

Cool Energy Low Temperature and Air Conditioning Applications

Cool Energy air handling units are designed and built to the highest standards. Adaptable for a wide range of applications from dehumidification to environmental control, they are designed around a 2:1 sensible heat ratio and are available with or without chillers, heaters, tanks, thermostatic control and in a range of duties from 5 - 150kW. All the units supply good static pressure, acceptable noise levels and a high level of reliability.



Applications

Cool Energy air handling units are suitable for:

- Air Conditioning Factories and Packaging areas
- Dehumidification
- Dry Cooling
- Chill Stores
- Heating
- Food Tempering

Low Temperature Range Air Handling Units

Low temperature range air handling units are designed for air off temperatures below 0°C. These units are fitted with electric defrost heaters and optional solenoid controlled fluid flow.

Once set up, operation is completely automatic and air temperatures as low as -5°C can be readily achieved when used with one of our rental chillers.

Air Handling Unit Range

Duty kW	Model	Max Airflow m ³ /hr	Running current	Noise level	L mm	W mm	H mm	Weight kG	Water connections mm/"
7/12/30									
5	Single Fan	3,240	2 (3ph)	62	1,025	820	1,010	126	25/1
10	Dual Fan	6,480	6 (3ph)	64	1,775	880	880	182	25/1
15	Upright	2,000	5 (1ph)	59	605	380	1,900	110	25/1
25	Upright	2,800	6 (1ph)	64	1,200	750	2,100	400	25/1
50	Upright	5,040	14 (1ph)	64	1,500	750	2,250	625	50/2
100	Dual Fan	27,700	6 (3ph)	66	3,050	1,253	1,376	669	50/2
150	Eco	20,000	11 (3ph)	76	2,610	1,270	2,000	695	50/2

Low Temperature Range

Duty kW	Model	Max Airflow m ³ /hr	Running current	Noise level	L mm	W mm	H mm	Weight kG	Water connections mm/"
0°C Air									
5	Single Fan	3,240	3	62	1,025	820	1,010	126	25/1
10	Dual Fan	6,480	6	64	1,720	880	880	182	25/1
25	Single Fan	13,896	15	63	1,775	1,500	1,650	466	50/2
50	Dual Fan	27,700	29	66	3,050	1,253	1,376	669	50/2



Call now on freephone 0800 840 4210
www.coolenergy.co.uk