WHPSK SERIES DIVISION 2 / ZONE 2
Explosion Proof Division 2 Hazardous Location Heat Pump Room Air Conditioners
Hazardous Location N.E.C. and I.E.C. Approved

60 Hertz Models

Standard Features

- All Electrical Components are UL and / or CSA Approved
- Explosion Proof Built-In Operational Controls
- Controls can be Accessed for Fast and Easy Maintenance
- Non Sparking Blower and Condenser Designs
- N.E.C. Approved Overload Protection Installed on Motor and Compressor
- Aluminum Fin and Copper Tube Coils for Maximum Heat Transfer
- N.E.C. “Certificate of Conformance” Issued
- Operation, Maintenance & Installation Manuals Included

Offering The Keys to Success:
Quality
Pricing
On Time Delivery

225.303.0007
sales@explosionproof.net
www.explosionproof.net

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4133 Evan Brooks Drive
Baton Rouge, Louisiana 70814
System Description

Safe Air Technology WHPSK Series: Thru-Wall/Window Units are fully tested for operational performance and compliance to ensure customer satisfaction. Our units are designed to provide cooling for Industrial severe duty applications, our quality of engineering and manufacturing will ensure many years of reliable service.

Safe Air Technology will provide NEC / IEC “Certificates of Conformance” for each WHPSK unit to show compliance with National Electric Code Articles 500-515 guidelines for explosion proof equipment in hazardous locations.

Please contact our Sales department at sales@explosionproof.net or by phone at 225.303.0007 with any questions that you may have. We look forward to working with you and serving your HVAC/R needs.

System Applications

- Industrial Refineries
- Chemical Plants
- Offshore Platforms
- Gas Plants and Pipelines
- Fuel Transfer Docks and Pumping Stations
- Analyzer Buildings
- MCC Rooms
- Control Rooms

Available Options

-ADC Adsil Coated Coils and All Copper Lines for Corrosion Protection
-B Meets Group B Classification
-CC Copper Tube and Copper Fin Coils
-CRT Export Crate for Sea/Air Shipping
-DSI Disconnect Switch Installed
-EPX 646 Micro Epoxy Coated Housing
-HCC Heresite Coated Coils
-HG Hot Gas Bypass Valve Installed
-MOD Custom Modification (Consult Sales Dept.)
-RT Remote Thermostat
-SH6 316 Stainless Steel Housing
-MG1 Marine Grade Coating Option 1
-MG2 Marine Grade Coating Option 2

NOTE:
If an option you require due to your specifications is not listed, please contact our Sales Engineering Department. We will be happy to assist in ensuring that your system fully complies with your specifications.
## WHPSK-Series 60 Hz Systems

<table>
<thead>
<tr>
<th>Model (1) 60 Hz</th>
<th>BTU/HR Cooling/ Heating</th>
<th>Power Supply Volts/Ph/Hz</th>
<th>Cooling/ Heating Amps</th>
<th>Wire Size (2)</th>
<th>Fuse Size (3)</th>
<th>Air Flow CFM</th>
<th>Housing Size</th>
<th>Unit Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHPSK-9500-1-ICD2-***</td>
<td>9,500 / 7,500</td>
<td>115/1/60</td>
<td>7.8 / 7.6</td>
<td>12</td>
<td>15</td>
<td>285</td>
<td>S</td>
<td>131</td>
</tr>
<tr>
<td>WHPSK-12100-2-ICD2-***</td>
<td>12,100 / 9,400</td>
<td>208-230/1/60</td>
<td>5.2/5.4</td>
<td>12</td>
<td>15</td>
<td>265</td>
<td>S</td>
<td>136</td>
</tr>
<tr>
<td>WHPSK-18200-2-ICD2-***</td>
<td>18,200 / 15,400</td>
<td>208-230/1/60</td>
<td>8.5/8.9</td>
<td>12</td>
<td>20</td>
<td>370</td>
<td>M</td>
<td>152</td>
</tr>
<tr>
<td>WHPSK-24000-2-ICD2-***</td>
<td>24,000 / 23,500</td>
<td>208-230/1/60</td>
<td>11.1/12.0 13.4/12.6</td>
<td>12</td>
<td>20</td>
<td>600</td>
<td>L</td>
<td>212</td>
</tr>
</tbody>
</table>

WHPSK Heat Pump Windows Units are Designed to Run in Heat Pump Mode at Temperatures of 55°F and above.

Auxiliary Heat does not Come Standard on WHPSK Units Due to the NEC Hazardous Location Requirements. Please Contact Safe Air Technology to Discuss Explosion Proof Heating Options.

**NOTES:**
1. See WHPSK Nomenclature for Unit ID ( Pg. 5)
2. THHN 75°C Copper Wire
3. Delay Fuse or Approved Circuit Breaker
4. (***) Options that can be added. See Page 2 (* NEC Group "B" Available Upon Request)

**IMPORTANT NOTICE:**

T Codes: It is important to know the auto ignition temperature of the gas or vapor the unit will be operating in or around. The gas or vapor temperature must be above the rating of the equipment.
## WHPSK-Series Cabinet Measurements

<table>
<thead>
<tr>
<th>Housing</th>
<th>Height</th>
<th>Width</th>
<th>Depth With Front</th>
<th>Depth Hood to Louvers</th>
<th>Minimum Extension into Room</th>
<th>Minimum Extension Outside</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>15-15/16</td>
<td>25-15/16</td>
<td>29</td>
<td>8-3/4</td>
<td>5-3/4</td>
<td>16-15/16</td>
</tr>
<tr>
<td>M</td>
<td>17-15/16</td>
<td>25-15/16</td>
<td>29</td>
<td>8-3/4</td>
<td>5-3/4</td>
<td>16-15/16</td>
</tr>
<tr>
<td>L</td>
<td>20-3/16</td>
<td>28</td>
<td>35-1/2</td>
<td>16-1/2</td>
<td>5-3/8</td>
<td>18-15/16</td>
</tr>
</tbody>
</table>

**Note:**
Add 1/4” to the Height and Width of the Housing for the Wall Cutout Size

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**Note:** Dimensions Subject to Change, Contact the Sales Engineering Department for Updated Dimensions

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## WHPSK Shipping Weights and Dimensions

### 60 Hertz Units

<table>
<thead>
<tr>
<th>Model 60 Hz</th>
<th>Packaging</th>
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</thead>
<tbody>
<tr>
<td>WHPSK-9500-1-ICD2.***</td>
<td>B</td>
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<tr>
<td>WHPSK-12100-2-ICD2.***</td>
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<tr>
<td>WHPSK-18200-2-ICD2.***</td>
<td>C</td>
</tr>
<tr>
<td>WHPSK-24000-2-ICD2.***</td>
<td>C</td>
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</table>

## WHPSK Packaging Information

### Standard Packaging Data

<table>
<thead>
<tr>
<th>Packaging Code</th>
<th>Length</th>
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<th>Height</th>
<th>Weight</th>
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<tbody>
<tr>
<td>A</td>
<td>48”</td>
<td>40”</td>
<td>26”</td>
<td>150 LBS</td>
</tr>
<tr>
<td>B</td>
<td>48”</td>
<td>40”</td>
<td>30”</td>
<td>200 LBS</td>
</tr>
<tr>
<td>C</td>
<td>48”</td>
<td>40”</td>
<td>32”</td>
<td>230 LBS</td>
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<tr>
<td>D</td>
<td>48”</td>
<td>40”</td>
<td>34”</td>
<td>300 LBS</td>
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### Single Crate Data

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<th>Length</th>
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<th>Height</th>
<th>Weight</th>
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<tbody>
<tr>
<td></td>
<td>46”</td>
<td>36”</td>
<td>40”</td>
<td>300 LBS</td>
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<tr>
<td></td>
<td>46”</td>
<td>36”</td>
<td>40”</td>
<td>350 LBS</td>
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<td></td>
<td>46”</td>
<td>36”</td>
<td>40”</td>
<td>380 LBS</td>
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<tr>
<td></td>
<td>46”</td>
<td>36”</td>
<td>40”</td>
<td>450 LBS</td>
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</table>

### Double Crate Data

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<thead>
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<th></th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>46”</td>
<td>36”</td>
<td>68”</td>
<td>500 LBS</td>
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<tr>
<td></td>
<td>46”</td>
<td>36”</td>
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<td>600 LBS</td>
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<td></td>
<td>46”</td>
<td>36”</td>
<td>68”</td>
<td>660 LBS</td>
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<tr>
<td></td>
<td>46”</td>
<td>36”</td>
<td>68”</td>
<td>800 LBS</td>
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4133 Evan Brooks Drive  
Baton Rouge, Louisiana 70814
WHPSK-Heat Pump Series Nomenclature Guide

WHPSK - 9500 - 2 - ICD2 - ***

WHPSK® Design
WHPSK = Window or THRU-WALL Heat Pump Division 2 Unit

Cooling Capacity
Example: 9,500 BTU/HR

Power Supply
1 = 120/1/60 Hz
2 = 208-230/1/60 Hz
2(50) = 220-240/1/50 Hz

Classification
N.E.C. National Electric Code Classification
ICD2 = Class I, Groups C & D, Division 2
IBCD2 = Class I, Groups B, C, & D, Division 2

I.E.C. International Electric Code Classification
IIA & IIB = Zone 2, T-3, II

Unit Options
-ADC = Adsil Coated Coils
-B = Group B Classification
-CC = Copper/Copper Coils Installed
-CRT = Export Crate Sea or Air
-DSI = Disconnect Switch Installed
-EPX = Epoxy Coated Metal
-HCC = Heresite Coated Coils
-HG = Hot Gas By Pass Valve Installed
-MOD = Custom Modification (See Sales)
-RT = Remote Thermostat
-SH6 = 316 Stainless Steel Housing
-MG1 = Marine Grade Coating Option 1
-MG2 = Marine Grade Coating Option 2
Safe Air Technology specializes in the engineering and manufacturing of Explosion Proof, Corrosion Resistant, and Severe Duty HVAC/R systems and Pressurization Equipment. Our explosion proof, severe duty systems are designed to offer a safe solution at a competitive price, while also maintaining the highest level of quality in both our systems and services.

Safe Air Technology is headquartered in Baton Rouge, Louisiana, allowing us to easily serve many of our petrochemical, oil and gas, and industrial clients. To better serve our clients around the world, Safe Air Technology has established international offices in both the Middle East and Asia. As a result, Safe Air Technology has had the opportunity to build and design HVAC/R systems for clients in over 40 countries.

At Safe Air Technology, we understand that our clients’ HVAC/R needs are continuously adapting and changing. By forging a relationship with you, we can be better equipped to understand and meet your specific needs as they arise.

Contact Safe Air Technology and let us help to keep industry safe for your world.