

Matched to the chiller would be the dry air cooler / free cooler

	Summer Condition (Chiller Operation)	Winter Condition (Free Cooling Operation)
Number of units	: 1	
Capacity	: 1184.9kW	972.6kW
Ambient	: 28°C, 46% RH	4°C, 75% RH
Fluid in	: 38°C	14°C
Fluid out	: 32.04°C	10°C
Air:		
Volume	: 545751m ³ /h (151.6m ³ /s)	345234m ³ /h (95.9m ³ /s)
Air leaving	: 34.8°C	12.1°C
Number of fans	: 18	18
Supply	: 400V / 3ph / 50-60Hz	
Fan type	: EC fans 910mm	
Speed design / maximum	: 1200 / 1200 RPM	780 / 1200 RPM
Power input	: 56621 Watts	17490 Watts
Mean sound pressure	: 67.3dBA @ 10m	56.9dBA @ 10m
Physical:		
Tubes	: CU-plain 0.406	
Fins	: AL 0.18	
Surface	: 6343.2m ²	
No coils	: 2	
No section	: 1	
Unit dimensions	Width : 2250mm	
	Height : 2460mm + 307mm over fans	
	Length : 11100mm	
Weight (approx)	: 6130kg	

Chiller Housing - Built to BS EN 378