ANDREWS CHILLER HIRE
Premier House, Darlington Street,
Wolverhampton, WV1 4JJ
Tel: 01902 328700 Fax: 01902 422466

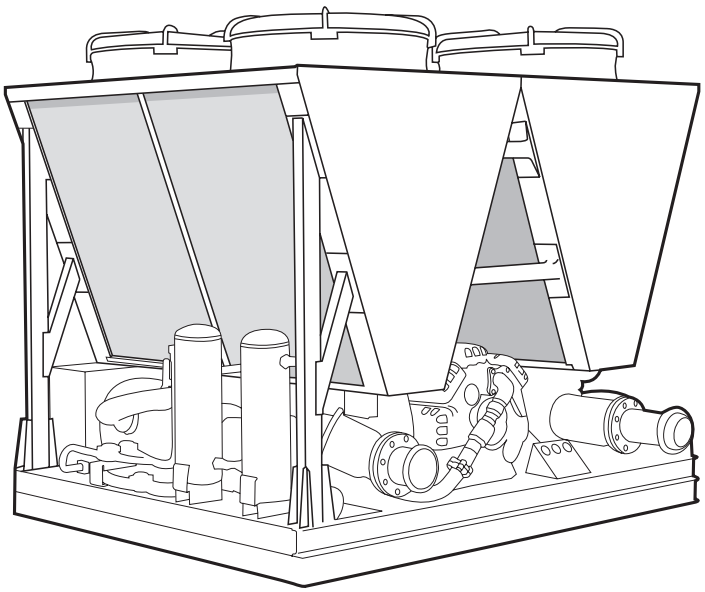
Equipment Data Sheet	Date:
550 kW Fluid Chiller (Heat pump version available)	**01/2007**
Installation and Dimensions	

Andrews 550 kW Fluid Chiller is capable of cooling fluid down to -5°C and can be easily connected to existing pipe work using flexible hoses. Andrews Chillers are ideal for breakdowns, disaster recovery, occupied refurbishment and events.

Key Data

Nominal cooling duty	550 kW 1,876,600 btu
Nominal heating duty (HP version)	550 kW 1,876,600 btu
Power supply	415 V 3 ph +E 50 hz Run 320 Amps
Electrical connection	Hard wired
Noise level	82 dBA @ 10 metres
Weight	4,100 kg
Dimensions (L x W x H)	2838 x 2300 x 2500 mm
Control	Automatic programmer
Power consumption	160 kW/h
Generator size	450 kva Dependent on system resistance
Water connection	6” Bauer

Heat pump version available



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Performance Data	General
Nominal cooling capacity	550 kW
Design operating temperature in / out	+7 °C / +12 °C
Design operating ambient temperature	+32 °C
Minimum / maximum outlet / inlet temp	-5 °C / 20 °C
Minimum / maximum ambient temp	-15 °C / +40 °C
Compressors	
Number of compressors	1
Compressor type	Semi hermetic recip
Variable loading steps	20% 40% 60% 80%
Evaporator	
Type	Shell & tube
Design flow	24.15 litres per sec
Minimum / maximum flow	18.12 / 28.5 litres per sec
Capacity	90 litres
Max working pressure	5 bar
Pressure drop	69 kpa
Condenser	
Number of fans	4
Fan type	Axial
Total volume	111000 m^3h
Refrigerant	
Type	R407C
Circuits	1
Electrical	
Supply voltage	415 V 3 ph E
Nominal current	263.7 Amps
Max current (locked rota)	1325 Amps
Start current	1024 Amps
Electrical connection	Hard wired lugs
Recommended generator	450 kva
Noise Level	
Sound pressure @ 10 metres	82 dBA
Physical Data	
Length	2838 mm
Width	2300 mm
Height	2500 mm
Weight dry	4000 kg
Weight wet	4100 kg
Fluid coupling size	6” Bauer/Flange

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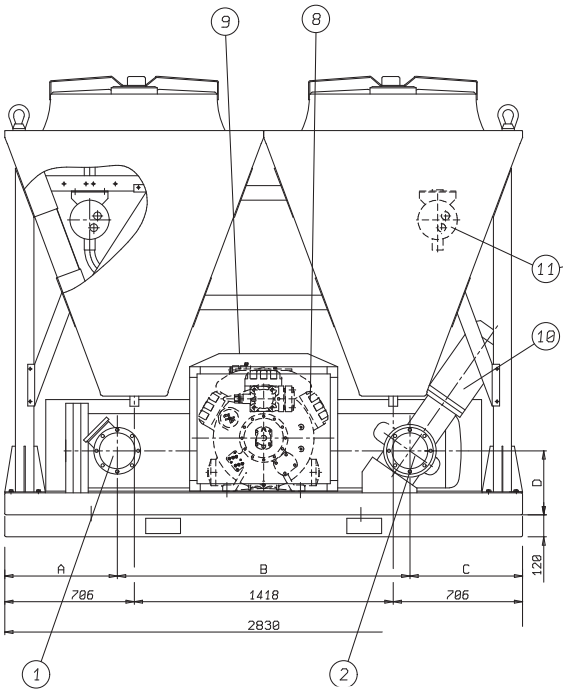

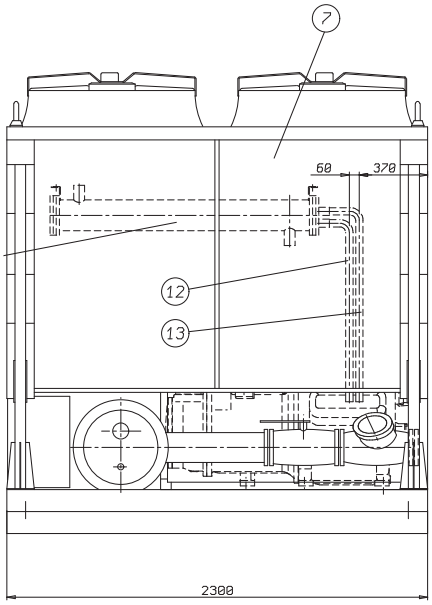

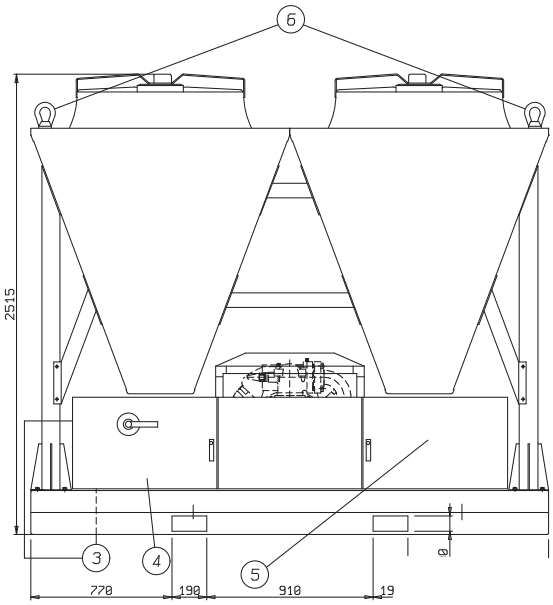

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