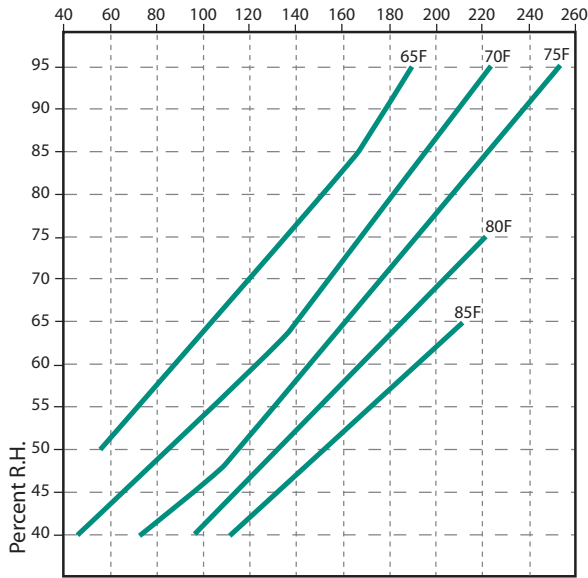


DCA 14000 STANDARD DEHUMIDIFIER

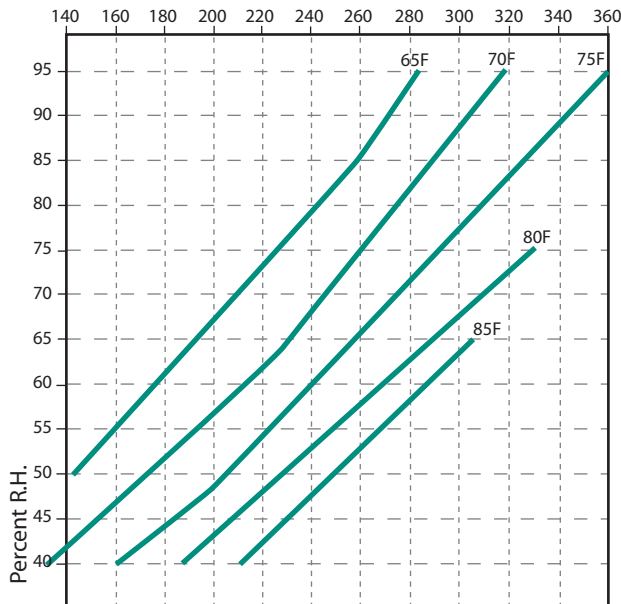
DCA 14000WH WATER HEATING DEHUMIDIFIER

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
- Dual Refrigeration Circuit Construction
- Dual Copeland Scroll Compressors
- Motorized Evaporator By-Pass Control
- Low Ambient Head Pressure Control
- 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
room heating while dehumidifying (see specifications).

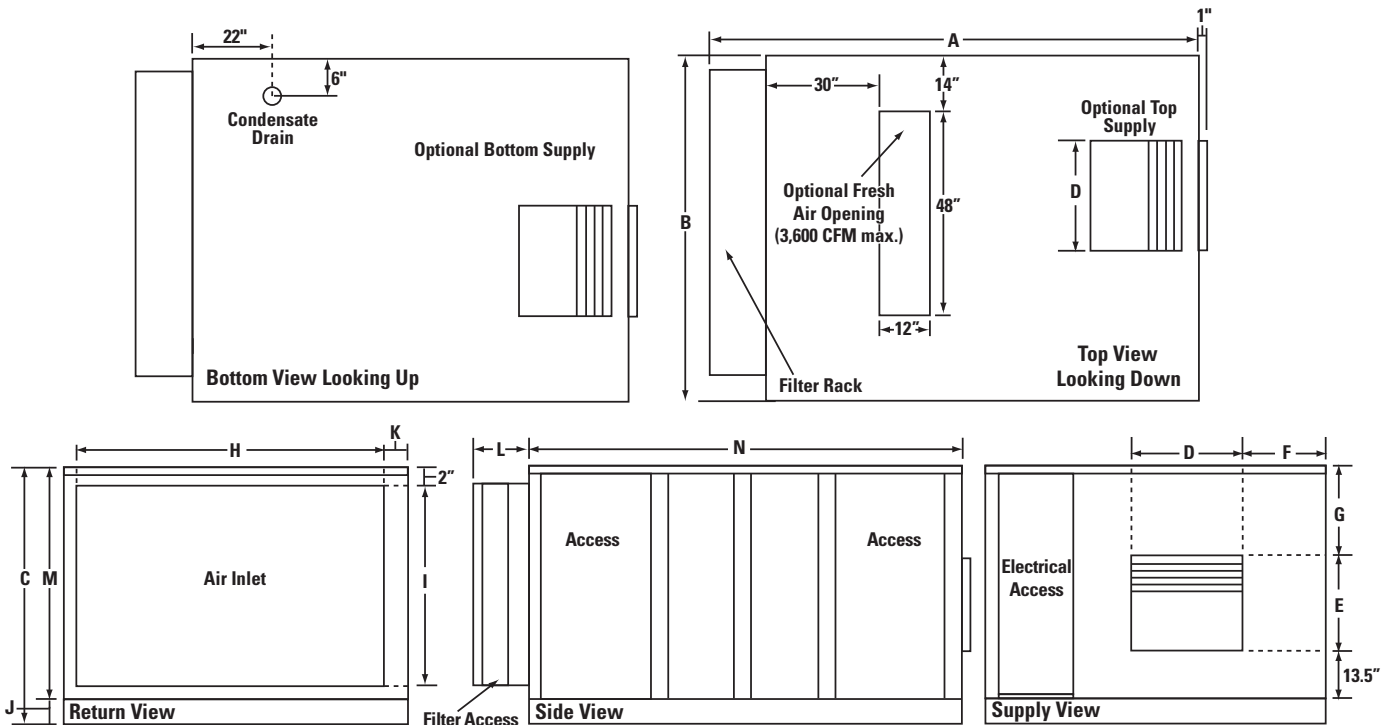
Performance	82DB / 50% R.H.	82DB / 60% R.H.	Notes
Moisture Removal LB/HR	140.8	178.0	1
Sensible Cooling, MBH	219.4	200.0	2
Net Reheat, MBH	241.0	283.4	3
Water Heating - A, MBH	234.6	245.9	4, 6
Water Heating - B, MBH	234.6	245.9	4, 6

Notes:

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

DCA14000 STANDARD DEHUMIDIFIER DCA14000WH WATER HEATING DEHUMIDIFIER

DIAGRAMS



PHYSICAL DIMENSIONS

DCA14000									
A	136 1/2	D	30	G	25 1/2	J	3	M	69
B	77	E	30	H	70 1/2	K	4	N	127
C	72	F	18	I	60 1/4	L	9 1/2		

DESIGN SPECIFICATIONS

Electrical	208/230V	460V	575V
Phase/Hz	3/60	3/60	3/60
Compressor M.B.H. A/B	190/190	190/190	190/190
Compressor RLA A/B	55.2/55.2	27.2/27.2	24.3/24.3
Compressor LRA A/B	425/425	187/187	148/148
Blower Motor H.P.	10.0	10.0	10.0
Blower Motor FLA	26.0	13.0	9.8
Unit FLA	138.3	68.4	59.3
Maximum Fuse Size	175	90	80
Minimum Circuit Ampacity	152.1	75.2	65.4
Operating kW	34.5	34.5	34.1

CFM	13,600	DCA14000 Weight	5,200 lbs.*
External Static Pressure	0.50" H ₂ O	Water Inlet O.D. A/B	1.625/1.625
Refrigerant R-22 Chare A/B	80lbs./80lbs.	Water Outlet O.D. A/B	1.625/1.625
Compressor Type	Scroll	Water Flow G.P.M. A/B	36.0/36.0
Filter 9 each	.20" x 24" x 4" pleated	Pressure Drop (Ft. WC) A/B	12.4/12.4
Drain Connection	1" Bar Drain		

*Weight shown is for basic unit with no options.
Contact factory for weight with options needed.

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
- Top or Bottom Discharge
- Outdoor Installation Package
- Outdoor Air Assembly with
- Damper & Filter Make Up
- External Static Upgrade
- Heresite Coated Coils
- 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.