



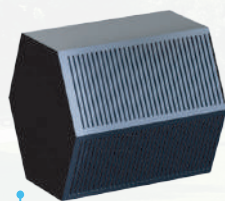
BREMEN HPERV

EVERYTHING YOU NEED TO CREATE
A COMFORTABLE, HEALTHY AND
ENERGY-EFFICIENT INDOOR
CLIMATE

The Bremen Heat Pump Energy Recovery Ventilator delivers clean and fresh air in a double energy recovery system.

FEATURES

-  Double energy recovery, saving your electricity bills.
-  Operate as an independent air conditioner.
-  Low noise level of 37/42 dB(A).
-  Equipped with EC fans & DC inverter compressor to minimize energy consumption.
-  Wide working ambient conditions from -15°C ~ 50°C. R32 refrigerant.
-  Indoor air quality monitoring like CO₂, humidity, TVOC and PM2.5.
-  High efficiency with up to 90% heat recovery and up to 80% humidity recovery.



- Washable
- Long Service Life

Cross-Counterflow
Enthalpy Heat Exchanger



Optional DP Technology
Disinfection Filter

CAPTURE, INACTIVATE, AND ERADICATE
VIRUSES, BACTERIA, MOLDS, FUNGI, AND
POLLENS.



Purification



Ventilation and
Heat Recovery



Cooling/Heating



Dehumidification

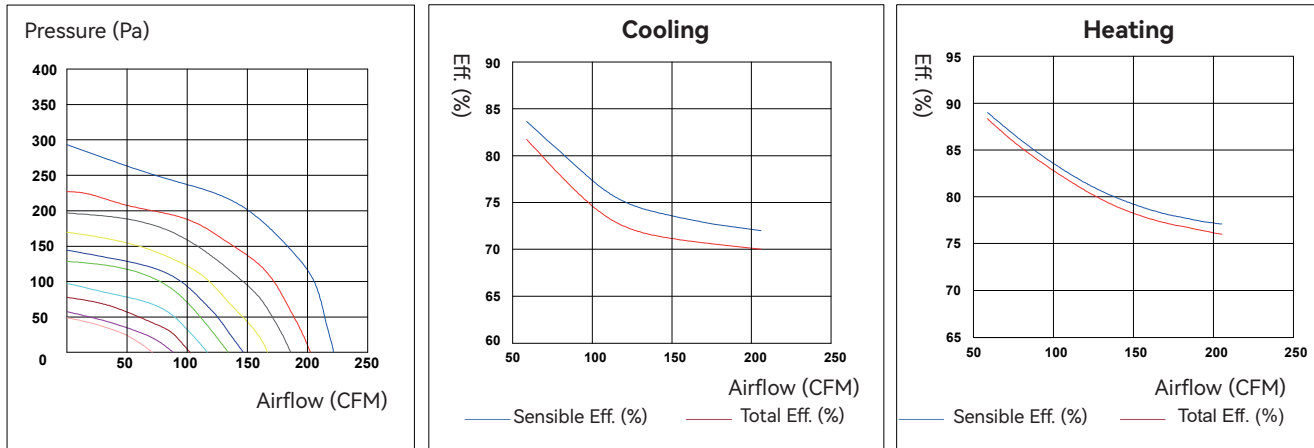


TECHNICAL PARAMETERS

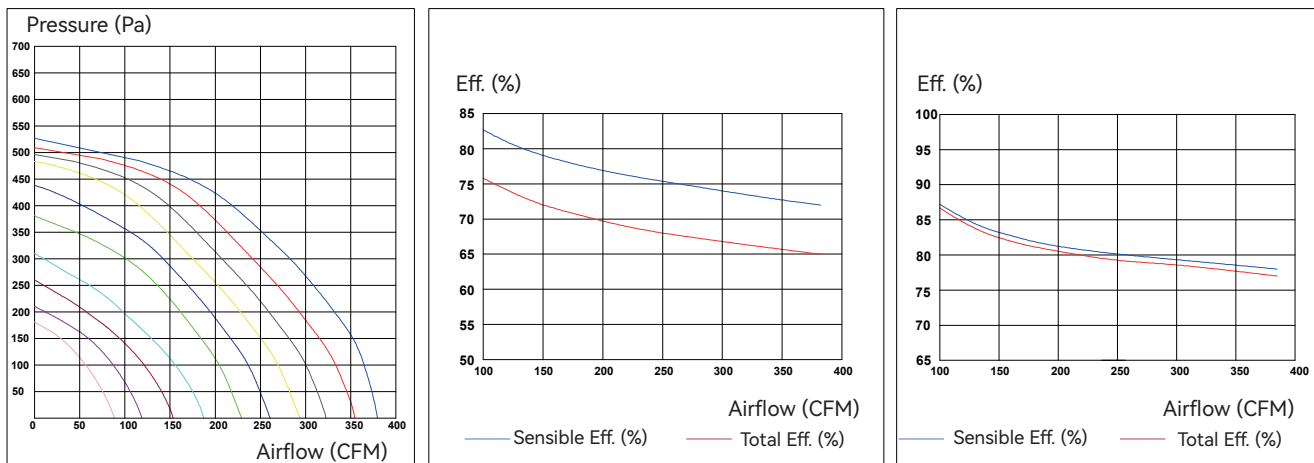
Model		Unit	BEAIR-HP200	BEAIR-HP365	BEAIR-HP560
Rated airflow		CFM	206	365	560
Exhaust airflow (ventilation mode)		CFM	206	365	560
Exhaust airflow (heating/cooling mode)		CFM	206	365	560
External static pressure		Pa	100	100	100
Ventilation mode	Temperature Effi. (heating)	%	77	78	77
	Temperature Effi. (cooling)	%	72	72	73
	Enthalpy Effi. (heating)	%	76	77	70
	Enthalpy Effi. (cooling)	%	70	65	66
	Input power	W	185	451	788
	Input current	A	1.67	3.77	3.93
Cooling/Heating	Norminal cooling capacity	BTU	13000	21800	28300
	Max cooling capacity	BTU	14300	23700	30000
	Input power (cooling)	W	847	1243	1487
	Operation current (cooling)	A	4.43	6.55	6.95
	Norminal heating capacity	BTU	15800	21500	30300
	Max heating capacity	BTU	17000	23600	31000
	Input power (heating)	W	790	1033	1427
	Operation current (heating)	A	3.91	5.74	6.76
Noise		dB(A)	37 / 42	40 / 44.6	41 / 46
Power		/	220V 1Ph 50/60Hz		
Dimension (W*L*H)		in	23 ^{5/8} x 30 x 41	29 ^{1/8} x 41 ^{3/8} x 40 ^{1/2}	29 ^{1/8} x 43 x 46
Weight		lb	298	364	419
Air Inlet/Outlet Diameter		in	7 ^{3/4}	9 ^{5/8}	9 ^{5/8}
Air Inlet/Outlet Height		in	1 ^{1/2}		
Machine Base Height		in	1 ^{1/2}		
Drainage pipe		/	G1/2 21mm		
Refrigerant		/	R32		
Refrigerant charge		lb	0.9	1.1	1.5

PERFORMANCE CHART

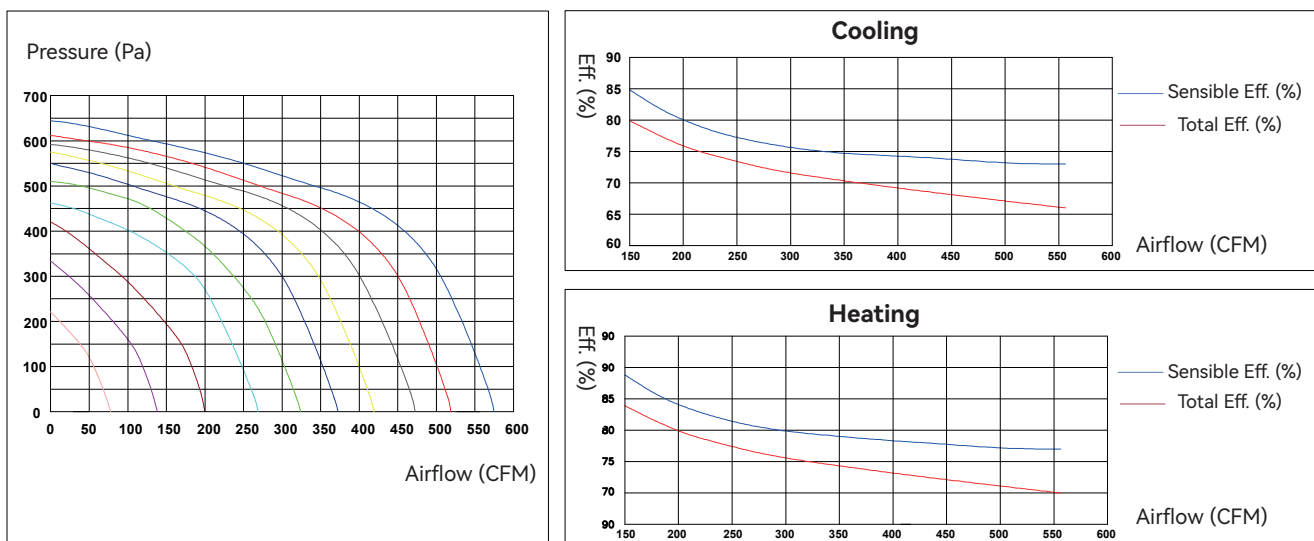
BEAIR-HP200



BEAIR-HP365



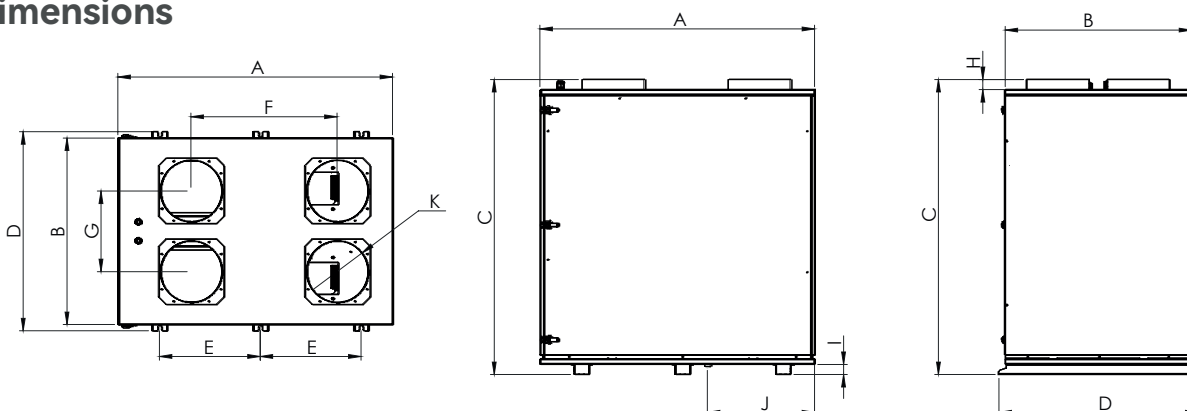
BEAIR-HP560



ECO-DESIGN INFORMATION

Model	BEAIR-HP200	BEAIR-HP365	BEAIR-HP560
Electric power input of the fan drive at maximum flow rate(W)	185	451	788
Specific power input(SPI)(BTU/(m3))	1.67	2.42	2.25
The annual electricity consumption (AEC) (kWh electricity/a)	2.38	3.75	3.48
The annual heating saved-Average(KWh primary energy/a)	46.04	46.18	46.18
The annual heating saved-Cold (KWh primary energy/a)	90.07	90.34	90.34
The annual heating saved-Warm (KWh primary energy/a)	20.82	20.88	20.88

Dimensions



Model	A	B	C	D	E	F	G	H	I	J	K
BEAIR-HP200	30	23 ^{5/8}	39 ^{3/4}	25 ^{5/8}	11	13 ^{1/4}	14 ^{5/8}	1 ^{1/2}	1 ^{1/2}	12	ø7 ^{3/4}
BEAIR-HP365	41 ^{3/8}	29 ^{1/8}	39	31 ^{1/8}	15 ^{3/4}	21 ^{1/4}	12 ^{5/8}	1 ^{1/2}	1 ^{1/2}	16 ^{3/8}	ø9 ^{5/8}
BEAIR-HP560	43	29 ^{1/8}	44 ^{1/2}	31 ^{1/8}	15 ^{3/4}	22 ^{7/8}	12 ^{5/8}	1 ^{1/2}	1 ^{1/2}	16 ^{3/4}	ø9 ^{5/8}

AND MORE



Download the APP at Google Play and App Store.

- EC Fans
- Bypass
- Wifi Function
- Multiple Filters
- DC Inverter
- Optional Wireless IAQ Module
- Advanced LCD Remote Control Panel
- Optional Preheater for Intelligent Defrosting



Recommended when the outdoor air is lower than -15°C