AHP-2259 Air Conditioner/Heat Exchanger

Air Cooled Through Mounted Nema-12, 4

100 - 240 VAC Input
High Efficiency
1330 BTU/HR

FEATURES
- High efficiency thermoelectric design
- Power saving air to air heat exchanger mode (ECO-Mode)
- Heavy duty full perimeter mounting
- Lower profile intrusion into enclosure
- Central input cord for easy mounting
- Closed loop design
- Condensate control and evaporation system
- Compact
- Increased efficiency at higher ambients by as much as 10%
- Virtually maintenance free
- No compressor
- Environmentally friendly and safe
- Stainless Steel exterior housing
- Mounts and operates in any orientation
- Integral temperature controller
- Weight 55 LBS.

CONTROL TEMPERATURES
- Active Cooling: 35 °C
- Heat Exchanger (ECO-Mode): 25 °C
- Active Heating: 10 °C
- Typical Hysteresis: 5 °C
- Operating Ambient: -40/+65 °C
- Operating Enclosure: -10/+60 °C

POWER INPUTS
- Input Voltage: 100 - 240 VAC
- Current, Active: 3.0 - 1.3 AMPs
- Alternate Input voltage: 127 - 374 VDC
- Current, ECO-Mode: 1 AMP
- Frequency: 47 - 63 / 440 Hz
- Power Consumption: 320 Watts

PERFORMANCE RATINGS
- Cooling (Traditional): 1330 BTU/HR
- Cooling (Din 3168): 390 WATTS
- Cooling COP (at L35 L35): 1.35
- Heating (Traditional): > 980 BTU/HR
- Heating (Din 3168): > 290 WATTS
- Heating COP: > 1.0
- Heat Exchanger (ECO-Mode): 12.5 W/°C

CONFIGURATIONS

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<th>TEMPERATURE CONTROL</th>
<th>ENVIRONMENT</th>
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<td>AHP-2259</td>
<td>0-H4JB-0-000</td>
<td>Cool only, industrial fans</td>
<td>TC-4F</td>
<td>NEMA-12, IP 52</td>
</tr>
<tr>
<td>AHP-2259</td>
<td>0-H45B-0-000</td>
<td>Cool only, industrial fans</td>
<td>EXT*</td>
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<tr>
<td>AHP-2259HC</td>
<td>0-H4IB-1-000</td>
<td>Heat/Cool, industrial fans</td>
<td>TC-7F</td>
<td>NEMA-12, IP 52</td>
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<tr>
<td>AHP-2259XE</td>
<td>0-H4JB-4-000</td>
<td>Cool only, sealed hot side fans</td>
<td>TC-4F</td>
<td>NEMA-4, IP 56</td>
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<tr>
<td>AHP-2259XEHC†</td>
<td>0-H4LB-5-000</td>
<td>Heat/Cool, sealed hot side fans</td>
<td>TC-5300D</td>
<td>NEMA-4, IP 56</td>
</tr>
</tbody>
</table>

† Precise temperature control model
* Unit is set for 5-32 VDC external signal, relay(s) included

INCLUDES
- Power supply
- Temperature controller
- Power saving heat exchanger mode (ECO-Mode)
- Mounting gasket
- Mounting hardware
- Power input cord

TECA 1-888-TECA-USA (832-2872) www.thermoelectric.com

200 - 277 VAC (254 - 420 VDC) Versions available
AHP-2259

MOUNTING STYLE
Through Mounted

ENVIRONMENTS SERVED
NEMA-12    IP 52
NEMA-4     IP 56

RATING (TRADITIONAL)
1330 BTU/hr @ 0 °F ΔT

RATING (DIN 3168)
390 Watts L35 L35
170 Watts L35 L50

DIMENSIONS

Dimensions do not include hardware
Mounting hardware and gasket included but not shown
Dimensions: Inches [Millimeters]

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