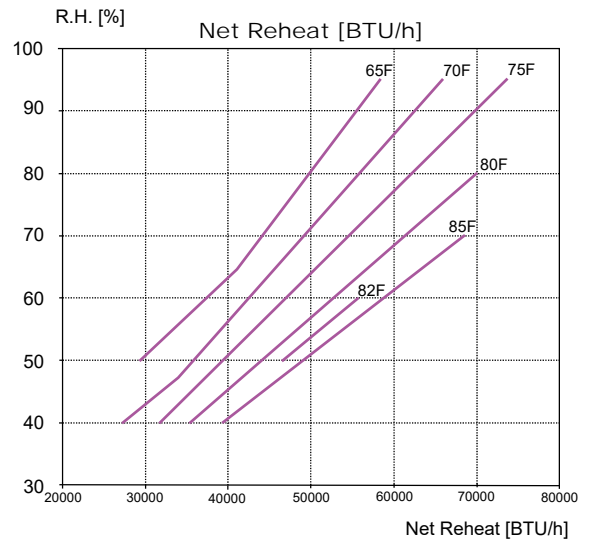
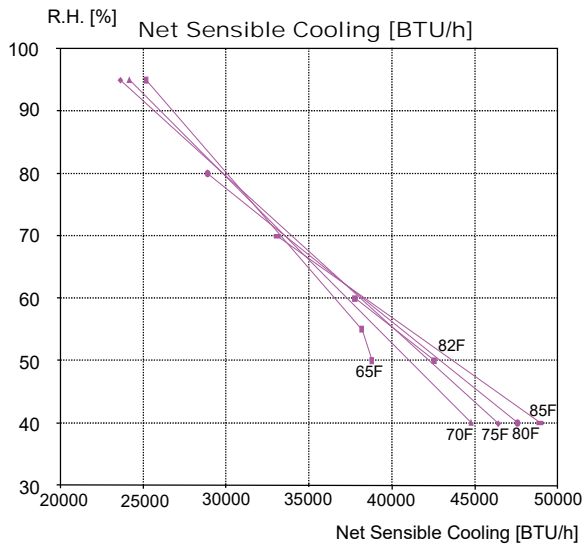
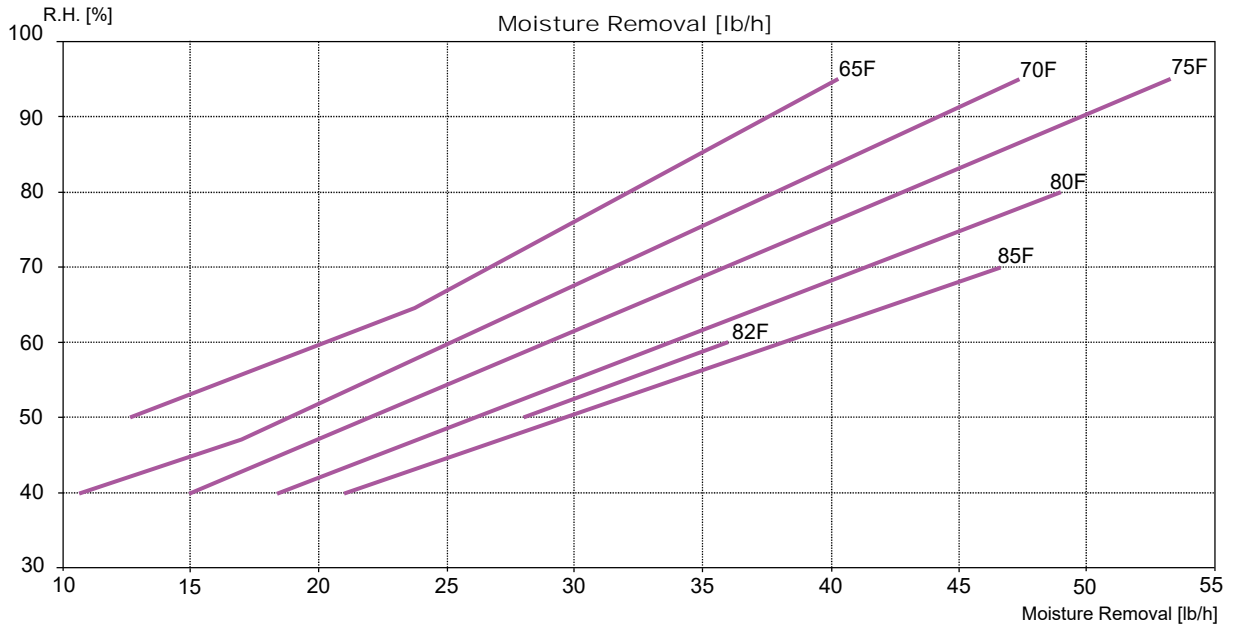


DCA 3000AV AIR COOLED - NON WATER HEATING DEHUMIDIFIER

DCA 3000AVWH WATER HEATING ASSIST DEHUMIDIFIER

PERFORMANCE



Performance	82DB / 50% R.H.	82DB / 60% R.H.	Notes
Moisture Removal, LB/HR	28.1	36.0	1
Net Sensible Cooling, MBH	42.6	37.8	2
Net Reheat, MBH	46.5	55.7	3
Water Heating, MBH (Water Heating Models Only)	89.3	93.6	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.

DESIGN SPECIFICATIONS

Electrical	208/230V	208/230V	460V	575V
Phase/Hz	1/60	3/60	3/60	3/60
Compressor B.T.U.	72,000	72,000	72,000	71,700
Compressor RLA	36.9	23.2	11.2	7.9
Compressor LRA	185	164	75	54
Blower Motor HP	2.0	2.0	2.0	2.0
Blower Motor FLA	10.0	6.0	2.9	2.3
Unit FLA	48.4	30.7	14.9	10.9
Maximum Fuse Size	80	50	25	17.5
Minimum Circuit Amp.	57.7	36.5	17.7	12.9
Operating KW	7.53	7.38	7.32	7.36

CFM.....	3000
External Static Pressure.....	0.50" H ₂ O
Refrigerant.....	R-410A (Factory Charged 40 lbs.)
Compressor Type.....	Scroll
Filter (Quantity: 4).....	16" x 20" x 1" Fiberglass
Drain Connection.....	1" Bar Drain
DCA 3000AV Weight.....	800 lbs.
DCA 3000AVWH Weight.....	900 lbs.
Liquid Inlet [inches O.D.] (up to 50') ¹	0.625
Hot Gas Outlet [inches O.D.] (up to 50') ¹	0.875
Water Inlet [inches O.D.].....	1.125
Water Outlet [inches O.D.].....	1.125
Water Flow G.P.M. ²	13.0
Pressure Drop (Ft. WC) ²	10.5

¹ Over 50ft contact factory

² Water Flow data based on 60% 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