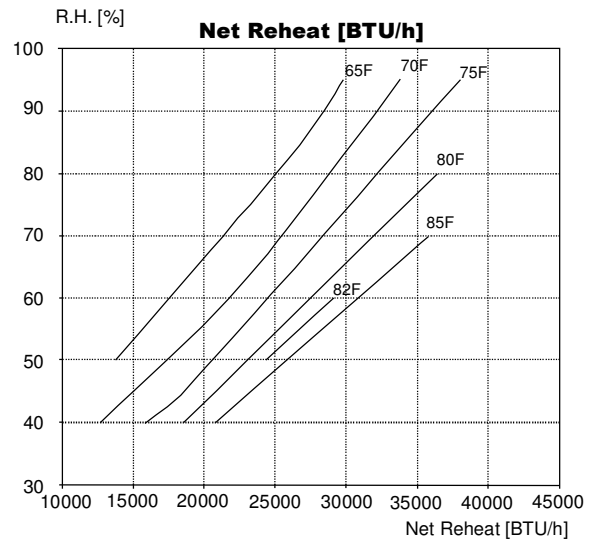
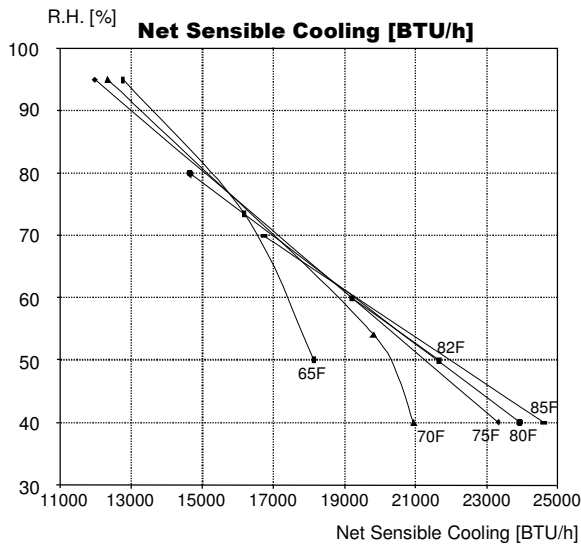
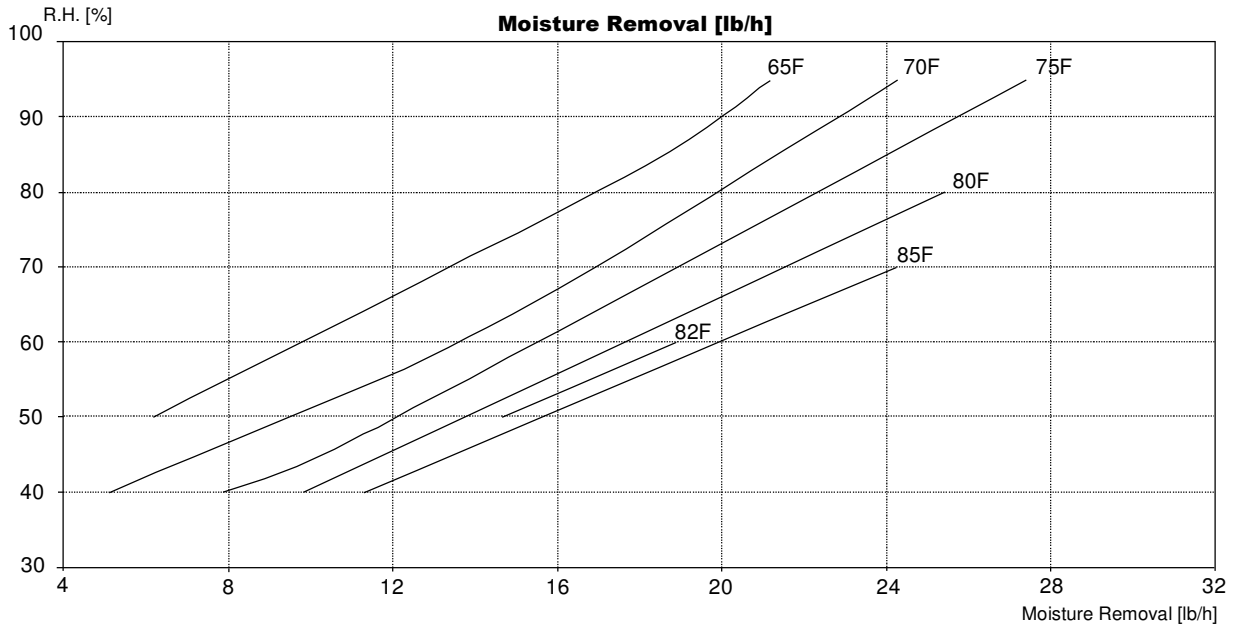


**DCA 1500TV AIR COOLED - NON WATER HEATING DEHUMIDIFIER**

**DCA 1500TVWH WATER HEATING ASSIST DEHUMIDIFIER**

**PERFORMANCE**



Performance	82DB / 50% R.H.	82DB / 60% R.H.	Notes
Moisture Removal, LB/HR	14.7	18.9	1
Net Sensible Cooling, MBH	21.6	19.2	2
Net Reheat, MBH	24.3	29.1	3
Water Heating, MBH (Water Heating Models Only)	46.2	48.4	4

**Notes:**

1. Reheat mode assuming 1050 BTU/lb
2. Cooling mode with remote condenser at 95F.
3. Defined as sum of latent and compressor input. Use dehumidifier for supplemental heat only.
4. Assuming 85F entering water temperature.
5. For conditions and data not shown contact the factory

**CAUTIONS:** The reheat capacity rating includes latent recovery and heat of compression. It is recommended that dehumidifier be used for supplemental heat only. The cooling capacity is based on an ambient temperature of 95°F. As outside conditions vary, so will the performance of the dehumidifier. Ratings are subject to change without notice.

**DCA 1500TV AIR COOLED - NON WATER HEATING DEHUMIDIFIER**  
**DCA 1500TVWH WATER HEATING ASSIST**

**DESIGN SPECIFICATIONS**

<b>Electrical</b>	<b>208/230V</b>	<b>208/230V</b>	<b>460V</b>	<b>575V</b>
Phase/Hz	1/60	3/60	3/60	3/60
Compressor B.T.U.	36,600	36,900	36,900	36,900
Compressor RLA	19.2	12.2	5.8	4.4
Compressor LRA	112	93	48	33
Blower Motor HP	1	1	1	1
Blower Motor FLA	6.4	3.8	1.9	1.5
Unit FLA	27.0	17.4	8.4	6.5
Maximum Fuse Size	40	25	12	10
Minimum Circuit Amp.	31.8	20.5	9.9	7.6
Operating KW	4.11	4.05	4.05	4.04

CFM.....	1500
External Static Pressure.....	0.50" H <sub>2</sub> O
Refrigerant.....	R-407C (Factory Charged 20 lbs.)
Compressor Type.....	Scroll
Filter (Quantity: 2).....	18" x 25" x 1" Fiberglass
Drain Connection.....	1" Bar Drain
DCA 1500TV Weight.....	585 lbs.
DCA 1500TVWH Weight.....	660 lbs.
Liquid Inlet [inches O.D.] (up to 50') <sup>1</sup> .....	0.5
Hot Gas Outlet [inches O.D.] (up to 50') <sup>1</sup> .....	0.75
Water Inlet [inches O.D.].....	0.875
Water Outlet [inches O.D.].....	0.875
Water Flow G.P.M. <sup>2</sup> .....	6.0
Pressure Drop (Ft. WC) <sup>2</sup> .....	5.3

<sup>1</sup> Over 50ft contact factory

<sup>2</sup> Water Flow data based on 50% RH + Return Air 82°F and Pool Water at 85°F

**STANDARD FEATURES**

- MET Laboratory Safety Listed To UL 1995
- 3 Year Part Warranty
- Single Refrigeration Circuit
- Single Scroll Compressor
- Powder Coated, Galvannealed Steel Cabinet
- Low Ambient Head Pressure Control
- Remote Condenser Ready
- Rifle Tube Refrigeration Coils
- TEFC Blower Motor
- Stainless Steel Condensate Drain Pan
- Standard Microprocessor Control System (WH Models Only)
- ElectroFin Coated Coils

**OPTIONAL FEATURES**

- Right Side Return Air
- Horizontal Discharge (Not Field Convertible)
- Extended Surface Filters 2" & 4"
- Outdoor Make Up Air Flange Opening (Damper & Filter by Others)
- External Static Upgrade
- Water Cooled Condenser For Water Heating Or A/C Available
- Motorized Evaporator Bypass Damper
- Remote Ready Delete
- Defrost Timer Package
- Control Options
- Space Heating Options Available
- Other Options Available