

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-2000/3000/5000



SALIENT FEATURES

- Heavy Duty Tropicalized Compressors (Made in USA)
- Integrated Centrifugal Circulation Pumps (Made in Spain/Made in India)
- Single Point Power Connection
- Generously Sized 3-sided Copper Tube/Aluminium-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 on all 10 tons & Above Models.
- Standard Refrigeration Gauges on all 15 tons & Above Models
- Suitable for Open & Closed fluid Circuits
- Acousti-Composite Axial Discharge Fans – for low-noise levels & higher efficiency.
- Easy Access for Maintenance
- Temperature Control :- Manually adjustable 10 degrees – 35 degrees Celsius
- Adjustable time-delay switch



P.O. Box 40743, Dubai, U.A.E, Tel: 04-2217273 Fax: 04-2215940
Email: drdana@danagroups.com ,www.danagroups.com

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Model No DC	DC-2000	DC-3000	DC-5000
Cooling Capacity kW / Btu / hr	7 / 24,000	10.5 / 36,000	17.5 / 60,000
Compressor Power Input kW/hr RLA / MOC LRA COP / EER Electric supply	COPELAND-USA 2.58 12 / 16.4 2.7 / 9.3 82 220V / 50-60- Hz / 1 Ph	COPELAND-USA 3.6 18 / 21 2.9 / 10 114 220V / 50-60 Hz / 1 Ph	COPELAND-USA 6.8 11.9 / 13 2.6 / 9 155 380-400V / 50-60 Hz / 3 Ph
Evaporator	Shell and Tube Type	Shell and Tube Type	Shell and Tube Type
Condenser	Aluminum Finned Tube Draft Forced	Aluminum Finned Tube Draft Forced	Aluminum Finned Tube Draft Forced
Axial Fan Information	Φ 400 mm x 1 Power input - .180 kW Current amps. – .8 RPM – 1320 Flow Rate – 4,000m ³ Noise level dB – 72	Φ 400 mm x 1 Power input - .250 kW Current amps. – 1.25 RPM – 1320 Flow Rate – 5,100m ³ Noise level dB – 72	Φ 400 mm x 2 Power input - .320 kW Current amps. – 1.6 RPM – 1320 Flow Rate – 8,000m ³ Noise level dB – 72
Fluid Circulation Pump Make Capacity / qty. Flow Cap. / GPM Connection	ESPA Spain/India 1/2 Hp x 1 no 10 25 x 25 mm OD	ESPA Spain/India 1/2 Hp x 1 no 10 25 x 25 mm OD	ESPA Spain/India 1 Hp x 1 no 18 40 x 40 mm OD
Refrigerant R	R-22	R-22	R-22
Control & Instrument	Danfoss / Sporlan	Danfoss / Sporlan	Danfoss / Sporlan
Dimensional Data	560 x 560 x 590 (W x D x H) mm	560 x 560 x 590 (W x D x H) mm	560 x 1020 x 560 (W x D x H) mm
Power Supply	220V / 50-60 Hz / 1 Ph	220V / 50-60 Hz / 1 Ph	380-400V / 50-60 Hz / 3 Ph
Weight	40 kg	55 kg	70 kg



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