

# NEKTRA®

# 150

HEAT RECOVERY VENTILATOR

## DATA SHEET

### THERMALLY CONDUCTIVE, PATENTED ALUMINUM CORE

The cross-flow heat recovery core transfers heat between the two airstreams. It is easily removed for cleaning or service.

### MOTORS AND BLOWERS

Each airstream has an independent motorized impeller with multiple fan speed operations.

### FILTERS

Washable air filters in exhaust and supply airstreams.

### MOUNTING THE HRV

Threaded inserts at corners of the cabinet designed to accept the "S" hooks and hanging straps supplied with the unit.

### DEFROST

Recirculating damper defrost system.

### CASE

20 gauge prepainted galvanized steel for superior corrosion resistance, insulated to prevent exterior condensation. Drain connections: Two 1/2 in (1.2 cm) OD. Balancing ports are located on unit.

### INSTALLER SELECTABLE HIGH SPEED SETTINGS

Adjustable DIP switches are located on the circuit board, Hi3 is the factory setting. Refer to the installation guide for the adjustment instructions.

### ELECTRONICS

The optional controls can be wall mounted in a central location of the home. 3 wire 20 gauge (min.) 100 ft (30 m) length (max.).

## CONTROL OPTIONS

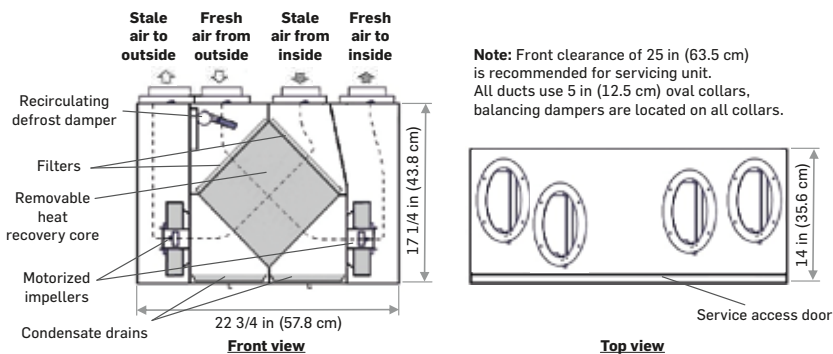
### GDXPL02 lifebreath digital control

- 5 speed operation on each mode.
- Humidity control through adjustable dehumidistat.
- 5 user selectable operational modes:
  1. Continuous recirculation.
  2. Continuous ventilation.
  3. 20 ON/40 recirculation.
  4. 20 ON/40 OFF.
  5. 10 ON/50 OFF.
- 20/40/60 min. High speed override button.
- 3 wire connection.

## TIMER OPTIONS

**DET01 20/40/60 minute timer** - Initiates high speed ventilation for 20, 40 or 60 minutes. 3 wire connection.

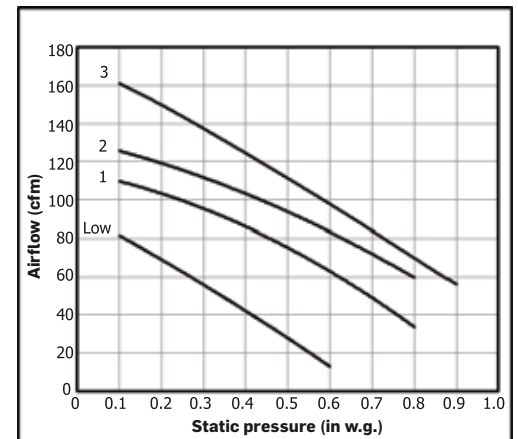
## DIMENSIONS NEKTRA 150



**NET WEIGHT:** 51 lb (23 kg)  
**GROSS WEIGHT:** 55 lb (25 kg)

N1121

Performance (HVI certified)	
Net supply airflow in cfm (L/s) against external static pressure	
External static pressure	Airflow
@ 0.1 in (25 Pa)	161 cfm (76 L/s)
@ 0.2 in (50 Pa)	150 cfm (71 L/s)
@ 0.3 in (75 Pa)	137 cfm (65 L/s)
@ 0.4 in (100 Pa)	125 cfm (59 L/s)
@ 0.5 in (125 Pa)	111 cfm (52 L/s)
@ 0.6 in (150 Pa)	98 cfm (46 L/s)
@ 0.7 in (175 Pa)	84 cfm (40 L/s)
@ 0.8 in (200 Pa)	70 cfm (33 L/s)
@ 0.9 in (225 Pa)	56 cfm (27 L/s)
Max. temperature recovery	77%
Apparent sensible effectiveness (ASE)	
@ 65 cfm (31 L/s) 32°F (0°C)	74%
Sensible recovery efficiency	
@ 65 cfm (31 L/s) 32°F (0°C)	65%
Sensible recovery efficiency	
@ 70 cfm (33 L/s) -13°F (-25°C)	65%
VAC @ 60Hz	120
Watts / Low speed	48
Watts / High speed	110
Amp rating	1.25



**WARRANTY**

Units carry a lifetime warranty on the HRV core and a 5 year replacement parts warranty.

All units conform to CSA and UL standards

NOTE: All specifications are subject to change without notice.

