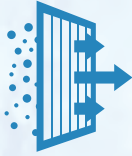


# HPERV *DC INVERTER*



Purification



Fresh Air  
Energy Recovery



Cooling/ Heating



Dehumidification



Suitable for  
**50~650 m<sup>2</sup>**  
Airflow from  
350-950 m<sup>3</sup>/h



## FEATURES



Double energy recovery, **COP over 6**.



Fresh air preconditioning, save your electricity bill on heating system and AC system greatly.



Work as an independent air conditioner in suitable seasons and places.



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.



Indoor air quality monitoring like CO<sub>2</sub>, 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
- Scene control
- Group control
- Multiple linkage control
- Optional CO<sub>2</sub> control

Download the APP for **smart vent** at Google Play market and App Store.



## TECHNICAL PARAMETERS

Model			AC-HTPF35	AV-HTPF60	AV-HTPF90
Rated airflow	CMH		350	620	950
Exhaust Airflow (Ventilation mode)	CMH		350	620	950
Exhaust Airflow (Heating/Cooling mode)	CMH		350	620	950
External static pressure	Pa		100	100	100
Ventilation mode	Temperature Efficiency (Heating)	%	77	78	77
	Temperature Efficiency (Cooling)	%	72	72	73
	Enthalpy Efficiency (Heating)	%	76	77	70
	Enthalpy Efficiency (Cooling)	%	70	65	66
	Input power	W	185	451	788
	Input current	A	1.67	3.77	3.93
Cooling/Heating	Norminal Cooling Capacity	W	3798	6394	8293
	Max Cooling Capacity	W	4173	6946	8801
	Input power (Cooling)	W	847	1243	1487
	Operation Current (Cooling)	A	4.43	6.55	6.95
	Norminal Heating Capacity	W	4631	6287	8870
	Max Heating Capacity	W	4981	6921	9110
	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)	mm		600*760*1040	740*1050*1030	740*1090*1170
Weight	Kg		135	165	190
Air Inlet/Outlet Diameter	mm		195	245	245
Air Inlet/Outlet Height	mm			40	
Machine Base Height	mm			40	
Drainage pipe			G1/2 21mm		
Refrigerant			R32		
Refrigerant charge	g		370	500	660