

DANA

دانة

DANA HEAT PUMP

ISO 9001:2000

HEATING

&

COOLING

**(DUAL SYSTEM with
SPEC-PLUS Technology)**

MANUFACTURED BY :

DANA WATER HEATERS & COOLERS FACTORY L.L.C.

(A Division of Dana Group)



ISO 9001:2000 registered company HFC, (No : JU-1006)

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TECHNICAL DATA SHEET FOR DANA HEAT PUMPS

Model No's DCH-5000 & DCH-2500

Power Supply	380 Volt AC/3Ph/50 Hz -> DCH-5000 220 Volt AC/1Ph/50 Hz -> DCH-2500
Condenser	Pre-coated with Hydrophobic material to create substantial non-wetting, anti-corrosive surface
Heat Exchanger	Stainless Steel (Chlorine Resistant)
Compressor	COPEPLAND Scroll-Type (MADE IN USA)
Rated Cooling Capacity	60,000 Btu/hr for DCH-5000 30,000 Btu/hr for DCH-2500
Rated Heating Capacity	60,500 Btu/hr for DCH-5000 30,250 Btu/hr for DCH-2500
Cooling/Heating Input (kW In)	5.60 kW/5.30 kW for DCH-5000 2.80 kW/2.64 kW for DCH-2500
Actual kW Cooling/Heating Output (kW Out)	25.50 kW for DCH-5000 12.00 kW for DCH-2500
Cool/Heat Current	10.5 A / 10.0 A
Water Pump	1 HP with 1" connections
Temperature Control	10 degrees - 45 degrees Celsius
Refrigerant	R22
Protection Class	I
Waterproof Class	IPX4
Noise Level(Outdoor)	50dB(A)
Climate Application type	T3
Net Weight	135 kgs for DCH-5000 80 kgs for DCH-2500
Size	120 cms x 90cms x 35 cms [DCH-5000] 80 cm x 66cm x 33 cms [DCH-2500]
Warranty	5 yrs on the Compressor & 1 year for manufacturing defect

Pool capacity	Model
40- 60m ³	1 no DCH-5000
60- 75 m ³	1 no DCH-5000 + 1 no DCH-2500
75 - 120 m ³	2 no's DCH-5000

Benefits & Salient Features of "DANA" Heat Pumps :-

- Specially Designed for Gulf Conditions, Having both **Heating & Cooling** to maintain uniform temperature throughout the year.
- **Easy** to install & Operate.
- Very **low operational cost**. DANA Heat pumps use "Spec-Plus" technology, which gives 80% in electricity savings & upto 5 times higher energy output.
- **Quiet Running**. DANA Heat Pumps have very low operating noise levels.
- **Electronic Reverse Cycle De-ice Control & Built In Safety switches**.
- Specially Designed, **Hydrophilic Coated Corrosion-Resistant Condenser Coils**.
- **Have long life expectancy & are very durable**.
- **Excellent after sales service & free technical support**.

****We also manufacture outdoor as well as indoor Water chillers for cooling tank/tap water in summer months.****

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***** For special offer including installation, call 050-7983153/050-3548223 *****