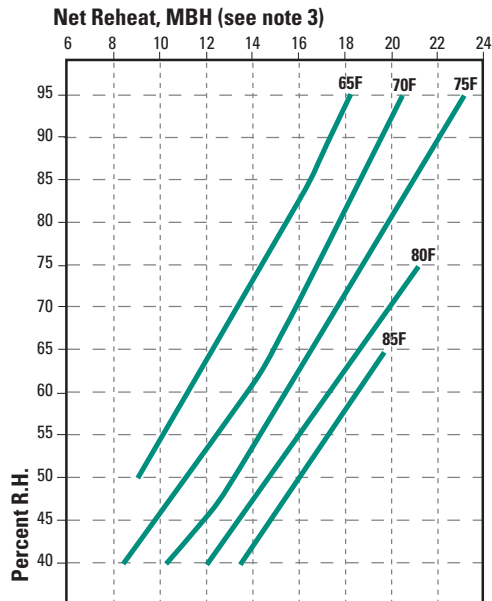
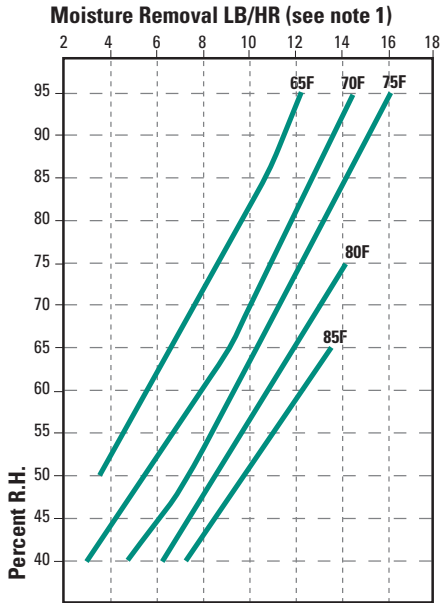


**DCA900 STANDARD DEHUMIDIFIER**

**DCA900WH 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

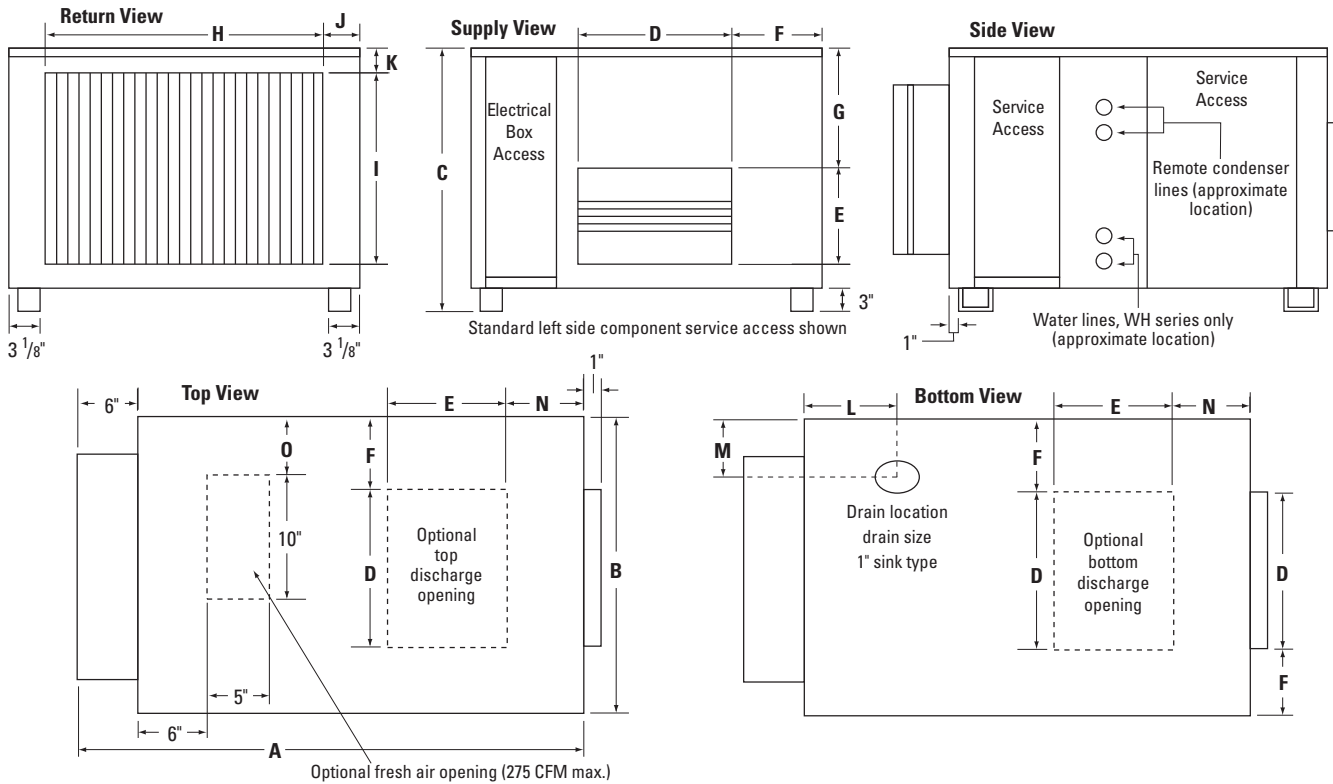
Performance	82DB / 50% R.H.	82DB / 60% R.H.	Notes
Moisture Removal LB/HR	9.1	11.5	1
Sensible Cooling, MBH	14.2	12.9	2
Net Reheat, MBH	15.5	18.3	3
Water Heating MBH	30.2	31.7	4

**Notes:**

1. Reheat mode assuming 1050 BTU/lb.
2. Cooling mode with remote air cooled condenser at 95F ambient.
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 factory.

# DCA900 STANDARD DEHUMIDIFIER DCA900WH WATER HEATING DEHUMIDIFIER

## DIAGRAMS



## PHYSICAL DIMENSIONS

	DCA900	DCA900WH		DCA900	DCA900WH		DCA900	DCA900WH		DCA900	DCA900WH		DCA900	DCA900WH
A	57 1/2	57 1/2	D	13 1/4	13 1/4	G	10 3/4	10 3/4	J	6	6	M	3 1/8	5
B	32 3/8	40 3/8	E	11 1/4	11 1/4	H	25	25	K	1 3/4	1 3/4	N	5	5
C	30 1/2	30 1/2	F	5	10 1/4	I	25 1/8	25 1/8	L	8	8	O	2	10

## DESIGN SPECIFICATIONS

Electrical	208/230V	208/230V	460V
Phase/Hz	1/60	3/60	3/60
Compressor B.T.U.	24,500	24,500	24,500
Compressor RLA	13.6	8.6	4.3
Compressor LRA	61	55	27
Blower Motor H.P.	0.5	0.5	0.5
Blower Motor FLA	4.4	2.0	1.0
Unit FLA	19.4	12.0	6.0
Maximum Fuse Size	30	20	10
Minimum Circuit Ampacity	22.8	14.2	7.0
Operating kW	2.57	2.52	2.52

M.R. (82°F/50%).	. . . . .9.1 lbs./Hr.	Drain Connection	. . . . .1" Bar Drain
M.R. (82°F/60%).	. . . . .11.5 lbs./Hr.	DCA900 Weight	. . . . .550 lbs.
CFM	. . . . .950	DCA900WH Weight	. . . . .690 lbs.
External Static Pressure	. . . . .0.50" H <sub>2</sub> O	Water Inlet O.D.	. . . . .5/8"
Refrigerant	. . . . .R-22 (Factory Charged-18 lbs.)	Water Outlet O.D.	. . . . .5/8"
Compressor Type	. . . . .Scroll	Water Flow G.P.M.	. . . . .4.0
Filter	. . . . .1" Fiberglass	Pressure Drop (Ft. Wc)	. . . . .7.0

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.

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