

Deluxe

Shop Drawing RERV-D100 ERV Deluxe Series (Enthalpy Core)

20

21

Flectrical

Box

ONLY ERV IN THE MARKET PLACE WITH A BUILT-IN TRUE AUTOMATIC ELECTRONIC AIR-BALANCING AND CONSTANT FLOW TECHNOLOGY NO FIELD BALANCING NECESSARY

Features:

- Power ratings: 115V / 1 / 60 Hz, 1.10 Amp, Standby current is 7 W only
- High efficiency energy savings permanently lubricated PSC motors (Thermally protected) for continuous operation
- Washable high efficiency **Dpoint Enthalpy core** suitable for -25 C (**Drainless design**)
- Tilted core design for maximum efficiency
- Fully automatic defrost (below -5°C)
 Recirculating (Standard) and Non-recirculating (Optional)
- Adjustable 4-Normal (Low Speed) and 4-High Speed operation
- · Ideal for horizontal and vertical installation
- Air flow: 45 95 CFM (normal operation)
- For homes and suites up to 2000 sq. ft.
- Meets all standards and building code requirements
- Unique electronic control board allows the unit to return to the last memory mode when power restores after failure
- Furnace / Fan-coil / Heat Pump Interlock
- *Dual Protection:* If for any reason ERV fan failure is detected, the outside fresh-air supply will be closed and the interlocking relay contact will be opened. Fan Coil/Furnace low speed will be stopped and at normal operation no air will enter into the system
- App. Weight 55 lbs.
- · 2 years warranty on parts

Accessories (Included):

Wall control Mounting brackets

Optional:

- Wall control c/w back-light
- Multiple wall controls
- Timer switches 5VDC (Wall mount)
- 2 sets (Webbing/Brackets/Ladder lock)

Installation Options for house

Furnace Return Air-duct Connection

HR\

- Pipe and "T"connector
- Drain plugs



Furnace

Plastic Back-draft Ó Damper

Supply Motor

ERV

core





Semi Ducted System

Fully Ducted System

Reversomatic Manufacturing Ltd.

790 Rowntree Dairy Road, Woodbridge, ON Canada L4L 5V3 • Tel: 905-851-6701 • Fax: 905-851-8376 www.reversomatic.com • info@reversomatic.com

Sup

2

Deluxe

Note:

RERV-D100

Installation Options for High-Rise Condominium



** Indicate Total Recovery Efficiency not Sensible Recovery Efficiency

Contractor:		RERV-D100		
Architect:	Job:	Date	Superse.des	Drawing No.
Engineer:	Date Submitted:	11/15/16		Rev. 2

Reversomatic Manufacturing Ltd.

790 Rowntree Dairy Road, Woodbridge, ON Canada L4L 5V3 • Tel; 905-851-6701 • Fax; 905-851-8376 www.reversomatic.com · info@reversomatic.com