

Certificate of Product Ratings

AHRI Certified Reference Number: 6955373

Date: 12/22/2014

†Status: Active

Product: Component Air-to-Air Energy Recovery Ventilator

Model Number: UWC-30

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): 1050
 Pressure Drop (inches): 0.32 Additional Notes:

Leakage Ratings	Pressure Differential	EATR(%)	OACF	Purge Angle/Setting
Test 1:	-0.50	2.00	0.95	1
Test 2:	0.00	1.00	1.09	1
Test 3:	0.50	0.50	1.12	1

Thermal Effectiveness Ratings at 0" Pressure Differential

	Sensible(%)	Latent(%)	Total(%)
100% Air Flow Heating	69	66	68
75% Air Flow Heating	71	70	71
100% Air Flow Cooling	69	67	68
75% Air Flow Cooling	71	72	72

	Net Sensible(%)	Net Latent(%)	Net Total(%)
100% Air Flow Heating	69	66	68
75% Air Flow Heating	71	70	71
100% Air Flow Cooling	69	67	68
75% Air Flow Cooling	71	72	72

† 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.

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CERTIFICATE NO.: 130637394046850026

Certificate of Product Ratings

AHRI Certified Reference Number: 5548219

Date: 12/22/2014

†Status: Active

Product: Component Air-to-Air Energy Recovery Ventilator

Model Number: UWC-36

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): 1500
 Pressure Drop (inches): 0.31 Additional Notes:

Leakage Ratings	Pressure Differential	EATR(%)	OACF	Purge Angle/Setting
Test 1:	-0.50	2.00	0.96	1
Test 2:	0.00	1.00	1.08	1
Test 3:	0.50	0.50	1.11	1

Thermal Effectiveness Ratings at 0" Pressure Differential

	Sensible(%)	Latent(%)	Total(%)
100% Air Flow Heating	69	66	68
75% Air Flow Heating	71	70	71
100% Air Flow Cooling	69	67	68
75% Air Flow Cooling	71	72	72

	Net Sensible(%)	Net Latent(%)	Net Total(%)
100% Air Flow Heating	69	66	68
75% Air Flow Heating	71	70	71
100% Air Flow Cooling	69	67	68
75% Air Flow Cooling	71	72	72

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CERTIFICATE NO.: 130637394117363834

Certificate of Product Ratings

AHRI Certified Reference Number: 5548218

Date: 12/22/2014

†Status: Active

Product: Component Air-to-Air Energy Recovery Ventilator

Model Number: UWC-41

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): 2000
 Pressure Drop (inches): 0.31 Additional Notes:

Leakage Ratings	Pressure Differential	EATR(%)	OACF	Purge Angle/Setting
Test 1:	-0.50	2.00	0.96	1
Test 2:	0.00	1.00	1.07	1
Test 3:	0.50	0.50	1.10	1

Thermal Effectiveness Ratings at 0" Pressure Differential

	Sensible(%)	Latent(%)	Total(%)
100% Air Flow Heating	69	66	68
75% Air Flow Heating	71	70	71
100% Air Flow Cooling	69	67	68
75% Air Flow Cooling	71	72	72

	Net Sensible(%)	Net Latent(%)	Net Total(%)
100% Air Flow Heating	69	66	68
75% Air Flow Heating	71	70	71
100% Air Flow Cooling	69	67	68
75% Air Flow Cooling	71	72	72

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Certificate of Product Ratings

AHRI Certified Reference Number: 5548217

Date: 12/22/2014

†Status: Active

Product: Component Air-to-Air Energy Recovery Ventilator

Model Number: UWC-46

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): 2500
 Pressure Drop (inches): 0.31 Additional Notes:

Leakage Ratings	Pressure Differential	EATR(%)	OACF	Purge Angle/Setting
Test 1:	-0.50	2.00	0.96	1
Test 2:	0.00	1.00	1.06	1
Test 3:	0.50	0.50	1.08	1

Thermal Effectiveness Ratings at 0" Pressure Differential

	Sensible(%)	Latent(%)	Total(%)
100% Air Flow Heating	69	66	68
75% Air Flow Heating	71	70	71
100% Air Flow Cooling	69	67	68
75% Air Flow Cooling	71	72	72

	Net Sensible(%)	Net Latent(%)	Net Total(%)
100% Air Flow Heating	69	66	68
75% Air Flow Heating	71	70	71
100% Air Flow Cooling	69	67	68
75% Air Flow Cooling	71	72	72

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Certificate of Product Ratings

AHRI Certified Reference Number: 5548216

Date: 12/22/2014

†Status: Active

Product: Component Air-to-Air Energy Recovery Ventilator

Model Number: UWC-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): 0.30 Additional Notes:

Leakage Ratings	Pressure Differential	EATR(%)	OACF	Purge Angle/Setting
Test 1:	-0.50	2.00	0.96	1
Test 2:	0.00	1.00	1.04	1
Test 3:	0.50	0.50	1.06	1

Thermal Effectiveness Ratings at 0" Pressure Differential

	Sensible(%)	Latent(%)	Total(%)
100% Air Flow Heating	69	66	68
75% Air Flow Heating	71	70	71
100% Air Flow Cooling	69	67	68
75% Air Flow Cooling	71	72	72

	Net Sensible(%)	Net Latent(%)	Net Total(%)
100% Air Flow Heating	69	66	68
75% Air Flow Heating	71	70	71
100% Air Flow Cooling	69	67	68
75% Air Flow Cooling	71	72	72

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Certificate of Product Ratings

AHRI Certified Reference Number: 5548215

Date: 12/22/2014

†Status: Active

Product: Component Air-to-Air Energy Recovery Ventilator

Model Number: UWC-58

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): 4500
 Pressure Drop (inches): 0.30 Additional Notes:

Leakage Ratings	Pressure Differential	EATR(%)	OACF	Purge Angle/Setting
Test 1:	-0.50	2.00	0.96	1
Test 2:	0.00	1.00	1.03	1
Test 3:	0.50	0.50	1.05	1

Thermal Effectiveness Ratings at 0" Pressure Differential

	Sensible(%)	Latent(%)	Total(%)
100% Air Flow Heating	69	66	68
75% Air Flow Heating	71	70	71
100% Air Flow Cooling	69	67	68
75% Air Flow Cooling	71	72	72

	Net Sensible(%)	Net Latent(%)	Net Total(%)
100% Air Flow Heating	69	66	68
75% Air Flow Heating	71	70	71
100% Air Flow Cooling	69	67	68
75% Air Flow Cooling	71	72	72

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Certificate of Product Ratings

AHRI Certified Reference Number: 5548214

Date: 12/22/2014

†Status: Active

Product: Component Air-to-Air Energy Recovery Ventilator

Model Number: UWC-64

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): 5350
 Pressure Drop (inches): 0.30 Additional Notes:

Leakage Ratings	Pressure Differential	EATR(%)	OACF	Purge Angle/Setting
Test 1:	-0.50	2.00	0.96	1
Test 2:	0.00	1.00	1.03	1
Test 3:	0.50	0.50	1.05	1

Thermal Effectiveness Ratings at 0" Pressure Differential

	Sensible(%)	Latent(%)	Total(%)
100% Air Flow Heating	70	67	69
75% Air Flow Heating	71	71	71
100% Air Flow Cooling	70	68	69
75% Air Flow Cooling	71	73	72

	Net Sensible(%)	Net Latent(%)	Net Total(%)
100% Air Flow Heating	70	67	69
75% Air Flow Heating	71	71	71
100% Air Flow Cooling	70	68	69
75% Air Flow Cooling	71	73	72

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Certificate of Product Ratings

AHRI Certified Reference Number: 5548213

Date: 12/22/2014

†Status: Active

Product: Component Air-to-Air Energy Recovery Ventilator

Model Number: UWC-68

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): 6250
 Pressure Drop (inches): 0.30 Additional Notes:

Leakage Ratings	Pressure Differential	EATR(%)	OACF	Purge Angle/Setting
Test 1:	-0.50	2.00	0.96	1
Test 2:	0.00	1.00	1.03	1
Test 3:	0.50	0.50	1.04	1

Thermal Effectiveness Ratings at 0" Pressure Differential

	Sensible(%)	Latent(%)	Total(%)
100% Air Flow Heating	70	67	69
75% Air Flow Heating	71	71	71
100% Air Flow Cooling	70	68	69
75% Air Flow Cooling	71	73	72

	Net Sensible(%)	Net Latent(%)	Net Total(%)
100% Air Flow Heating	70	67	69
75% Air Flow Heating	71	71	71
100% Air Flow Cooling	70	68	69
75% Air Flow Cooling	71	73	72

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Certificate of Product Ratings

AHRI Certified Reference Number: 5548212

Date: 12/22/2014

†Status: Active

Product: Component Air-to-Air Energy Recovery Ventilator

Model Number: UWC-74

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): 7400
 Pressure Drop (inches): 0.30 Additional Notes:

Leakage Ratings	Pressure Differential	EATR(%)	OACF	Purge Angle/Setting
Test 1:	-0.50	2.00	0.96	1
Test 2:	0.00	1.00	1.02	1
Test 3:	0.50	0.50	1.04	1

Thermal Effectiveness Ratings at 0" Pressure Differential

	Sensible(%)	Latent(%)	Total(%)
100% Air Flow Heating	70	67	69
75% Air Flow Heating	71	71	71
100% Air Flow Cooling	70	68	69
75% Air Flow Cooling	71	73	72

	Net Sensible(%)	Net Latent(%)	Net Total(%)
100% Air Flow Heating	70	67	69
75% Air Flow Heating	71	71	71
100% Air Flow Cooling	70	68	69
75% Air Flow Cooling	71	73	72

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