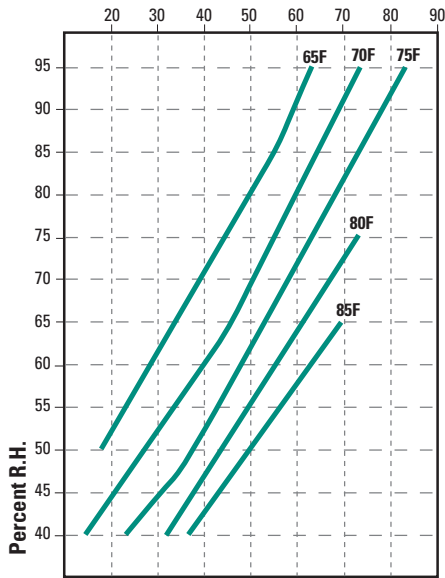


DCA4000 STANDARD DEHUMIDIFIER

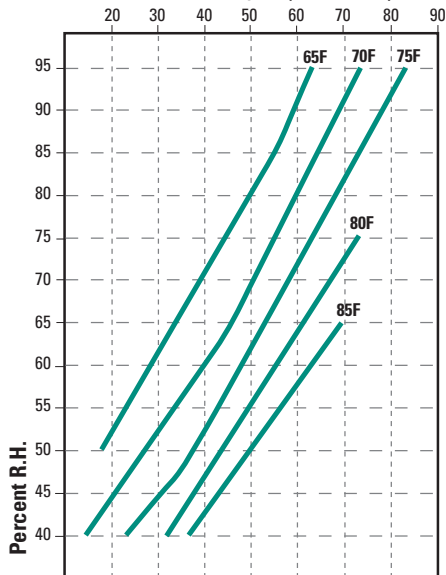
DCA4000WH WATER HEATING DEHUMIDIFIER

PERFORMANCE

Moisture Removal LB/HR (see note 1)



Moisture Removal LB/HR (see note 1)



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

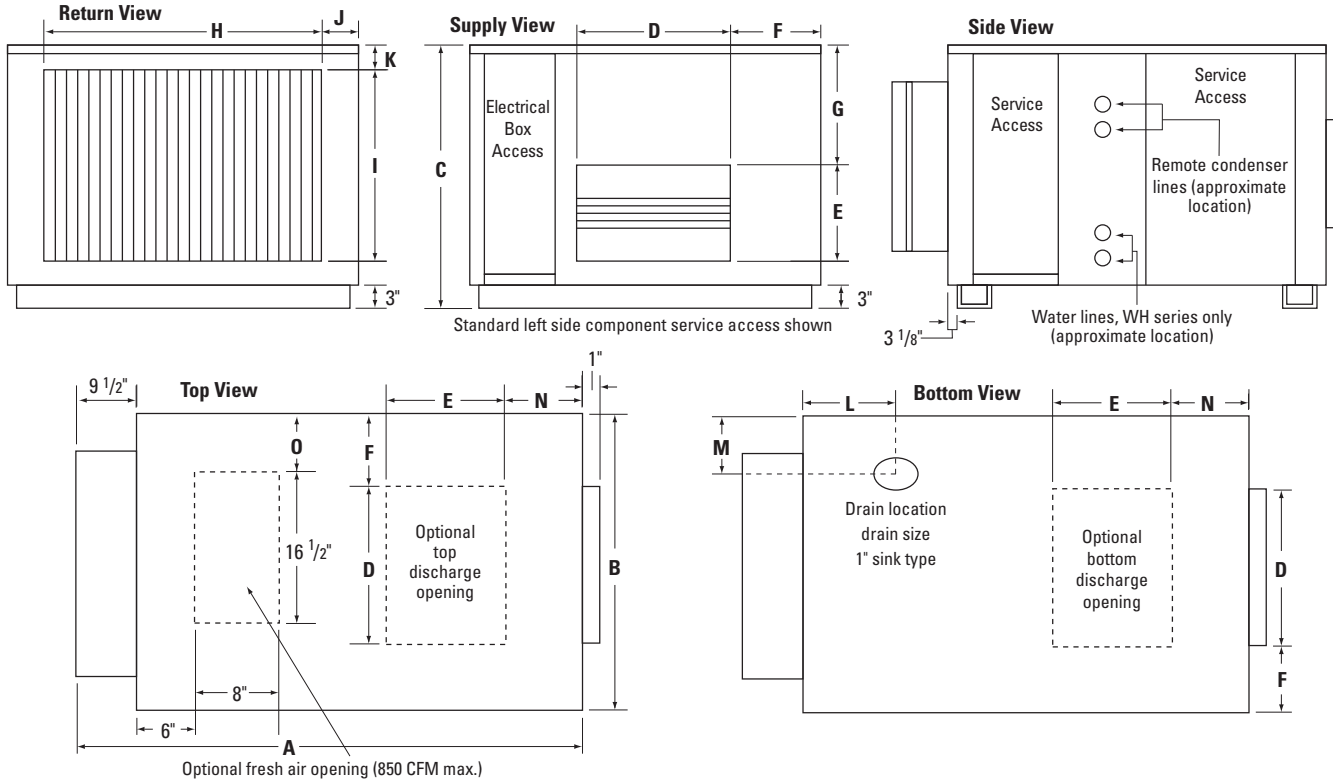
Performance	82DB / 50% R.H.	82DB / 60% R.H.	Notes
Moisture Removal LB/HR	40.0	50.6	1
Sensible Cooling, MBH	62.4	56.8	2
Net Reheat, MBH	68.5	80.5	3
Water Heating MBH	133.2	139.7	4

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.

DCA4000 STANDARD DEHUMIDIFIER DCA4000WH WATER HEATING DEHUMIDIFIER

DIAGRAMS



PHYSICAL DIMENSIONS

	DCA4000	DCA4000WH		DCA4000	DCA4000WH		DCA4000	DCA4000WH		DCA4000	DCA4000WH		DCA4000	DCA4000WH
A	74 1/2	74 1/2	D	18 5/8	18 5/8	G	4	4	J	4	4	M	5	5
B	55 1/4	55 1/4	E	16	16	H	50	50	K	4	4	N	8 1/2	8 1/2
C	49	49	F	7	7	I	40 1/4	40 1/4	L	13	13	O	6	4

DESIGN SPECIFICATIONS

Electrical	208/230V
Phase/Hz	1/60
Compressor M.B.H. A/B	61/61
Compressor RLA A/B	32.1/32.1
Compressor LRA A/B	148/148
Blower Motor H.P.	3.0
Blower Motor FLA	16.8
Unit FLA	82.5
Maximum Fuse Size	110
Minimum Circuit Ampacity	90.5
Operating kW	12.52

M.R. (82°F/50%).	47.5 lbs./Hr.	Drain Connection	1" Bar Drain
M.R. (82°F/60%).	56.2 lbs./Hr.	DCA3500 Weight	1550 lbs.
CFM	4000	DCA3500WH Weight	1650 lbs.
External Static Pressure	0.50" H ₂ O	Water Inlet O.D.	1 3/8"
Refrigerant	R-22 (Factory Charged-55 lbs.)	Water Outlet O.D.	1 3/8"
Compressor Type	Tandem Scroll	Water Flow G.P.M.	21.0
Filter	1" Fiberglass	Pressure Drop (Ft. Wc)	7.7

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.

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