**PERFORMANCE**

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**Moisture Removal LB/HR (see note 1)**

- 82DB / 50% R.H. 70.4
- 82DB / 60% R.H. 89.0

**Net Reheat, MBH (see note 3)**

- 82DB / 50% R.H. 109.7
- 82DB / 60% R.H. 100.0

**Performance 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.

**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).
### Right Side Component Access
- Top or Bottom Discharge
- Extended Surface Filters 2” & 4”
- Outdoor Installation Package
- Motorized Bypass Damper
- Remote Ready Delete
- Defrost Timer Package

### Top View
- Optional fresh air opening (1900 CFM max.)

### Bottom View
- Drain location
- Optional bottom discharge opening

### Design Specifications

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### Physical Dimensions

- **Electrical**
  - 208/230V: 3/60
  - 460V: 3/60
  - 575V: 3/60

- **Compressor B.T.U.**
  - 190,000

- **Compressor LRA**
  - 425

- **Blower Motor H.P.**
  - 5.0

- **Blower Motor FLA**
  - 13.4

- **Unit FLA**
  - 70.1

- **Maximum Fuse Size**
  - 110

- **Minimum Circuit Ampacity**
  - 83.9

- **Operating kW**
  - 17.48

### Other Information

- **Designer M.R.**
  - (82°F/50%) 68.2 lbs./Hr.
  - (60%) 66.9 lbs./Hr.

- **Refrigerant**
  - R-22 (Factory Charged-80 lbs.)

- **Compressor Type**
  - Scroll

- **Filter**
  - 4 - 4” Pleted Filters

- **Drain Connection**
  - 1” Bar Drain

- **Water Inlet O.D.**
  - 1 5/8"

- **Water Outlet O.D.**
  - 1 5/8"

- **Water Flow G.P.M.**
  - 36.0

- **Pressure Drop (Ft. Wc)**
  - 12.4

**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.

**Certifications:**
- WPA
- NAFB
- AIREC
- NSF
- AHAM

**Emergency Numbers:**
- 262-377-7501
- 262-377-7502

**Website:**
- www.dehumidifiercorp.com