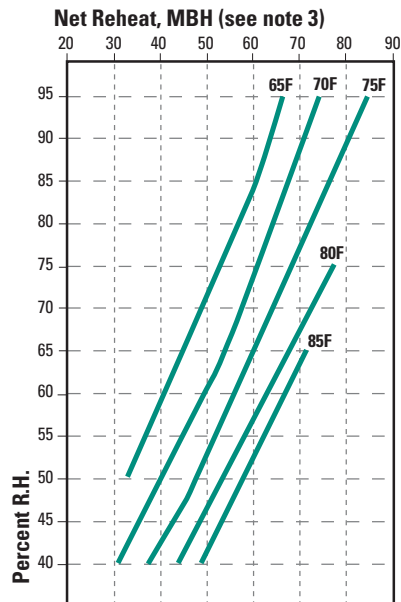
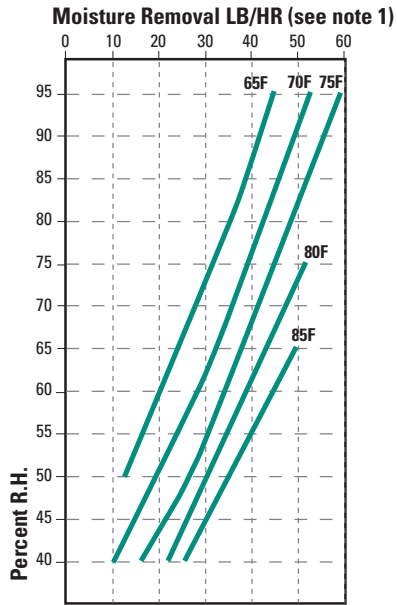


DCA3500 STANDARD DEHUMIDIFIER

DCA3500WH WATER HEATING DEHUMIDIFIER

PERFORMANCE



FEATURES

- MET Laboratory Safety Listed To UL 1995
- 3 Year Parts Warranty
- Single Refrigeration Circuit
- Dual Copeland Scroll Compressors
- Motorized Evaporator By-Pass Control
- Powder Coated, Galvannealed Steel
- Low Ambient Head Pressure Control
- Remote Condenser Ready Cabinets
- Rifle Tube Refrigeration Coils
- TEFC Blower Motor
- Stainless Steel Condensate Drain Pan
- Standard Microprocessor Control System
- Water Cooled Condenser For Water Heating Or A/C Available
- Many Other Options Available

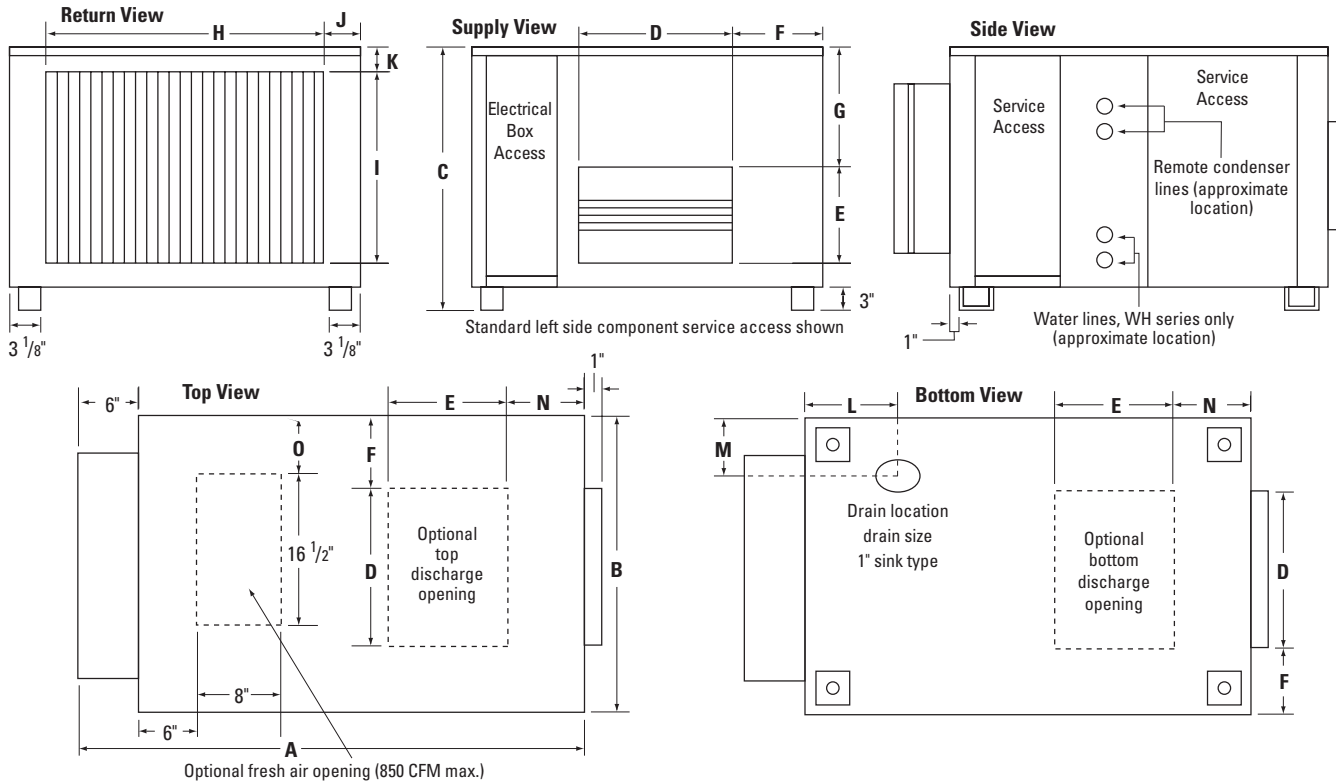
Performance	82DB / 50% R.H.	82DB / 60% R.H.	Notes
Moisture Removal LB/HR	32.9	41.6	1
Sensible Cooling, MBH	51.3	46.7	2
Net Reheat, MBH	56.2	66.2	3
Water Heating MBH	109.6	114.9	4

Notes:

1. Reheat mode assuming 1050 BTU/lb.
2. Cooling mode with remote air cooled condenser at 95.
3. Defined as sum of latent and compressor input. Use Dehumidifier for supplemental heat only.
4. Assuming 80F entering water temperature.
5. For conditions and data not shown contact the FAC.

DCA3500 STANDARD DEHUMIDIFIER DCA3500WH WATER HEATING DEHUMIDIFIER

DIAGRAMS



PHYSICAL DIMENSIONS

	DCA3500	DCA3500WH		DCA3500	DCA3500WH		DCA3500	DCA3500WH		DCA3500	DCA3500WH		DCA3500	DCA3500WH
A	66	71	D	18 5/8	18 5/8	G	3	4	J	4	4	M	5	5
B	45	55 1/4	E	16	16	H	40	50	K	5 1/2	2	N	8 1/2	8 1/2
C	34 1/2	49	F	7	7	I	25 1/8	40 1/4	L	12	13	O	6	4

DESIGN SPECIFICATIONS

Electrical	208/230V
Phase/Hz	1/60
Compressor B.T.U.	92,400
Compressor RLA	2 x 26.4
Compressor LRA	2 x 129
Blower Motor H.P.	2.0
Blower Motor FLA	10.0
Unit FLA	64.3
Maximum Fuse Size	90
Minimum Circuit Ampacity	70.9
Operating kW	8.76

M.R. (82°F/50%)	32.9 lbs./Hr.	Drain Connection	1" Bar Drain
M.R. (82°F/60%)	41.7 lbs./Hr.	DCA3500 Weight	1250 lbs.
CFM	3500	DCA3500WH Weight	1350 lbs.
External Static Pressure	0.50" H ₂ O	Water Inlet O.D.	1 3/8"
Refrigerant	R-22 (Factory Charged-40 lbs.)	Water Outlet O.D.	1 3/8"
Compressor Type	Scroll	Water Flow G.P.M.	15.0
Filter	1" Fiberglass	Pressure Drop (Ft. Wc)	8.2

Above data based on 50% RH + Return Air 82°F and Pool Water at 80°F

OTHER INFORMATION

OPTIONS: (Consult Factory)

- Right Side Component Access
- Outdoor Air Assembly with Damper & Filter Make Up
- Motorized Bypass Damper
- Top or Bottom Discharge
- External Static Upgrade
- Remote Ready Delete
- Extended Surface Filters 2" & 4"
- Heresite Coated Coils
- Defrost Timer Package
- Outdoor Installation Package
- Other

CAUTIONS: The reheat capacity rating includes latent recovery and heat of compression. It is recommended that dehumidifiers 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.

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