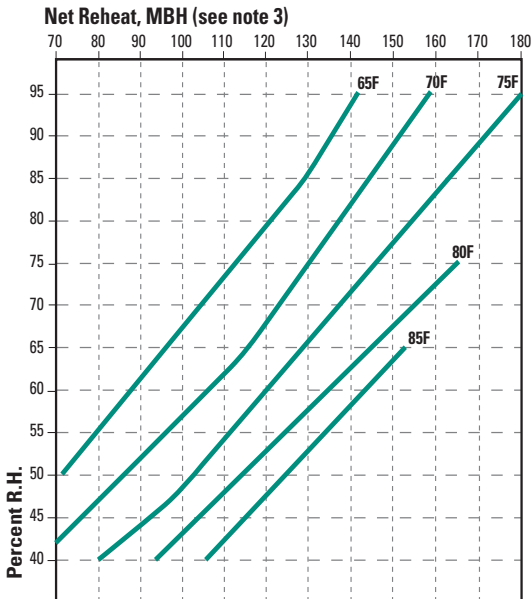
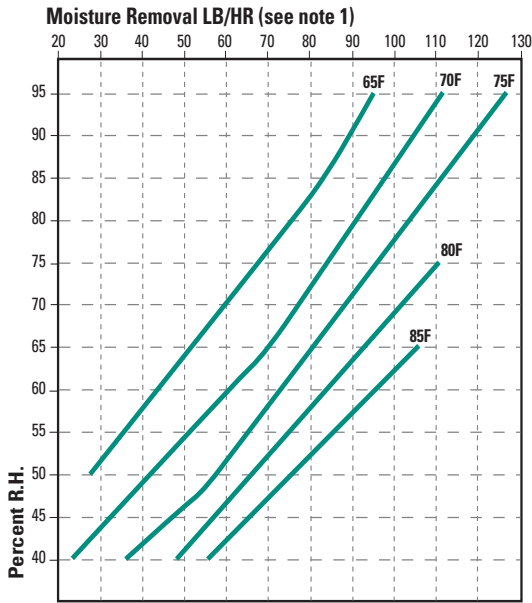


DCA7000 STANDARD DEHUMIDIFIER

DCA7000WH WATER HEATING DEHUMIDIFIER

PERFORMANCE



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
- room heating while dehumidifying (see specifications).*

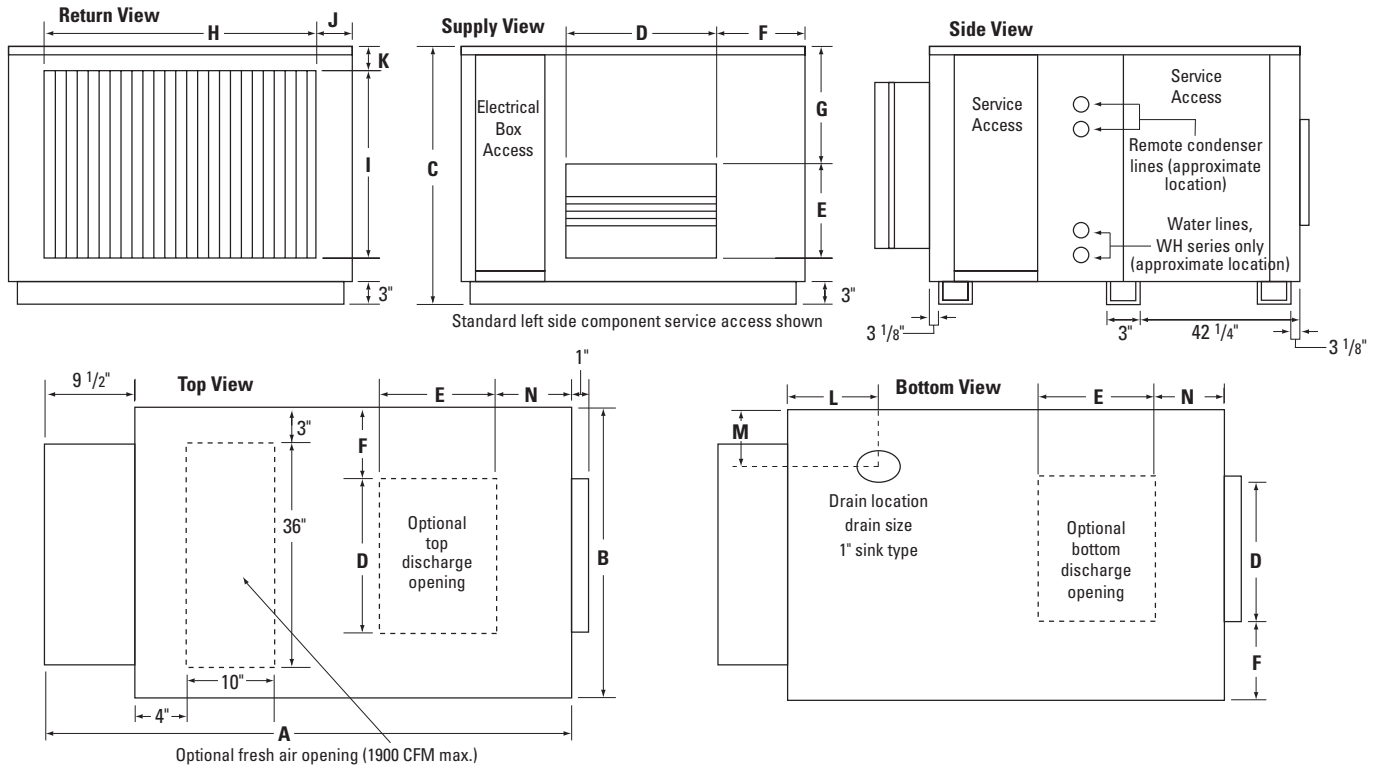
Performance	82DB / 50% R.H.	82DB / 60% R.H.	Notes
Moisture Removal LB/HR	70.4	89.0	1
Sensible Cooling, MBH	109.7	100.0	2
Net Reheat, MBH	120.5	141.7	3
Water Heating MBH	234.6	245.8	4

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.

DCA7000 STANDARD DEHUMIDIFIER DCA7000WH WATER HEATING DEHUMIDIFIER

DIAGRAMS



PHYSICAL DIMENSIONS

	DCA7000	DCA7000WH		DCA7000	DCA7000WH		DCA7000	DCA7000WH		DCA7000	DCA7000WH		DCA7000	DCA7000WH
A	97	97	D	22	22	G	14 1/2	14 1/2	J	4	4	M	5	5
B	55 1/4	55 1/4	E	19	19	H	50	50	K	4	4	N	10	10
C	49	49	F	11	11	I	40 1/4	40 1/4	L	13	13			

DESIGN SPECIFICATIONS

Electrical	208/230V	460V	575V
Phase/Hz	3/60	3/60	3/60
Compressor B.T.U.	190,000	190,000	190,000
Compressor RLA	55.2	27.2	24.3
Compressor LRA	425	187	148
Blower Motor H.P.	5.0	5.0	5.0
Blower Motor FLA	13.4	6.7	5.4
Unit FLA	70.1	34.7	30.4
Maximum Fuse Size	110	60	50
Minimum Circuit Ampacity	83.9	41.5	36.5
Operating kW	17.48	17.48	17.48

M.R. (82°F/50%)	.68.2 lbs./Hr.	Drain Connection	.1" Bar Drain
M.R. (82°F/60%)	.86.9 lbs./Hr.	DCA4200 Weight	.1875 lbs.
CFM	.6900	DCA4200WH Weight	.2100 lbs.
External Static Pressure	.0.50" H ₂ O	Water Inlet O.D.	.1 5/8"
Refrigerant	.R-22 (Factory Charged-80 lbs.)	Water Outlet O.D.	.1 5/8"
Compressor Type	.Scroll	Water Flow G.P.M.	.36.0
Filter	.4 -4" Pleated Filters	Pressure Drop (Ft. Wc)	.12.4

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
- Extended Surface Filters 2" & 4"
- Outdoor Installation Package
- Motorized Bypass Damper
- Remote Ready Delete
- 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.

DCA DEHUMIDIFIER CORPORATION OF AMERICA

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

WEBSITE: www.dehumidifiercorp.com