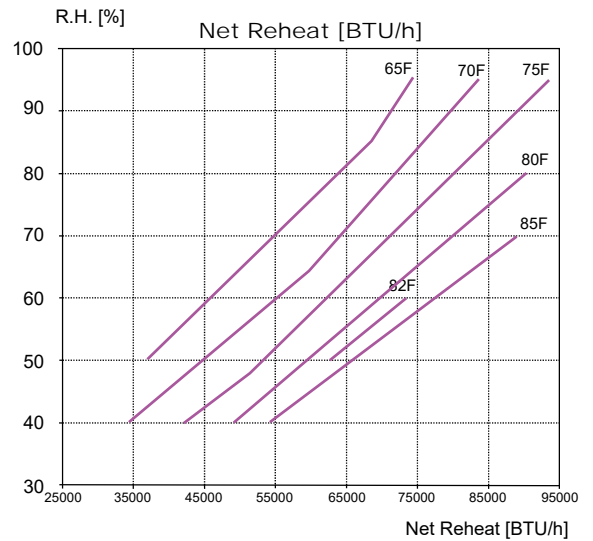
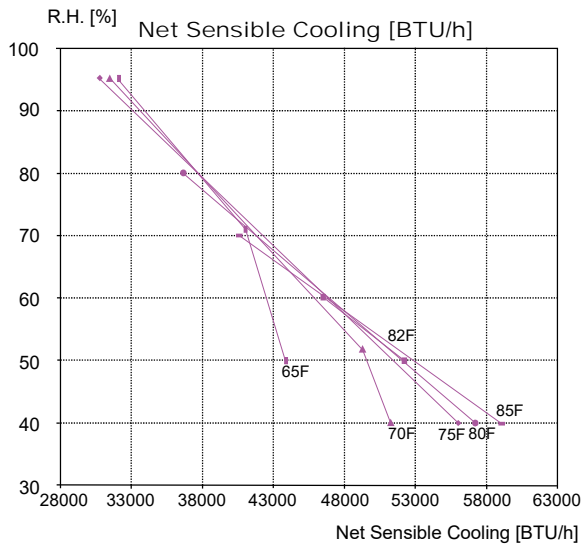
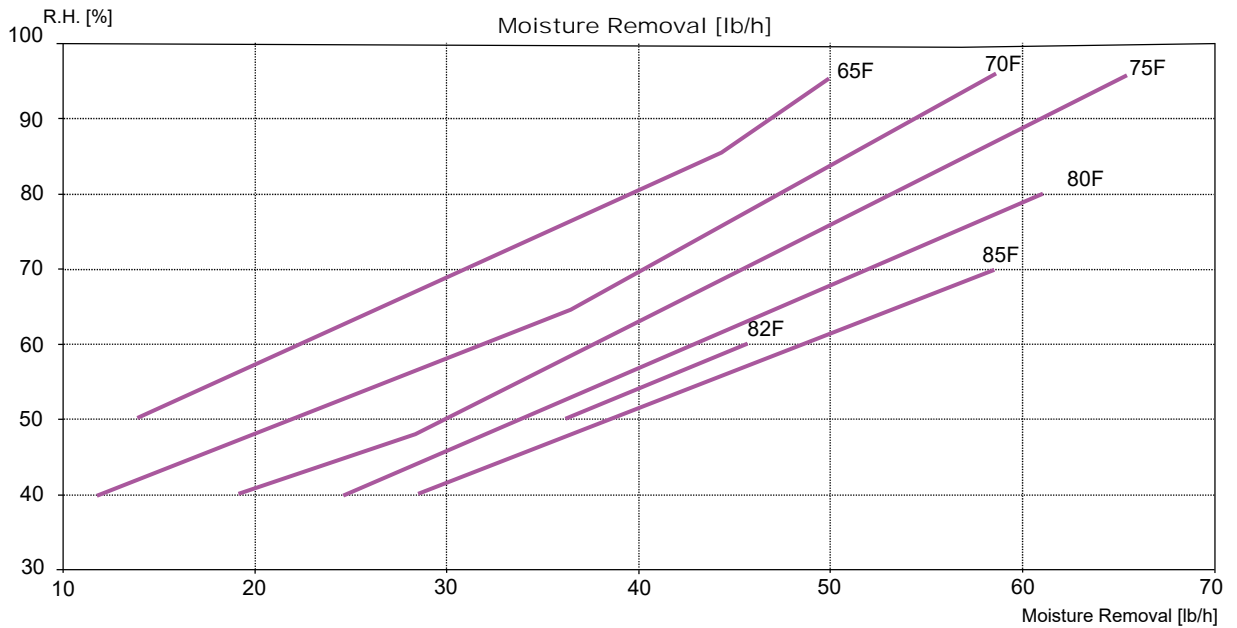


DCA 3500AV AIR COOLED - NON WATER HEATING DEHUMIDIFIER

VERTICAL

PERFORMANCE



Performance	82DB / 50% R.H.	82DB / 60% R.H.	Notes
Moisture Removal, LB/HR	36.4	46.0	1
Net Sensible Cooling, MBH	52.2	46.6	2
Net Reheat, MBH	62.6	73.6	3
Water Heating, MBH (Water Heating Models Only)	116.0	120.9	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

<b>Electrical</b>	<b>208/230V</b>	
Phase/Hz	1/60	CFM.....3500
Compressor B.T.U.	98,400	External Static Pressure.....0.50" H <sub>2</sub> O
Compressor RLA	(2) x 25.0	Refrigerant.....R-410A (Factory Charged 45 lbs.)
Compressor LRA	(2) x 134	Compressor Type.....Tandem Scroll
Blower Motor HP	3.0	Filter (Quantity: 4).....16" x 20" x 1" Fiberglass
Blower Motor FLA	15.2	Drain Connection.....1" Bar Drain
Unit FLA	67.1	DCA 3500AV Weight.....950 lbs.
Maximum Fuse Size	90	Liquid Inlet [inches O.D.] (up to 50') <sup>1</sup> .....0.625
Minimum Circuit Amp.	73.3	Hot Gas Outlet [inches O.D.] (up to 50') <sup>1</sup> .....1.125
Operating KW	10.62	

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

## STANDARD FEATURES

- MET Laboratory Safety Listed To UL 1995
- 3 Year Part Warranty
- Single Refrigeration Circuit
- Tandem 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
- 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
- Motorized Evaporator Bypass Damper
- Remote Ready Delete
- Defrost Timer Package
- Control Options
- Space Heating Options Available
- Other Options Available