Fantech’s most efficient series yet! The HERO 200H is ideal for high-rise apartment applications, condominiums, single and multi family homes. With a completely new design the HERO 200H features a Counterflow core, round metal collars and a high efficiency rating!

**Features**
- 6" (152mm) round metal duct connections with rubberized duct seals
- Removable screw terminal for easy connection with external access
- Top port design fits in tight spaces
- Includes wall mounting speed bracket
- Counterflow heat recovery core
- Multiple speed operation
- Internal recirculation defrost
- Integrated MERV-8 Filter
- 56.9 lbs (25.8 kg) including core

**Optional Controls:**
- ECO-TOUCH® (Item #: 444779) – Programmable Touch Screen Wall Control
- EDF7 (Item #: 444883) – Electronic multi-function dehumidistat
- EDF1R (Item #: 440393) – Multi-function dehumidistat
- RTS2 (Item #: 440164) – 20 minute timer over-ride
- RTS5 (Item #: 444754) – 20/40/60 minute timer
- MDEH1 (Item #: 440172) – Dehumidistat

**Specifications**
- Duct size: 6" (152mm) round
- Voltage/Phase: 120/1
- Power rated: 210 W
- Amp: 2.0 A
- Average airflow: 218 cfm (103 L/s) at 0.4" P_s (100 Pa)

**Manufacturing Data**
- Item #: 444779
- Rev Date: 2020-02-03

**Fans**
Two (2) factory-balanced fans with backward curved blades. Motors come with permanently lubricated, sealed ball-bearings to guarantee long life and maintenance-free operation.

**Heat Recovery Core**
Counterflow heat recovery exchanger built from thermoformed polymer plates covered by a limited lifetime warranty. Core dimensions are 14.4" x 14.4" (366 x 366 mm) with a 14" (355 mm) depth. Our heat exchangers are designed and manufactured to withstand extreme temperature variations.

**Winterguard™ Defrost**
The unit incorporates a unique and quiet internal recirculation defrost that does not depressurize the home during the defrost cycle. A preset defrost sequence is activated when the outdoor temperature falls below 23° F (-5° C) and automatically adjusts itself based on operating conditions. The fan speed is also adjusted automatically to provide a smooth and quiet transition between Ventilation & Defrost mode.

**Serviceability**
Core, filters, fans and electronic panel can be accesses easily from the access panel. Core conveniently slides out with only 16" (406 mm) clearance.

**Duct Connections**
6" (152mm) round metal duct connections with rubberized seal.

**Case**
24 gauge galvanized pre-painted steel corrosion resistant

**Insulation**
Cabinet is fully insulated with 3/4" (20 mm) high density expanded polystyrene.

**Filters**
Two (2) washable electrostatic panel type air filters 7.87” (200mm) x 13.77” (350mm) x 0.125” (3mm). A MERV-8 supply filter is provided with the unit. The MERV8 supply filter is intended for areas that it is required. In most cases the MERV8 supply filter is not required and it becomes optional at the home owner’s discretion. MERV-8 dimensions 5.77" x 14.06” x 1.75” (146.5mm x 357mm x 44.5mm).

**Balancing and commissioning**
Balancing must be completed using the Fantech ECO-Touch® Programmable Touch Screen Wall Control

**Warranty**
Limited lifetime on counterflow exchanger, 7 year on motors, and 5 year on parts.
Dimensions & Airflow

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
</tr>
<tr>
<td>HERO 200H</td>
<td>27 7/8</td>
<td>707</td>
<td>15 3/8</td>
<td>391</td>
</tr>
<tr>
<td></td>
<td>24 7/8</td>
<td>626</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Dimensional information is in inches. Clearance of 16” (406mm) in front of the unit is recommended for removal of core. All units feature three foot plug-in power cord with 3-prong plug.

Ventilation Performance

<table>
<thead>
<tr>
<th>in. wg. (Pa)</th>
<th>0.2 (50)</th>
<th>0.3 (75)</th>
<th>0.4 (100)</th>
<th>0.5 (125)</th>
<th>0.6 (150)</th>
<th>0.7 (175)</th>
<th>0.8 (200)</th>
<th>0.9 (225)</th>
<th>1.0 (250)</th>
</tr>
</thead>
<tbody>
<tr>
<td>cfm (L/s)</td>
<td>233 (1102)</td>
<td>227 (1071)</td>
<td>218 (1033)</td>
<td>210 (994)</td>
<td>201 (955)</td>
<td>193 (916)</td>
<td>182 (86)</td>
<td>174 (82)</td>
<td>165 (78)</td>
</tr>
<tr>
<td>Net supply airflow</td>
<td>206 (971)</td>
<td>197 (933)</td>
<td>189 (895)</td>
<td>180 (857)</td>
<td>172 (819)</td>
<td>163 (782)</td>
<td>154 (735)</td>
<td>145 (698)</td>
<td>136 (640)</td>
</tr>
<tr>
<td>Net supply airflow with MERV8 filter</td>
<td>206 (971)</td>
<td>197 (933)</td>
<td>189 (895)</td>
<td>180 (857)</td>
<td>172 (819)</td>
<td>163 (782)</td>
<td>154 (735)</td>
<td>145 (698)</td>
<td>136 (640)</td>
</tr>
<tr>
<td>Gross supply airflow</td>
<td>237 (1121)</td>
<td>231 (1093)</td>
<td>222 (1056)</td>
<td>214 (1018)</td>
<td>206 (980)</td>
<td>197 (942)</td>
<td>186 (895)</td>
<td>178 (858)</td>
<td>170 (810)</td>
</tr>
<tr>
<td>Gross exhaust airflow</td>
<td>237 (1121)</td>
<td>231 (1093)</td>
<td>222 (1056)</td>
<td>214 (1018)</td>
<td>206 (980)</td>
<td>197 (942)</td>
<td>186 (895)</td>
<td>178 (858)</td>
<td>170 (810)</td>
</tr>
</tbody>
</table>

Energy performance

<table>
<thead>
<tr>
<th>Heating</th>
<th>Supply temperature</th>
<th>Net airflow</th>
<th>Consumed power</th>
<th>Sensible recovery efficiency</th>
<th>Adjusted Sensible recovery efficiency</th>
<th>Apparent sensible effectiveness</th>
<th>Latent recovery/moisture transfer</th>
</tr>
</thead>
<tbody>
<tr>
<td>°F</td>
<td>°C</td>
<td>cfm (L/s)</td>
<td>W</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>32</td>
<td>0</td>
<td>85</td>
<td>40</td>
<td>88</td>
<td>80</td>
<td>87</td>
<td>92</td>
</tr>
<tr>
<td>32</td>
<td>0</td>
<td>138</td>
<td>65</td>
<td>135</td>
<td>75</td>
<td>81</td>
<td>85</td>
</tr>
<tr>
<td>32</td>
<td>0</td>
<td>206</td>
<td>97</td>
<td>205</td>
<td>70</td>
<td>77</td>
<td>79</td>
</tr>
<tr>
<td>-13</td>
<td>-25</td>
<td>85</td>
<td>40</td>
<td>110</td>
<td>62</td>
<td>66</td>
<td>89</td>
</tr>
</tbody>
</table>

Energy performance results were obtained without the MERV-8 filter installed.

Requirements and standards

- Complies with the UL 1812 requirements regulating the construction and installation of Heat Recovery Ventilators
- Complies with the CSA C22.2 no. 113 Standard applicable to ventilators
- Complies with the CSA F326 requirements regulating the installation of Heat Recovery Ventilators
- Technical data was obtained from published results of test relating to CSA C439 Standards. This data was obtained without the use of the MERV8 supply filter.

* HVI certified and ENERGY STAR® qualified*  
* This product earned the ENERGY STAR® by meeting strict efficiency guidelines set by Natural Resources Canada and the US EPA. It meets ENERGY STAR® requirements only when used in Canada.

Contacts

Submitted by:  
Quantity:  
Comments:  
Location:  
Architect:  
Engineer:  
Contractor:  

Distributed by:  

United States 10048 Industrial Blvd. • Lenexa, KS 66215 • 1.800.747.1762 • www.fantech.net  
Canada 50 Kanalfakt Way • Bouctouche, NB E4S 3M5 • 1.800.585.3548 • www.fantech.net  

Systemair reserves the right to modify, at any time and without notice, any or all of its products' features, designs, components and specifications to maintain their technological leadership position.