



54 Audia Court, Unit 2
Concord, ON L4K 3N5
(905)-738-1400

Submittal 25-000-002

PROJECT NAME	PROJECT ADDRESS	DATE SUBMITTED
Pod Inn Hotel-400 University - Mezzanine Reno 25-000	Pod-Inn Hotel Ltd 400 University Ave, Mezzanine Level Toronto, ON M5G 1S5	Jan 24, 2025
TO	FROM	
WALID ELSAYED	MOHAMMED LODHI	
COMPANY	COMPANY	
Walid Elsayed - Pod-Inn Hotel Ltd.	Consult Mechanical Inc.	
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elsayed.walid@gmail.com	mohammed.l@consultmechanical.com	
ADDRESS	ADDRESS	
289 Hollymount Dr. Mississauga, ON L5R 3X5	54 Audia Court, Unit 2 Concord, ON L4K 3N5	

Title

ERV-730 Shop Drawing

Description

ERV-730 Shop Drawing

Package Items

SPEC	SUBSECTION	ITEM	TYPE
<div><div><div>B</div><div>K</div></div><div>CONSULTING INC.</div><div><div>Date: 1/27/2025</div><div>By: jwaring</div></div><div><div>Project Name: Pod Inn Hotel</div><div><input checked="" type="checkbox"/> REVIEWED <input type="checkbox"/> REJECTED <input type="checkbox"/> REVISE</div><div>Comments</div></div></div>			



730ERV

ENGINEERING DATA

TOTAL RECOVERY CORES

The cross-flow energy recovery cores transfer heat and water vapor between the two air streams. They are easily removed for cleaning or service.

MOTORS

Two PSC, 3 speed single shafted, 120 VAC, 4.5 Amps each (9 total on high speed). HP- 1/4, 1450 RPM. MCA: 11.3 MOP: 15 Watts - total on high speed - 1032.

FILTERS

2" pleated MERV 8 filters in supply and exhaust air streams.

BLOWERS

Slide easily in / out of unit. Centrifugal type rated at 700 CFM (329 L/s) free air delivery. Each air stream has one single shafted motor driving a centrifugal blower.

CONNECTION DUCT SIZES - Four - 14" x 8" (356 mm x 200 mm).

MOUNTING

Unit to be set on support brackets hung by threaded rod type apparatus (brackets and rods not provided).

CABINET

Unit has front and back access doors and electrical panel can be switched to either side giving installer flexibility in duct direction. 20 gauge pre-painted galvanized steel (G60) for superior corrosion resistance. Insulated with foil faced insulation where required to prevent exterior condensation.

ELECTRONICS

Integrated microprocessor circuit board. Built-in interlock contacts. Automatic Self Test. Optional remote speed control.

FROST PREVENTION

Temperature sensor activated, periodically shuts down supply motor. Drains not required.

WEIGHT 260 LBS (118 KG) **SHIPPING WEIGHT** 310 LBS. (141 KG)

Please select Option

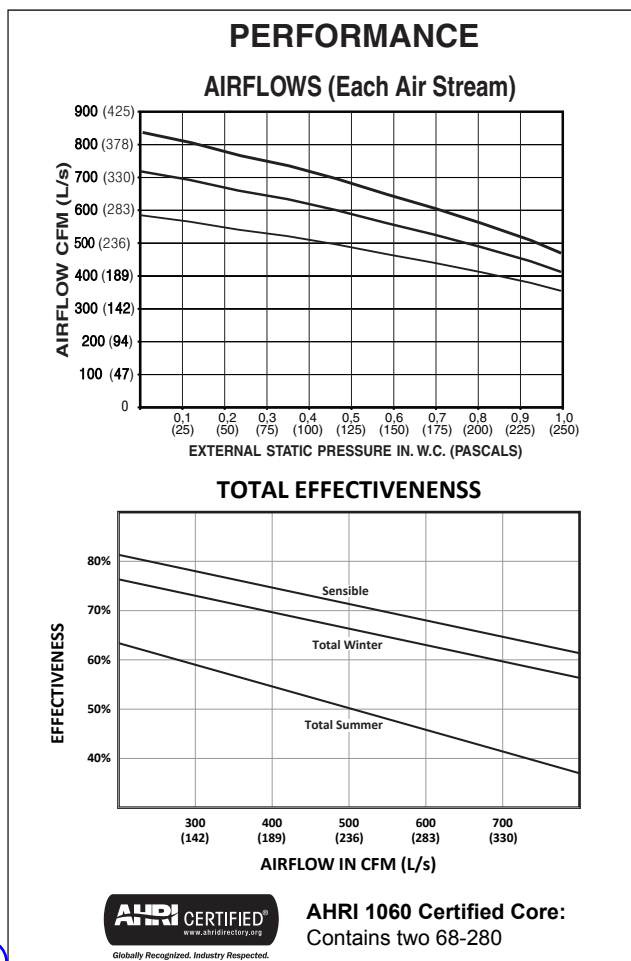
OPTIONAL CONTROLS

99-500 3 Speed Control - 3 Speed Fan setting (Low/Medium/High) (4 wire) 20 gauge wire (minimum)

99-BC-01 Ventilation Control - 2 Speed Fan setting (Low/High) - Dehumidistat (3 wire) 20 gauge wire (minimum)

OPTIONAL TIMERS

99-DET01 20/40/60 Minute Timer - Initiates high speed ventilation for 20, 40, 60 minutes. (3 wire) 20 gauge wire (minimum)



As per the Heat Recovery Ventilator equipment schedule on Mech dwg M-4; the controls are to be 20/40/60 timer.

WARRANTY

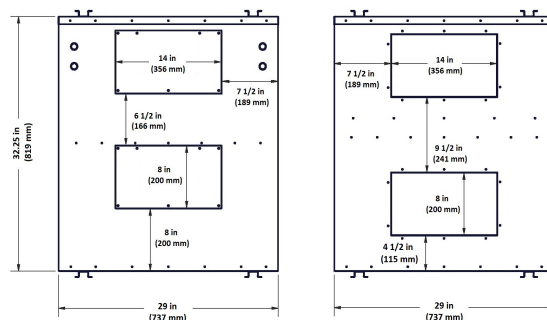
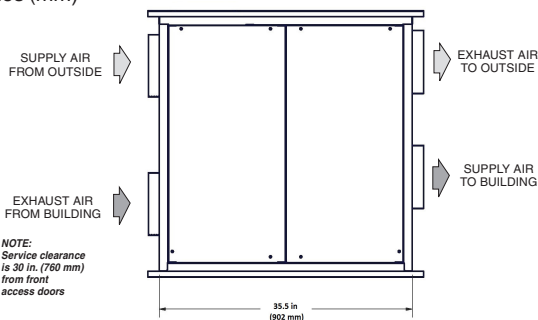
All units carry a 10 year warranty on the heat recovery cores and a 5 year replacement parts warranty.

NOTE: All specifications are subject to change without notice

DIMENSIONS inches (mm)

NOTE:

The 730ERV model may easily be reversed in the field. Refer to page 18 for installation instructions.



Date: 2025-01-24

Tag: ERV-730

Qty: 1

Project: 400 UNIVERSITY - PODS INN HOTEL

Engineer: _____

Contractor: CONSULT MECHANICAL INC.

Supplier: _____

Quote#: _____

Submitted by: _____