

BREATHE

**Heat recovery
ventilator (HRV)**

**Energy recovery
ventilator (ERV)**



NOVO
CLIMAT 

2100
HVI
CERTIFIED



COMFORT AT ITS BEST

The air in our homes is often more polluted than the air outside. Everything in our home can pollute the air to some degree. For example, building materials, paint, household products and pets. Our daily activities can also affect the quality of the air we breathe. Like laundry, cooking, renovations and more.

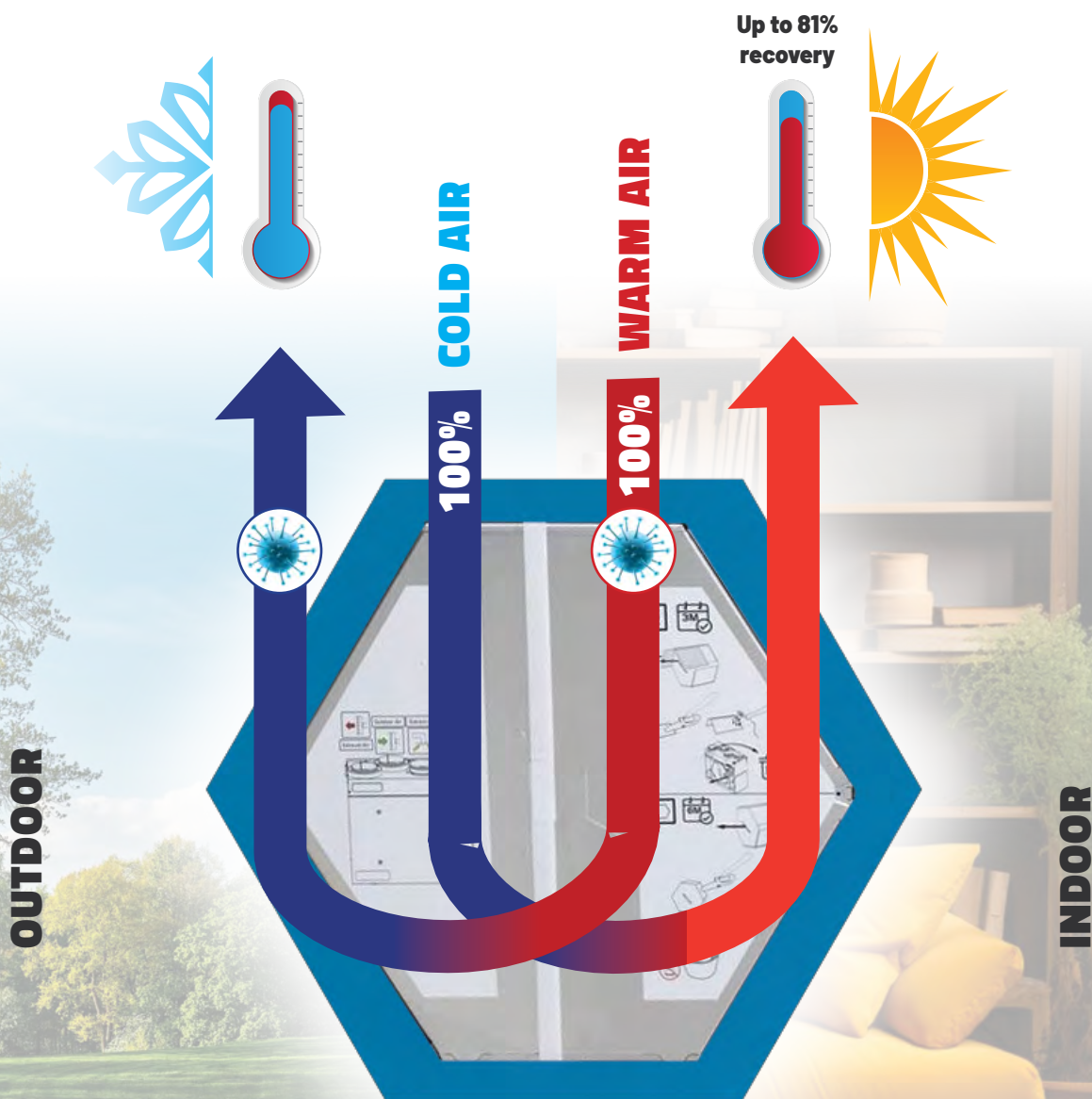
So there are standards to ensure that all occupants of a home can enjoy pollutant-free air. To meet these standards, every house or apartment must be equipped with a heat or energy recovery ventilator like those manufactured by **Direct Air**.

HOW IT WORKS

Direct Air HRVs and ERVs bring fresh air indoors and pushes polluted air outdoors.

To avoid releasing heat and humidity outside during cold seasons, **Direct Air**'s recovery cores are designed to capture up to 81% of this heat and up to 45% of the humidity, and redistribute them throughout the home.*

(*depending on model, fan speed, outdoor/indoor temperature and outdoor/indoor humidity)



Direct Air HRVs and ERVs bring fresh air into your home and improve your air quality any time of the year.

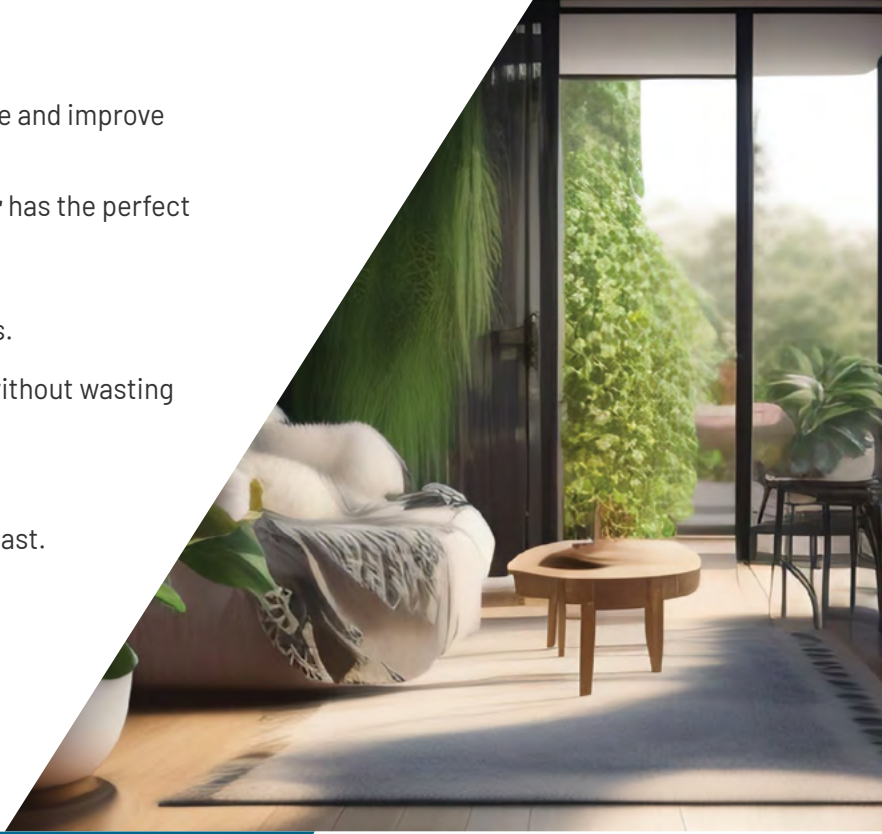
Whether you live in a house or an apartment, **Direct Air** has the perfect HRV or ERV to meet your needs.

Direct Air HRVs and ERVs are all certified and meet or exceed North American building standards.

So they're 100% energy-efficient, giving you fresh air without wasting money.

They're quiet and easy to use.

Made in Canada, **Direct Air** HRVs and ERVs are built to last.



DIRECT AIR HRV'S AND ERV'S FEATURES



- **Reliable**
- **Easy to use**
- **Energy-efficient**
- **Energy STAR* and HVI Novoclimat 2.0* and CSA certified**
- **Quiet**
- **Made in Canada**

*some models only



HEAT RECOVERY VENTILATOR (HRV)

(with recirculation)

PHRVR 120HE, PHRVR 150HE, PHRVR 200HE

HE SERIES

- Up to 81% sensible heat recovery
- 2 variable-speed motors with sealed bearings
- Hexagonal counter-current recovery core
- Defrost with recirculation
- Compatible with IAQ controls
- Recirculation mode
- Energy Star
- Novo climat 2.0



PHRVR 70ES

- 2 variable-speed motors with sealed bearings
- Aluminium recovery core
- Recirculating defrost
- 5" oval duct connections
- Recirculation
- Energy Star
- Novo climat 2.0



PHRVR 104

- 2 variable-speed motors with
- Aluminium recovery core
- Defrost with recirculation
- 5" oval duct connections
- Recirculation
- Turbo mode for bathrooms



HEAT RECOVERY VENTILATOR (HRV)

(without recirculation)

PHRV 96, PHRV 140

PHRV 96

- 2 variable-speed motors with sealed bearings
- Aluminum recovery core
- 4" round duct connections
- Automatic defrost
- Designed for condos



PHRV 140

- 2 variable-speed motors with sealed bearings
- Aluminum recovery core
- 6" oval duct connections
- Automatic defrost
- Designed for single-family homes



ENERGY RECOVERY VENTILATOR (ERV)

PVRE 70

- 2 variable-speed motors with sealed bearings
- Water-permeable, frost-tolerant energy recovery core
- 4" round duct connections
- Automatic defrost
- Ceiling or wall installation
- Up to 70% sensible heat recovery
- Up to 45% latent heat recovery (humidity)



CONTROLS



(461580)

ECO-touch 2.0

- Multifunction control
- Touch screen
- Automatic ECO mode / manual mode
- Backlit
- Programmable day/night
- Timer 20 min/h 40min/h
- Compatible with PHRVR-HE and PHRVR-70 ES only



(415517)

EDF 8

- Optimum fan control
- Recirculation mode
- Ventilation mode
- Sleep mode (humidity-controlled)
- 3 operating speeds
- Backlit digital display
- 20 min/h timer



(44912)

DIR-DG

- Optimum fan control
- Ventilation mode
- Recirculation mode
- Sleep mode (humidity-controlled)
- Backlit digital display
- 3 operating speeds
- 20min/h timer



(415515)

EDF 3

- Eco mode
- 20 min/h ventilation and 40 min/h off mode
- High-speed mode - ventilation or recirculation



(464001)

RTS5

- Timer 20/40/60
- High speed ventilation mode for selected duration
- Returns to initial operating mode prior to timer activation
- Designed for bathroom exhaust units and other applications
- Compatible with all Direct Air ventilators

QAI CONTROLS



(414727)

ECO-touch 2.0 QAI

- Multifunction control
- Volatile organic compound (VOC) detector
- Touch screen
- Automatic ECO mode / manual mode
- Backlit
- Programmable day/night
- Timer 20 min/h 40min/h
- Compatible with PHRVR-HE, PHRVR-70 ES



(414520)

RTS-W

- 20/40/60 timer
- Communicates wirelessly with ECO-touch QAI control

SPECIFICATIONS

HEAT RECOVERY VENTILATOR (HRV) (with recirculation) Energy Star and NOVO CLIMAT 2.0



FEATURES	AIR FLOW MAXIMUM CFM (L/S)	MAXIMUM EFFICIENCY (%) (heat recovery)		ELECTRIC DATA		DIMENSIONS in.			DUCT CONNECTIONS	
		sensible at 0°C	sensible at -25°C	Power supply (V)	Rated current (A)	Length	Depth	Height	Position / Shape	Diameter
Model	0.1 in.w.g. of s.p									
PHRVR 120HE (463900)	131 (62)	81	65	120	1.2	23.25	11.50	24.25	on top / circle	5 in.
PHRVR 150HE (463901)	170 (80)	81	65	120	1.4	27.88	13.38	24.88	on top / circle	6 in.
PHRVR 200HE (463902)	220 (104)	80	67	120	2.0	27.88	15.38	24.88	on top / circle	6 in.
PHRVR 70ES (463317)	89 (42)	65	62	120	0.42	21.50	10.28	17.65	on top / oval	5 in.
COMPATIBLE CONTROLS	ALL									

HEAT RECOVERY VENTILATOR (HRV) (with recirculation, turbo mode)

FEATURES	AIR FLOW MAXIMUM CFM (L/S)	MAXIMUM EFFICIENCY (%) (heat recovery)		ELECTRIC DATA		DIMENSIONS in.			DUCT CONNECTIONS	
		sensible at 0°C	sensible at -25°C	Power supply (V)	Rated current (A)	Length	Depth	Height	Position / Shape	Diameter
Model	0.1 in.w.g. of s.p									
PHRVR 104 (463319)	130 (62)	61	58	120	1.51	21.50	14.50	17.90	on top / oval	5 in.
COMPATIBLE CONTROLS	DIR-DG - EDF8 - EDF3 - RTS5									

HEAT RECOVERY VENTILATOR (HRV) (without recirculation)

FEATURES	AIR FLOW MAXIMUM CFM (L/S)	MAXIMUM EFFICIENCY (%) (heat recovery)		ELECTRIC DATA		DIMENSIONS in.			DUCT CONNECTIONS	
		sensible at 0°C	sensible at -25°C	Power supply (V)	Rated current (A)	Length	Depth	Height	Position / Shape	Diameter
Model	0.1 in.w.g. of s.p									
PHRV 96 (463318)	83 (39)	63	57	120	0.48	21.50	10.25	17.12	on top / circle	4 in.
PHRV 140 (463320)	188 (89)	63	58	120	1.46	23.75	17.19	18.44	on top / oval	6 in.
COMPATIBLE CONTROLS	DIR-DG - EDF8 - EDF3 - RTS5									

ENERGY RECOVERY VENTILATOR (ERV)

FEATURES	AIR FLOW MAXIMUM CFM (L/S)	MAXIMUM EFFICIENCY (%) (heat recovery)				ELECTRIC DATA		DIMENSIONS in.			DUCT CONNECTIONS	
		sensible at 0°C	sensible at -25°C	latent 0°C	latent -25°C	Power supply (V)	Rated current (A)	Length	Depth	Height	Position / Shape	Diameter
Model	0.1 in.w.g. of s.p											
PVRE 70 (463444)	89 (42)	70	34	45	21	120	0.54	21.50	9.75	19.63	side / circle	4 in.
COMPATIBLE CONTROLS	DIR-DG - EDF8 - EDF3 - RTS5											



COMFORT AT ITS BEST



*Filters are not covered by this warranty.

OUR BRANCHES

Montreal

9500 Ray-Lawson Blvd.
Anjou, QC H1J 1L1
Phone: 514-493-6400
Fax: 514-493-8722
montreal@powrmatic.ca

Ottawa

1412 Star Top Road, Unit B
Gloucester, ON K1B 4V7
Phone: 613-230-7160
Fax: 613-230-0685
ottawa@powrmatic.ca

London

1064 Hargrieve Road
London, ON N6E 1P5
Phone: 519-675-1491
Fax: 519-675-4725
london@powrmatic.ca

Quebec

385 Fortin Street
Quebec, QC G1M 1B2
Phone: 418-683-2708
Fax: 418-683-8860
quebec@powrmatic.ca

Toronto

157 Rivermede Road
Concord, ON L4K 3M4
Phone: 905-660-0033
Fax: 905-660-8881
toronto@powrmatic.ca

Halifax

50 Troop Avenue, Unit 100
Dartmouth, NS B3B 1Z1
Phone: 902-454-8684
Fax: 902-453-5875
halifax@powrmatic.ca



Dealers :



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