AireShare™ Transfer Fans

Make hot or cold rooms more comfortable Extend the reach of mini-splits, PTAC’s & space heaters

Blend with any décor
- White grille and diffuser
- No straight line sight or sound from room-to-room

Whisper quiet operation
- Low sone blowers are 50% quieter than other transfer fans

Simple Installation
- Install with hand tools in standard 16” on center walls

Room-to-Room
Models AS1, AS1P or AS2

Make rooms adjacent to ductless heating / cooling comfortable, even with closed doors. Save money by eliminating the need for added air handlers or heaters.

Level-to-Level
Model ASLL
Transfer Air between floors, either up or down to help balance temperatures or spread the warmth from stoves and fireplaces.

Accessories

Switch-it Wireless Wall Switch Model SWS
Locate switch up to 80’ from receiver. Includes rocker switch, batteries, receiver and mounting hardware. Use with models AS1, AS2, & ASLL.

Switch-it Wireless Digital Thermostat (Heat Only) Model SWT
Mounts in receiving room to activate fan. Can also switch fan on manually. Includes thermostat, batteries, receiver and mounting hardware. 80° range. Use with models AS1, AS2 & ASLL.

24 Volt Fan Center Model FC24
Combines a 24 volt transformer with a 24 volt relay to interface any 24 volt thermostat with an AireShare transfer fan. Use with models AS1 and AS2.

AS2 3-Speed Switch Model AS2SW3
For High, Med & Low control of model AS2 Transfer Fan.

AS2 Transfer Fan Duct Kit Model DK2
For installation in obstructed wall cavities, where metal studs with wiring knock outs are used or to conform to energy codes requiring metal ducts. Installs through cut out needed for AS2 blower. Centerline of diffuser in target room is 5” above top of blower discharge.
Harbor View Windows, Heating and Air, Inc., Brookings, Oregon, has installed ductless split system heating/cooling for years. Ductless systems offer high-energy savings, but can also have comfort challenges if an air handler is not installed in each room. On a recent multi-family project using ductless systems, Harbor View was able to overcome this problem by installing an average of two AireShare transfer fans per five-room townhouse to effectively distribute conditioned air to rooms without air handlers.

“We thought it might be a great solution to a long term problem…to flip a switch and be able to draw air conditioned or heated air out of the main rooms into the small rooms and it’s working perfectly,” said Pat and Sherry Nied, Harbor View’s owners.

**Case History:**

**AireShare™ transfer fans enhance performance and comfort of split system air handlers**

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**Model Selection Advice:**

Since it is impractical to calculate heating and cooling loads for the variety of geographic areas, construction methods and the temperature of transferred air we base our model selection advice on providing a minimum of 3 Air Changes/Hour (ACH) to the target room. Door under-cuts or pressure relief transfer grilles in the target room are necessary for proper AireShare performance.

- **AS1 & AS1P for rooms up to 150 Ft²**
- **AS2 for rooms up to 275 Ft²**
- **ASLL for rooms up to 175 Ft²**

**Dimensions and Specifications:**

<table>
<thead>
<tr>
<th>Model</th>
<th>Intake Grille</th>
<th>Minimum Wall Cavity</th>
<th>Volts</th>
<th>Watts</th>
<th>CFM</th>
<th>Speed</th>
<th>A* Sones</th>
<th>B* Sones</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS1</td>
<td>15 3/4&quot; x 7 3/4&quot; x 1/4&quot;</td>
<td>3&quot;</td>
<td>120</td>
<td>20</td>
<td>60</td>
<td>Fixed</td>
<td>1.2</td>
<td>1</td>
</tr>
<tr>
<td>AS1P</td>
<td>16&quot; x 7 3/4&quot; x 1 1/4&quot;</td>
<td>3&quot;</td>
<td>120</td>
<td>20</td>
<td>60</td>
<td>Fixed</td>
<td>1.4</td>
<td>1</td>
</tr>
<tr>
<td>AS2</td>
<td>16&quot; x 7 3/4&quot; x 1/4&quot;</td>
<td>3&quot;</td>
<td>120</td>
<td>20</td>
<td>70</td>
<td>Fixed</td>
<td>1.2</td>
<td>1</td>
</tr>
<tr>
<td>ASLL</td>
<td>13 3/4&quot; x 5 3/4&quot; x 1/4&quot;</td>
<td>N/A</td>
<td>120</td>
<td>30</td>
<td>110</td>
<td>Hi</td>
<td>1.5</td>
<td>1</td>
</tr>
</tbody>
</table>

**A* Sones:** Intake Room  
**B* Sones:** Target Room

(AireShare CFM x 60) / (L x W x H of target room) = ACH

3-4 Air Changes/hour (ACH) recommended for best temperature equalization.

4-5 Air Changes/hour (ACH) recommended for rooms with high cooling or heating loads.

Examples: Rooms with extensive outside walls, windows, over tuck under garages or in extreme climates. More than one AireShare transfer fan can be installed to reach desired number of air changes for large spaces.