

Certificate of Product Ratings

AHRI Certified Reference Number: 6955356

Date: 12/22/2014

†Status: Active

Product: Component Air-to-Air Energy Recovery Ventilator

Model Number: UWCH-52

Manufacturer: SEMCO LLC/FLAKT WOODS AB

Trade/Brand name: SEMCO

Rated as follows in accordance with AHRI Standard 1060-2012 for Air-to-Air Heat Exchangers for Energy Recovery Ventilation Equipment and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Product Type: Wheel Leaving Supply Air Flow (SCFM): 3500
 Pressure Drop (inches): 0.44 Additional Notes:

| Leakage Ratings | Pressure Differential | EATR(%) | OACF | Purge Angle/Setting |
|-----------------|-----------------------|---------|------|---------------------|
| Test 1: | -0.50 | 2.50 | 0.96 | 1 |
| Test 2: | 0.00 | 1.20 | 1.04 | 1 |
| Test 3: | 0.50 | 0.80 | 1.08 | 1 |

Thermal Effectiveness Ratings at 0" Pressure Differential

| | Sensible(%) | Latent(%) | Total(%) |
|-----------------------|-------------|-----------|----------|
| 100% Air Flow Heating | 74 | 70 | 73 |
| 75% Air Flow Heating | 76 | 74 | 75 |
| 100% Air Flow Cooling | 74 | 71 | 72 |
| 75% Air Flow Cooling | 76 | 75 | 75 |

| | Net Sensible(%) | Net Latent(%) | Net Total(%) |
|-----------------------|-----------------|---------------|--------------|
| 100% Air Flow Heating | 73 | 69 | 72 |
| 75% Air Flow Heating | 75 | 73 | 75 |
| 100% Air Flow Cooling | 73 | 70 | 71 |
| 75% Air Flow Cooling | 75 | 74 | 75 |

† Models with an 'Active' status are those that are currently in production. Models with a 'Discontinued' status are those that the manufacturer has elected to stop producing, yet stock is still available. Models with an 'Obsolete' status are those that the manufacturer is required to stop manufacturing due to an AHRI certification program test failure.

* Ratings followed by an asterisk (*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

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