HEAT PUMP DC INVERTER
ENERGY RECOVERY VENTILATOR

COP >6

ErP 2018 COMPLIANT

WiFi

Powered By zigbee

R290 READY

Suitable for **50~200** m^2 rooms
both on cooling/heating and fresh air



Purification

Fresh Air Energy Recovery

Cooling/ Heating

Dehumidification

FEATURES

- Double energy recovery, **COP over 6**.
- Fresh air preconditioning, saving your electricity bill on air conditioning system.
- Wide working ambient conditions: -15°C to 50°C.
- Low noise level of 36/41 dB(A)
- Equipped with EC fans & DC inverter compressor to minimize energy consumption.
- Work as an independent air conditioner in suitable seasons and places.
- Optional indoor air quality monitoring for CO_2, humidity, TVOC, and PM2.5.

CONTROL & FUNCTIONS

- 10-speed control
- Auto bypass
- Temperature control
- Humidity control
- Defrosting
- Filter replacement alarm
- Fault alarm
- RS485 connector
- Auto restart
- Weekly timer
- Multiple signal connectors
- Smart control according to local weather
- Work with Alexa and Google Assistant
- Scenario control
- Group control
- Multiple linkage control
- Optional CO_2 control

Download the **Smart Life** App at Google Play or APP Store

GET IT ON Google Play

Download on the App Store



TECHNICAL PARAMETERS

Model		Unit	AV-HTPC35-EI32	AV-HTPC35-EI290
Rated Airflow		CMH	350	350
Fresh Airflow (Ventilation Mode)		CMH	350	350
Exhaust Airflow (Heating/ Cooling Mode)		CMH	350	350
External Static Pressure		Pa	100	100
Ventilation Mode	Temperature Efficiency (Heating)	%	75.4	75.4
	Temperature Efficiency (Cooling)	%	66.3	66.3
	Enthalpy Efficiency (Heating)	%	71.1	71.1
	Enthalpy Efficiency (Cooling)	%	64.5	64.5
	Input Power	W	185	150
Cooling Mode	Nominal Cooling Capacity	W	4100	4000
	Max Cooling Capacity	W	4350	4260
	Input Power (Cooling)	W	615	580
Heating Mode	Nominal Heating Capacity	W	4230	3675
	Max Heating Capacity	W	4480	3950
	Input Power (Heating)	W	715	660
Noise		dB(A)	36 / 41	33 / 38
Power Supply		/	230V 1P 50/60Hz	230V 1P 50/60Hz
Dimensions (L×W×H)		mm	1050×800×395	1050×800×395
Air inlet / Outlet Diameter		mm	195	195
Air inlet / Outlet Height		mm	80	80
Drainage Pipe		Inch	G1/2 21mm	G1/2 21mm
Net Weight		kg	100	100
Refrigerant		/	R32	R290
Refrigerant Charge		g	320	200

AIRWOODS

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