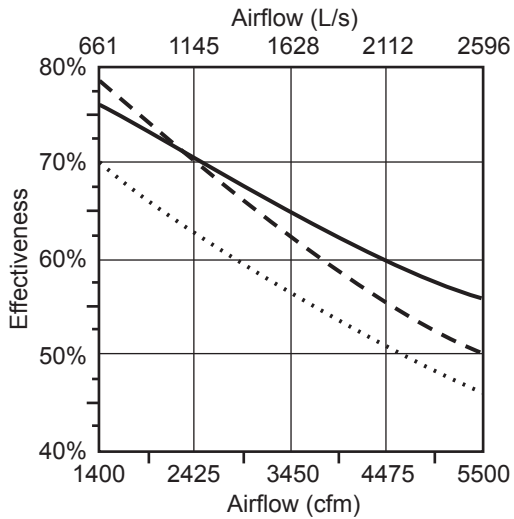


# VHC-50 Medium Effectiveness Data



Based on equal amounts of outdoor air and return air.

- - - Total Effectiveness (Cooling)
- Sensible Effectiveness (Heating)
- ..... Latent Effectiveness (Heating)

Ratings outside the scope of the AHRI Energy Recovery Ventilation Certification Program.

## Model Number: ERW-50-4-A-X

Type: Wheel      Nominal Airflow: 1900 scfm  
 Pressure Drop: 0.29 inches w.g.

### Leakage Ratings

	Pressure Differential	EATR	OACF	Purge Angle or Setting
Test 1:	0.00 inches	4.4%	1.00	N/A
Test 2:	0.50 inches	3.6%	1.00	N/A
Test 3:	1.00 inches	2.8%	1.02	N/A

### Thermal Effectiveness Ratings at 0" Pressure Differential

	Sensible	Latent	Total
100% Airflow Heating Condition:	73%	66%	71%
75% Airflow Heating Condition:	76%	70%	74%
100% Airflow Cooling Condition:	72%	75%	74%
75% Airflow Cooling Condition:	76%	80%	78%

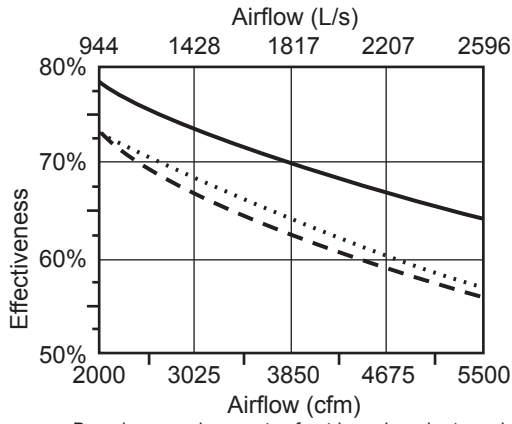
  

	Net Sensible	Net Latent	Net Total
100% Airflow Heating Condition:	73%	66%	71%
75% Airflow Heating Condition:	76%	70%	74%
100% Airflow Cooling Condition:	72%	75%	74%
75% Airflow Cooling Condition:	76%	80%	78%



Energy recovery component is certified by AHRI to AHRI Standard 1060. Actual performance in packaged equipment may vary.

# VHC-50 Standard Effectiveness Data



Based on equal amounts of outdoor air and return air.

- - - Total Effectiveness (Cooling)
- Sensible Effectiveness (Heating)
- ..... Latent Effectiveness (Heating)

Ratings outside the scope of the AHRI Energy Recovery Ventilation Certification Program.

## Model Number: ERW-50-6-A-X

Type: Wheel

Nominal Airflow: 3000 scfm

Pressure Drop: 0.47 inches w.g.

### Leakage Ratings

	Pressure Differential	EATR	OACF	Purge Angle or Setting
Test 1:	0.00 inches	4.2%	1.00	N/A
Test 2:	0.50 inches	3.6%	1.00	N/A
Test 3:	1.00 inches	3.1%	1.00	N/A

### Thermal Effectiveness Ratings at 0" Pressure Differential

	Sensible	Latent	Total
100% Airflow Heating Condition:	73%	67%	70%
75% Airflow Heating Condition:	78%	77%	77%
100% Airflow Cooling Condition:	72%	61%	65%
75% Airflow Cooling Condition:	75%	68%	70%

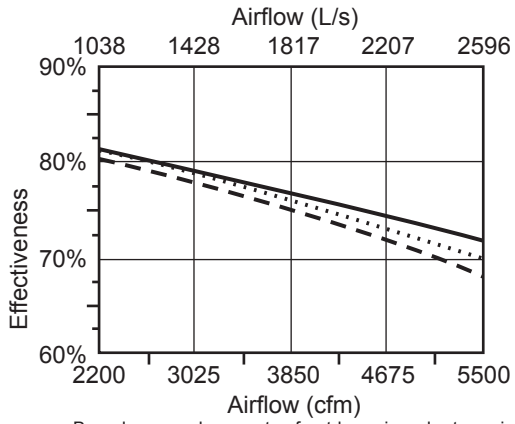
  

	Net Sensible	Net Latent	Net Total
100% Airflow Heating Condition:	73%	67%	70%
75% Airflow Heating Condition:	78%	77%	77%
100% Airflow Cooling Condition:	72%	61%	65%
75% Airflow Cooling Condition:	75%	68%	70%



Energy recovery component is certified by AHRI to AHRI Standard 1060. Actual performance in packaged equipment may vary.

# VHC-50 High Effectiveness Data



Based on equal amounts of outdoor air and return air.

- - - Total Effectiveness (Cooling)
- Sensible Effectiveness (Heating)
- ..... Latent Effectiveness (Heating)

Ratings outside the scope of the AHRI Energy Recovery Ventilation Certification Program.

## Model Number: ERW-50-8-A-X

Type: Wheel      Nominal Airflow: 3000 scfm  
 Pressure Drop: 0.53 inches w.g.

### Leakage Ratings

	Pressure Differential	EATR	OACF	Purge Angle or Setting
Test 1:	0.00 inches	5.1%	1.04	N/A
Test 2:	0.50 inches	4.4%	1.05	N/A
Test 3:	1.00 inches	3.7%	1.06	N/A

### Thermal Effectiveness Ratings at 0" Pressure Differential

	Sensible	Latent	Total
100% Airflow Heating Condition:	79%	79%	79%
75% Airflow Heating Condition:	82%	82%	82%
100% Airflow Cooling Condition:	78%	77%	78%
75% Airflow Cooling Condition:	81%	81%	81%

	Net Sensible	Net Latent	Net Total
100% Airflow Heating Condition:	79%	79%	79%
75% Airflow Heating Condition:	82%	82%	82%
100% Airflow Cooling Condition:	78%	77%	78%
75% Airflow Cooling Condition:	81%	81%	81%



Energy recovery component is certified by AHRI to AHRI Standard 1060. Actual performance in packaged equipment may vary.