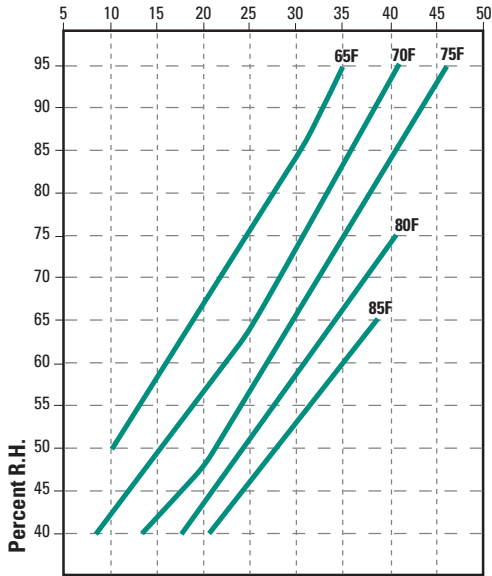


DCA3000 STANDARD DEHUMIDIFIER

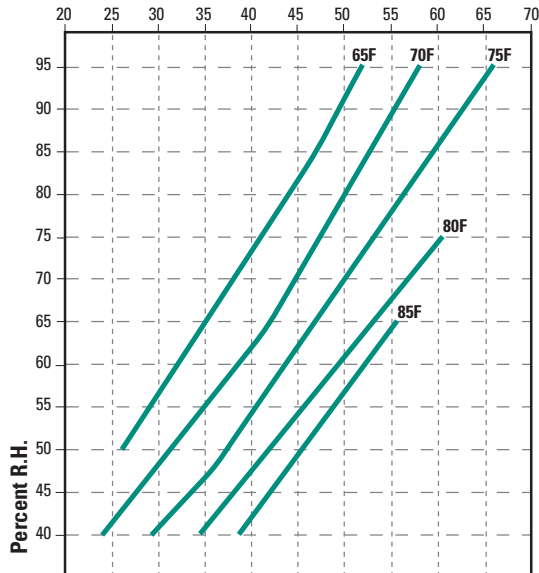
DCA3000WH WATER HEATING DEHUMIDIFIER

PERFORMANCE

Moisture Removal LB/HR (see note 1)



Net Reheat, MBH (see note 3)



FEATURES

- MET Laboratory Safety Listed To UL 1995
- 3 Year Parts Warranty
- Remote Condenser Ready
- Rifle Tube Refrigeration Coils
- Copeland Scroll Compressor
- Stainless Steel Condensate Drain Pan
- Low Ambient Head Pressure Control
- Powder Coated, Galvannealed Steel Cabinets
- TEFC Blower Motor
- Many Control Systems Available
- Many Make Up Air Provisions Available
- Water Cooled Condenser For Water Heating Or A/C Available
- Many Other Options Available

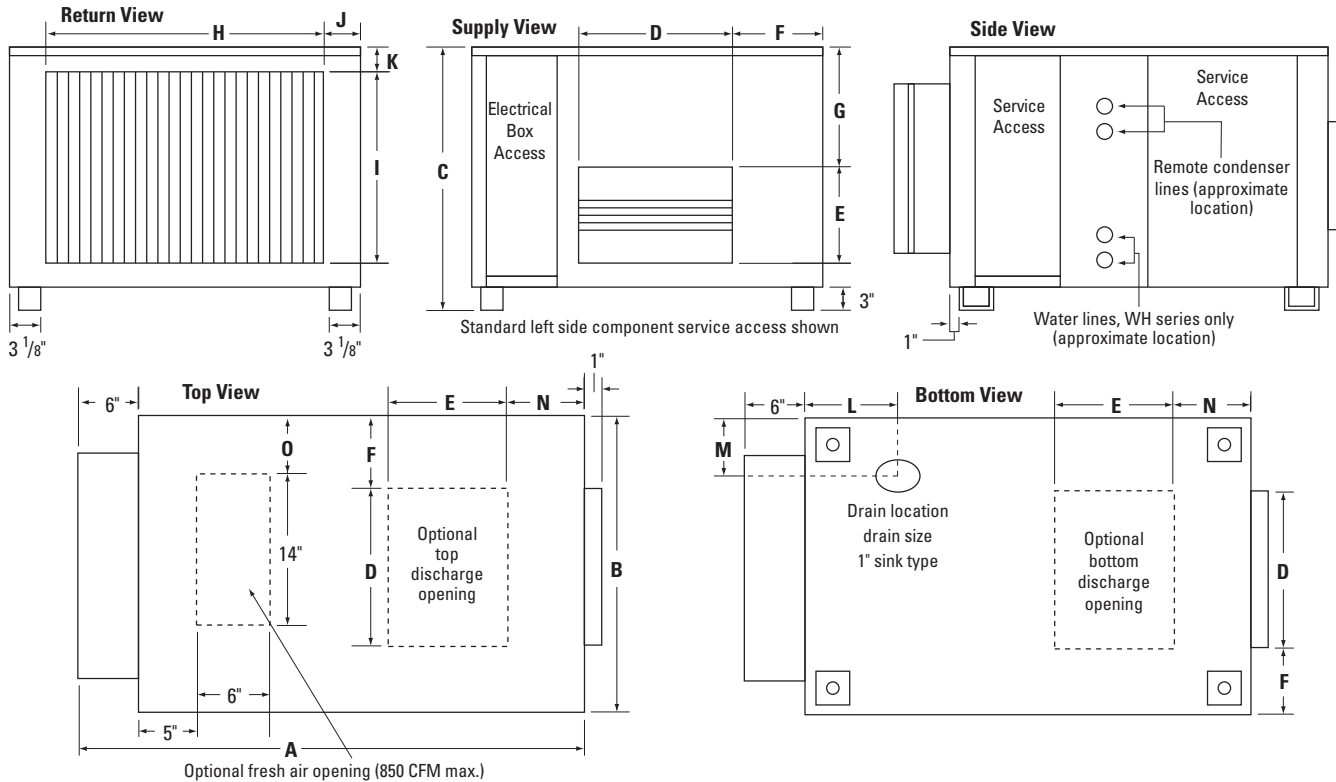
Performance	82DB / 50% R.H.	82DB / 60% R.H.	Notes
Moisture Removal LB/HR	25.8	32.7	1
Sensible Cooling, MBH	40.2	36.6	2
Net Reheat, MBH	44.0	51.8	3
Water Heating MBH	85.8	90.0	4

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.

DCA3000 STANDARD DEHUMIDIFIER DCA3000WH WATER HEATING DEHUMIDIFIER

DIAGRAMS



PHYSICAL DIMENSIONS

	DCA3000	DCA3000WH		DCA3000	DCA3000WH		DCA3000	DCA3000WH		DCA3000	DCA3000WH		DCA3000	DCA3000WH
A	66	71	D	18 7/8	18 7/8	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	208/230V	460V	575V
Phase/Hz	1/60	3/60	3/60	3/60
Compressor B.T.U.	68,000	70,000	70,000	70,000
Compressor RLA	27.9	20.7	10.0	8.2
Compressor LRA	129	156	70.0	54.0
Blower Motor H.P.	1.5	1.5	1.5	1.5
Blower Motor FLA	7.2	5.0	2.5	2.0
Unit FLA	36.6	27.2	13.3	10.9
Maximum Fuse Size	60	45	20	17.5
Minimum Circuit Ampacity	43.6	32.4	15.8	13.0
Operating kW	6.53	6.14	6.14	6.30

M.R. (82°F/50%).	.....25.8 lbs./Hr.	Drain Connection	.....1" Bar Drain
M.R. (82°F/60%).	.....32.7 lbs./Hr.	DCA3000 Weight	.....950 lbs.
CFM	.....3000	DCA3000WH Weight	.....1250 lbs.
External Static Pressure	....0.50" H ₂ O	Water Inlet O.D.	.....1 1/8"
Refrigerant	...R-22 (Factory Charged-40 lbs.)	Water Outlet O.D.	.....1 1/8"
Compressor Type	.....Scroll	Water Flow G.P.M.	.....11.0
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
- Extended Surface Filters 2" & 4"
- External Static Upgrade
- Remote Ready Delete
- Outdoor Installation Package
- Heresite Coated Coils
- Defrost Timer 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.

**W53 N550 HIGHLAND DRIVE
P.O. BOX 0917
CEDARBURG, WI 53012
PHONE: 262-377-7501
FAX: 262-377-7502
E-MAIL: info@dehumidifiercorp.com**

DCA DEHUMIDIFIER
CORPORATION
OF AMERICA

WEBSITE: www.dehumidifiercorp.com