



**CLADE**

**WILLOW R600A 300kW HEAT PUMP //**

April 22 //



## TECHNICAL INFORMATION //

Clade Willow		300kW
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.	2xHEX7500CC
Compressor Power @ Design total	kW	81
Circulating pump design power	kW	3
Total	kW	84
Heat Pump Compressor and Pump Design Run Amps DRA	A	179
Ancillary Controls Amps	A	20.0
Maximum operating current	A	355
Total Design Run Amps	A	199
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	2465
Weight (operational)	kg	2500
Sound Power	dB(A)	81
Connections waterside flow	DN	100
Connections waterside Return	DN	100
Connections waterside Pressure Rating	PN	10



## TECHNICAL INFORMATION //

Clade Willow R600 WSHP		300kW
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

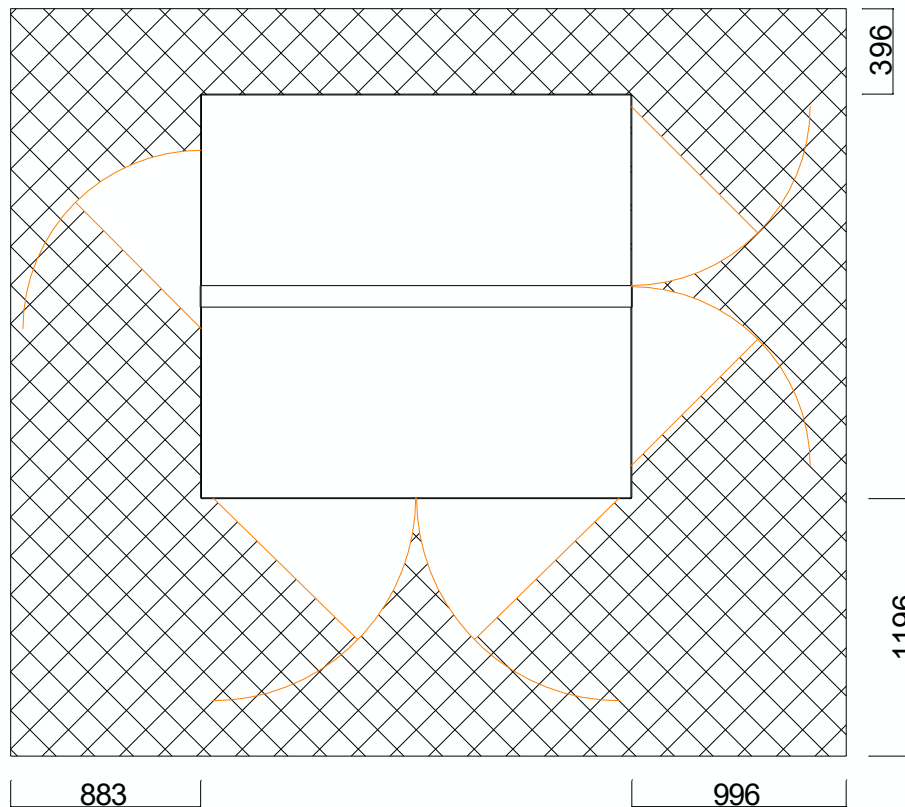


3D MODEL DRAWINGS //



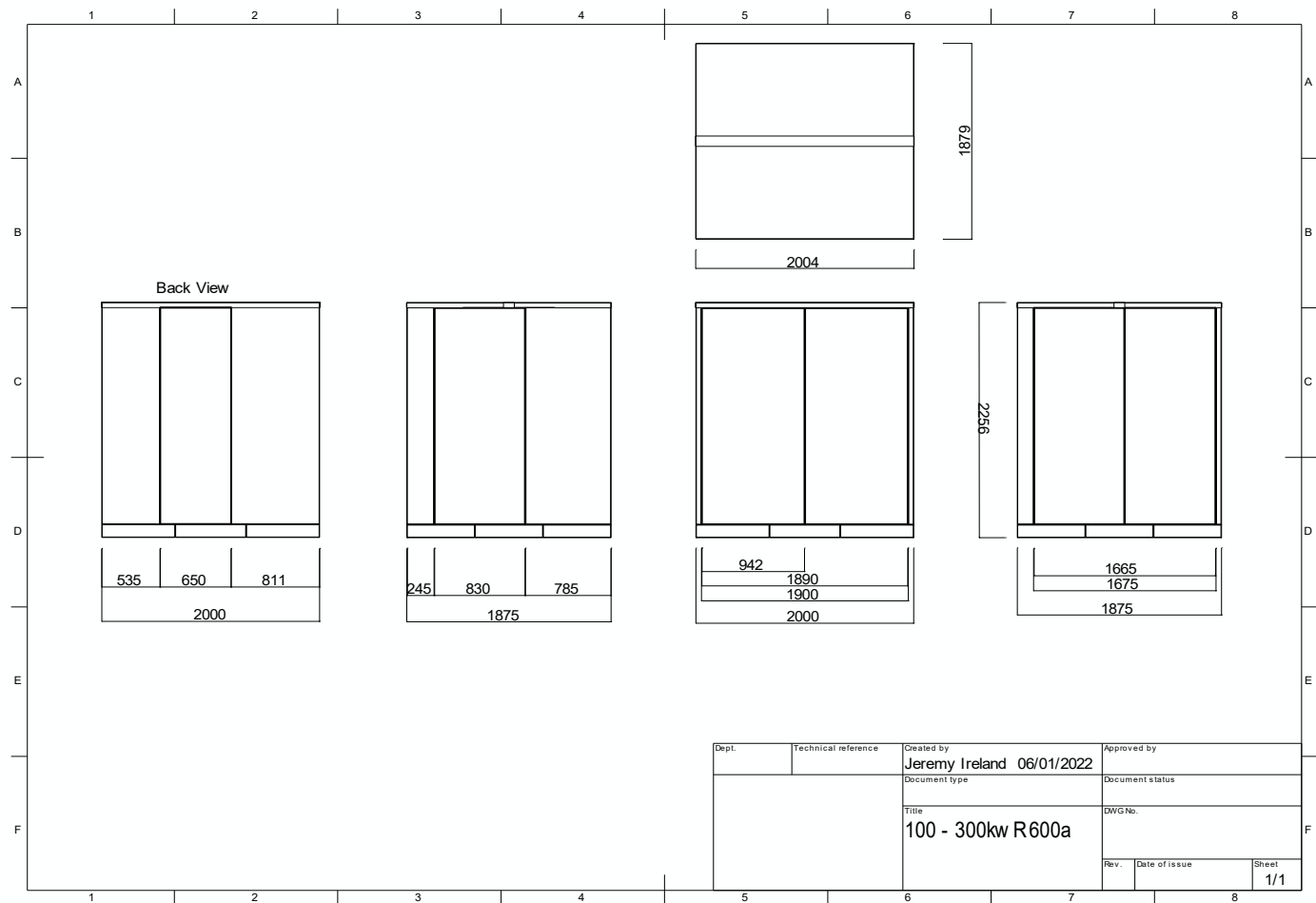


# DIMENSIONAL DRAWINGS //





**DIMENSIONAL DRAWINGS //**



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THANK YOU //

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