


| Tube Diameter | | |
|---------------|------|------|
| ID | Inch | MM |
| process | .256 | 6.5 |
| suction | .256 | 6.5 |
| discharge | .194 | 4.94 |

Technical Specifications Rev 04-2014

| Mechanical Data | English | Metric | Electrical Data | |
|---------------------------------------|------------------------|----------|-----------------------------------|----------|
| Bore | 0.89 in | 22.5 mm | Motor: | |
| Stroke | 0.71 in | 18 mm | VCC | 1 |
| Displacement | 0.436 cu in | 7.15 cc | Voltage | 53-150Hz |
| Speed | 1,600 RPM to 4,500 RPM | | Voltage range | 230V-3P |
| Weight | 23.21 lb. | 10.53 kg | Run winding resistance at 25° C | 98-140V |
| Oil Charge | 14.54 fl. oz. | 430 ml | Start winding resistance at 25° C | 6.4 Ω |
| Oil type | POE | ISO10 | Locked rotor current | 6.4 Ω |
| Compressor Cooling: Static. | | | FLA: LBP-60Hz | 3.3 amps |
| | | | 3.3 amps | |
| Restrictor: Capillary Tube | | | Capacitor: | |
| | | | Start Cap | N/A |
| | | | Run Cap | N/A |

| | | | | |
|---|------------------|------------|------------------------|-------------|
|  | W10276644 | LBP | 230V-3P | 134a |
| Specifications | | | Usage | |
| Approximate H. P. | 1/4 | | Drinking Water Coolers | |
| Starting Torque | Normal | | Dehumidifiers | |
| Refrigerant | 134a | | Ice Machines | |
| Evaporator Temperature | Low | | Reach In Refrigerators | |
| Evaporator Temperature | -31' to 14'F | | Beer Coolers | |

| LBP Performance | | | | | |
|-------------------|-------|-----------------------------------|-------------------|-------|-------|
| Temperature °F | -22 | -10 | -4 | 5 | 14 |
| Capacity BTU.Hr | 774 | 1,066 | 1,144 | 1,295 | 1,445 |
| Power W | 161 | 180 | 178 | 174 | 170 |
| Current Amps | 2.05 | 2.29 | 2.31 | 2.29 | 2.24 |
| Temperature °C | -30 | -23.3 | -20 | -15 | -10 |
| Capacity Kcal/Hr | 195 | 269 | 288 | 326 | 364 |
| LBP Rating ASHRAE | | Rating Point (bolded above) | HBP Rating ASHRAE | | |
| Condensing | 130°F | | Condensing | 130°F | |
| Evaporator | -10°F | | Evaporator | 45°F | |
| Return Gas | 90°F | | Return Gas | 95°F | |
| Ambient | 90°F | | Ambient | 95°F | |
| Liquid Temp. | 90°F | | Liquid Tempo. | 115°F | |

| Material | Part number | Description | |
|------------|-------------|-------------|--|
| Compressor | 513803005 | VEGZ7H | |
| Relay | VCC | | |
| Overload | VCC | | |
| Grommet | 2221003 | | |
| Sleeve | 2222015 | | |

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