



CATEGORY

## VENTILATION FANS

AMMO ITEM #

ARERV100EC

Company: \_\_\_\_\_

Job: \_\_\_\_\_ #Item: \_\_\_\_\_

Notes: \_\_\_\_\_

# Energy Recovery Ventilator



Intertek



### FEATURES

- SRE of 87% at 32°F (45CFM) and 63 % at -13°F (45CFM)
- Recirculation defrost
- Merv3 filters (2 pcs included)
- Optional MERV 13 and MERV 16 filters

### HOUSING

- Ceiling or wall mounted
- Made of rugged 22 gauge galvanized steel
- Built-in motorized damper: open when fan runs, power close when fan cycles/powers off
- 6" duct connections
- Included 6 ft. power cord, optional hard wired connection
- High efficiency counterflow core
- 4 Pressure ports for airflow balancing
- Included 4 mounting bracket for fast
- Easy installation

### CONTROLS

- 24V AC connection for interlock with HVAC air handler
- Manual override switch operation at high speed
- Temperature and humidity sensor to limit operation during unfavorable
- LED indicator for filter replacement and unit trouble shooting (FID) weather conditions
- Wall timer switch (wts)

### BLOWER

- Two removable enclosed DC motors, permanently lubricated
- Constant airflow, multi-speed from 50 CFM to 100 CFM
- Power rating: 120 volts and 60 Hz

### CERTIFICATIONS

- c/ETL
- HVI
- E-star



### PACKAGING

- Product size: \_\_\_\_\_ 28 1/2" x 23" x 8 7/8"
- Weight: \_\_\_\_\_ 18.8 kg
- PKG: \_\_\_\_\_ 1
- UPC Number: \_\_\_\_\_ 840526240739

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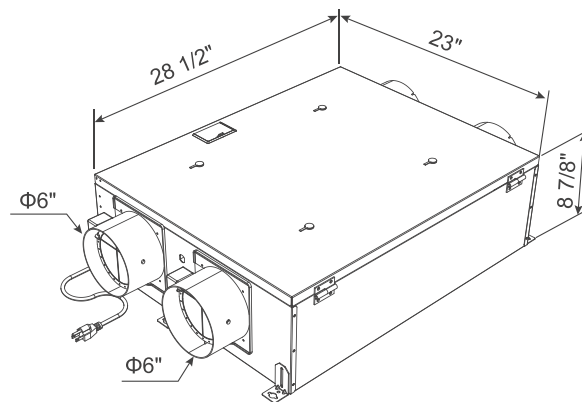
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## AIRFLOW PERFORMANCE

## STATIC PRESSURE (INCHES OF WATER GAGE)

WATTS

CFM /  
WATT

HIGH

1.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.20	0.4SP	129
97	97	97	95	91	89	83	76	70	61	60	73.5	

## ENERGY RATINGS

TEMPERATURE MODE	TEMPERATURE		NET SUPPLY AIRFLOW (CFM)	SENSIBLE RECOVERY EFFICIENCY (SRE)	ADJUSTED SENSIBLE RECOVERY EFFICIENCY (ASRE)	TOTAL RECOVERY EFFICIENCY (TRE)	ADJUSTED TOTAL RECOVERY EFFICIENCY (ATRE)
	DEG C	DEG F					
HEATING	0	32	100	75	80	-	-
	-25	-13	800	79	82	-	-
			60	83	86	-	-
			45	87	90	-	-
	-25	-13	45	63	65	-	-
COOLING	35	95	45	-	-	81	83

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