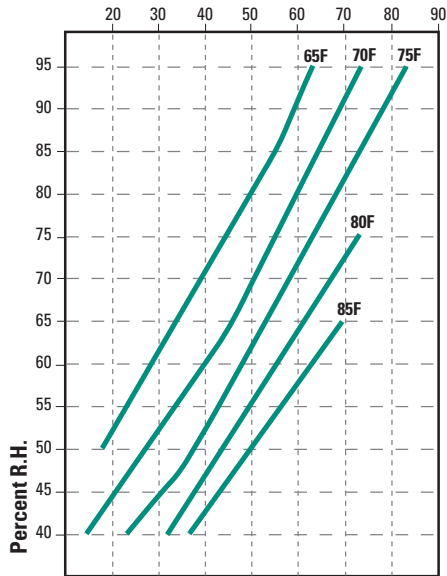


## DCA4200 STANDARD DEHUMIDIFIER

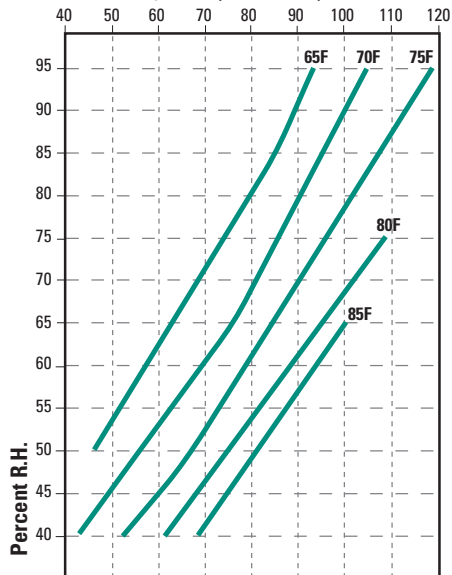
## DCA4200WH WATER HEATING DEHUMIDIFIER

### 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

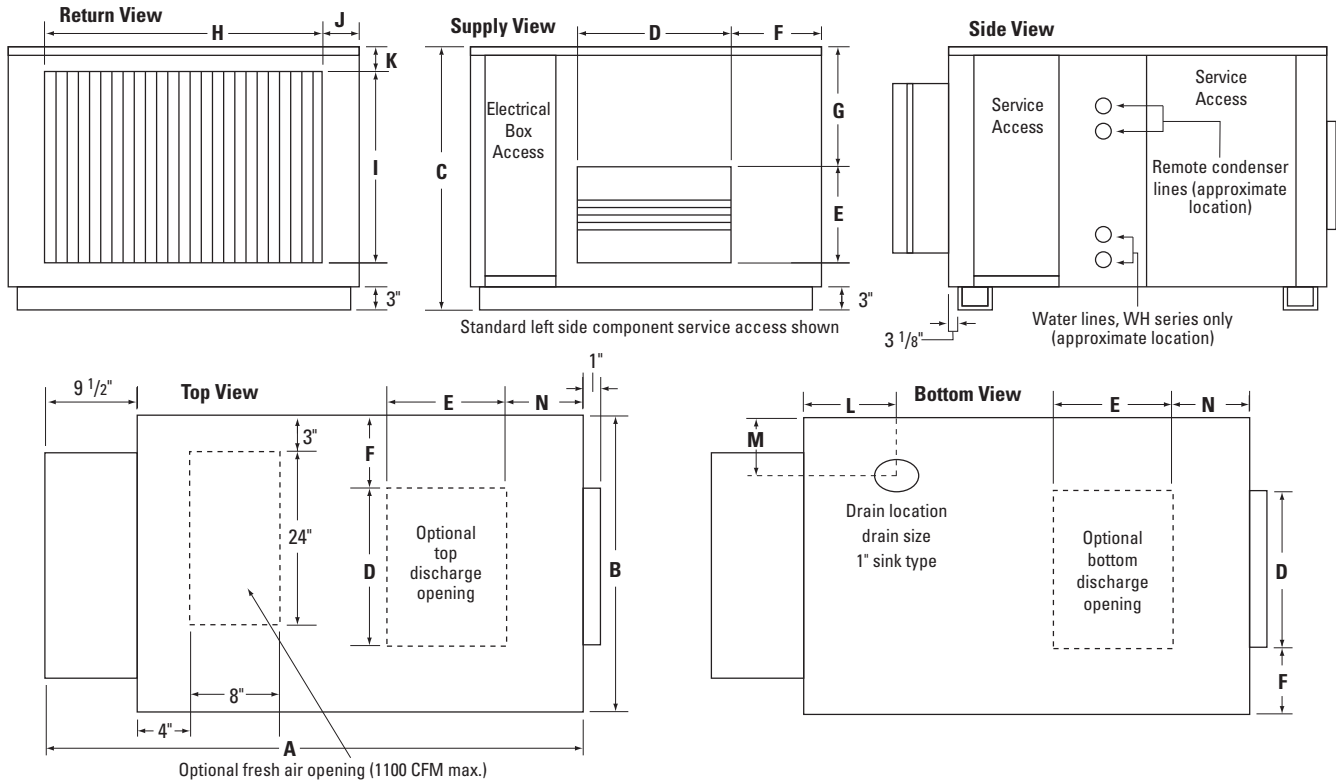
Performance	82DB / 50% R.H.	82DB / 60% R.H.	Notes
Moisture Removal LB/HR	46.3	58.6	1
Sensible Cooling, MBH	72.2	65.8	2
Net Reheat, MBH	79.3	93.2	3
Water Heating MBH	154.3	161.7	4

**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.

# DCA4200 STANDARD DEHUMIDIFIER DCA4200WH WATER HEATING DEHUMIDIFIER

## DIAGRAMS



## PHYSICAL DIMENSIONS

	DCA4200	DCA4200WH		DCA4200	DCA4200WH		DCA4200	DCA4200WH		DCA4200	DCA4200WH		DCA4200	DCA4200WH
<b>A</b>	74 1/2	74 1/2	<b>D</b>	18 5/8	18 5/8	<b>G</b>	4	4	<b>J</b>	4	4	<b>M</b>	5	5
<b>B</b>	55 1/4	55 1/4	<b>E</b>	16	16	<b>H</b>	50	50	<b>K</b>	4	4	<b>N</b>	8 1/2	8 1/2
<b>C</b>	49	49	<b>F</b>	7	7	<b>I</b>	40 1/4	40 1/4	<b>L</b>	13	13			

## DESIGN SPECIFICATIONS

Electrical	208/230V	460V	575V
Phase/Hz	3/60	3/60	3/60
Compressor B.T.U.	125,000	125,000	125,000
Compressor RLA	38.6	18.9	15.7
Compressor LRA	278	127	100
Blower Motor H.P.	3.0	3.0	3.0
Blower Motor FLA	8.8	4.4	3.5
Unit FLA	48.9	24.1	19.9
Maximum Fuse Size	80	40	35
Minimum Circuit Ampacity	58.6	28.8	23.8
Operating kW	11.62	11.62	11.61

M.R. (82°F/50%).	47.5 lbs./Hr.	Drain Connection	1" Bar Drain
M.R. (82°F/60%).	56.2 lbs./Hr.	DCA4200 Weight	1450 lbs.
CFM	4200	DCA4200WH Weight	1550 lbs.
External Static Pressure	0.50" H <sub>2</sub> O	Water Inlet O.D.	1 3/8"
Refrigerant	R-22 (Factory Charged-55 lbs.)	Water Outlet O.D.	1 3/8"
Compressor Type	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
- 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

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