

مصنع دانة لسخانات ومبردات الماء (ش ذ م م) DANA WATER HEATERS & COOLERS FACTORY LLC



ISO 9001:2008

ISO 9001:2008 registered company by IIC. (No. : JU – 1306)

TECHNICAL SPECIFICATIONS DANA AIR COOLED WATER CHILLER MODEL DC-4000 / 5000



SALIENT FEATURES

- “4-stage cycling” Refrigeration Circuit
- Heavy Duty Tropicalized Compressors (Made in USA)
- Integrated Centrifugal Circulation Pumps (Made in Spain)
- Single Point Power Connection
- Generously Sized 3-sided Copper Tube/Aluminum-finned Air-cooled Condensers
- High Efficiency, Stainless Steel Brazed Tube Heat Exchangers
- Heavier Frame Construction (made from heavy Gauge Galvanized steel , epoxy powder coated for extra corrosion resistant) for greater resistance to shipping & handling.
- Standard Weather-Proof Enclosures
- Suitable for Open & Closed fluid Circuits
- Acoustic-Composite Axial Discharge Fans – for low-noise levels & higher efficiency.
- Easy Access for Maintenance–
- Temperature Control :- Manually adjustable 3°C to 30°C with digital thermometer.
- Adjustable time-delay switch



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Model No	DC-4000	DC-5000
Cooling Capacity kW / Btu / hr	14 / 48,000	17.5 / 60,000
Compressor Power Input kW/hr RLA / MOC LRA COP / EER Electric supply	COPELAND-USA 4.9 7.9 / 9 55 2.85 / 9.8 440V / 50-60 Hz / 3 Ph	COPELAND-USA 6.8 11.9 / 13 67 2.6 / 9 440V / 50-60 Hz / 3 Ph
Evaporator	Shell and Tube Type	Shell and Tube Type
Condenser	Aluminum Finned Tube Draft Forced	Aluminum Finned Tube Draft Forced
Axial Fan Information	Φ 400 mm x 2 No Power input – 0.180 kW Current amps. – 0.80 RPM – 1320 Flow Rate – 4,000m ³ Noise level dB – 72	Φ 400 mm 2No Power input – 0.180kW Current amps. – 0.80 RPM – 1320 Flow Rate – 4,000m ³ Noise level dB – 72
Fluid Circulation Pump Capacity / qty. Flow Cap. / GPM Connection	1 Hp x 1 no 20 40 x 40 mm OD	1 Hp x 1 no 20 40 x 40 mm OD
Refrigerant	R -22	R -22
Control & Instrument	Danfoss / Sporlan	Danfoss / Sporlan
Dimensional Data	560 x 560 x 1020 (W x D x H) mm	560 x 560 x 1020 (W x D x H) mm
Power Supply	440 / 50-60 Hz / 3 ph + N	440v / 50-60 Hz / 3 ph + N
Weight	60 kg	70 kg



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