
Dimension Width	mm	1875
Dimension Height	mm	2261
sound pressure @ 10m	db(A)	46

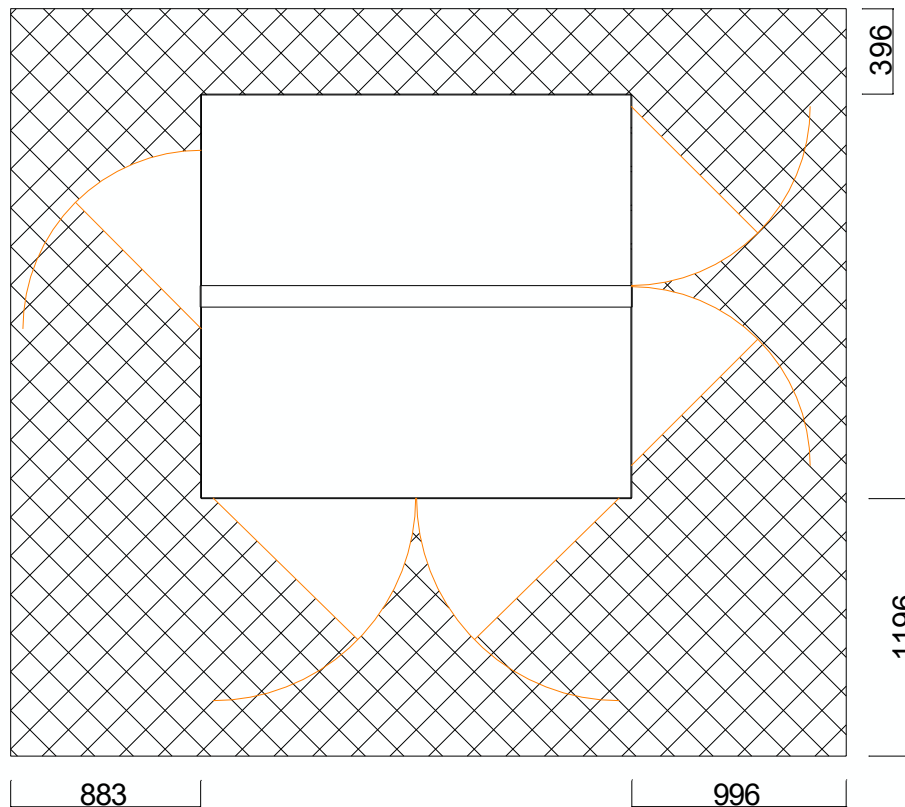


3D MODEL DRAWINGS //



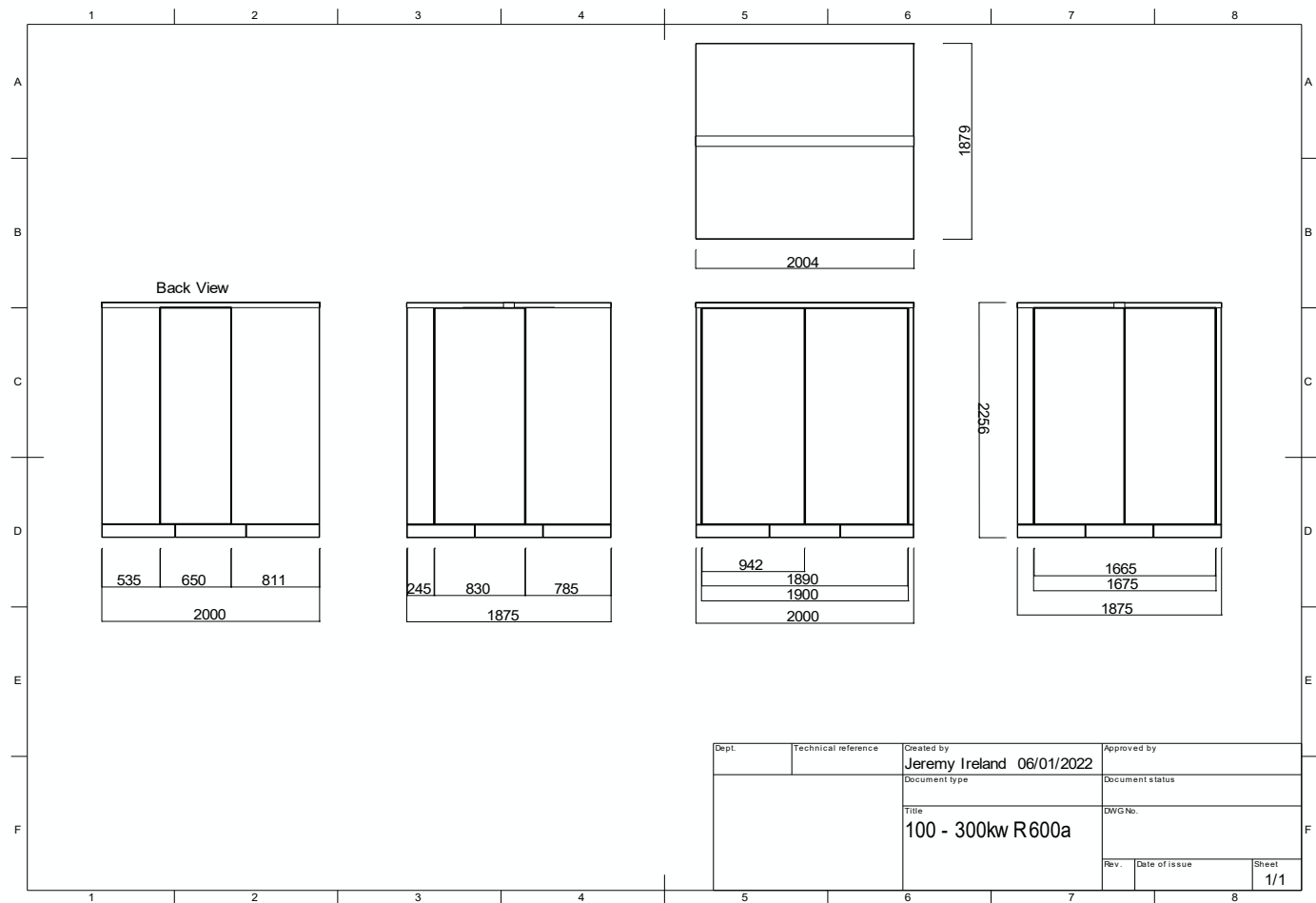


ACCESS DRAWINGS //





DIMENSIONAL DRAWINGS //





THANK YOU //

www.clade-es.com

Sales@clade-es.com

Aftersales@clade-es.com

Head Office & Registered Office //
Bristol & Bath Science Park,
Dirac Crescent, Emersons Green,
BRISTOL BS16 7FR

The Technology Centre //
Unit R3 Gildersome Spur Industrial Estate,
Stone Pits Lane, Morley,
LEEDS LS27 7JZ

