

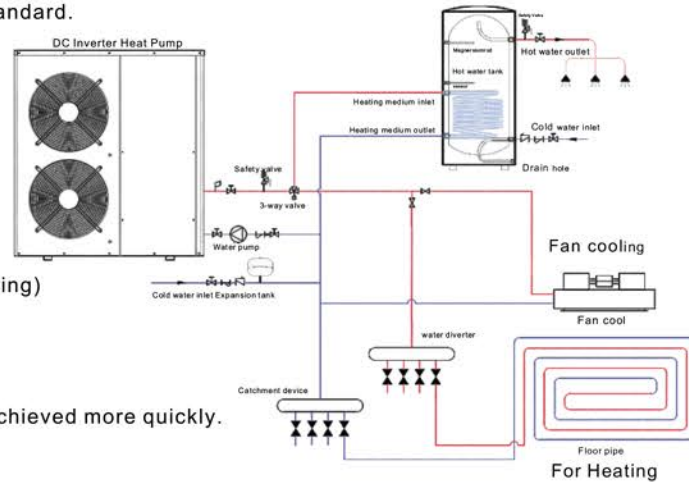


Inverter heat pumps reduce cycling to keep your family more comfortable and to eliminate cold drafts. By minimizing energy lost during cycling, they also improve your home's overall energy efficiency and reduce energy consumption. This not only helps keep your heating and cooling bills in check but also protects the environment from the effects of air pollution and greenhouse gas emissions.

DESCRIPTION

Features & Benefits

- Get Class A++ energy label based on EN14825 standard.
- EVI technology can work in -30degrees .
- With Heating / cooling / hot water function.
- Significantly reduced running costs(up to 50% saving) compared to non-inverter systems.
- Improved comfort as set-point temperatures are achieved more quickly.
- Operating at air temperature -30~+43C, all year round running.
- Low noise owing to the axial fan and compressor unit with variable operating frequency.



EVI DC Inverter Heat Pump for cooling heating and DHW

PARAMETER LIST

Product model		PF-030DC/E	PF-050DC/E	PF-050DC/NE
Cooling	Cooling capacity(kW)	7.7	12.8	12.8
	Cooling capacity Min / Max(kW)	4.9/8.9	8.2/14.8	8.2/14.8
	Cooling input power(kW)	2.6	4.2	4.2
	Cooling input power Min / Max (kW)	1.5/3.7	2.5/6.0	2.5/6.0
	Rated current (A)	12.7	20.5	8.4
	Current Min / Max (A)	7.3/18.1	12.2/29.3	5.0/12.0
	EER	2.96	3.05	3.05
	EER Min / Max	2.41/3.27	2.47/3.28	2.47/3.28
Heating	Heating capacity(kW)	11.8	18.8	18.8
	Heating capacity Min / Max (kW)	7.4/15.9	11.7/23.5	11.7/23.5
	Heating input power(kW)	2.64	4.2	4.2
	Heating input power Min / Max (kW)	1.5/3.9	2.4/6.4	2.4/6.4
	Rated current (A)	12.8	21	8.4
	Current Min / Max (A)	7.5/19.3	11.7/30.5	4.8/12.8
	COP	4.47	4.48	4.48
	COP Min / Max	3.69/4.9	3.67/4.88	3.67/4.88
DHW	Heating capacity(kW)	9.5	15.4	15.4
	Heating capacity Min / Max (kW)	5.9/12.8	9.4/19.8	9.4/19.8
	Heating input power(kW)	2.7	4.4	4.4
	Heating input power Min / Max (kW)	1.5/4.2	2.4/6.8	2.4/6.8
	Rated current (A)	13	22	8.8
	Current Min / Max (A)	7.3/19.7	12.1/32.8	4.8/13.6
	COP	3.52	3.50	3.50
	COP Min / Max	3.05/3.93	2.91/3.92	2.91/3.92
Refrigerant	R410A			
Power supply	208~240V~/ 50Hz-60Hz		380~415V/3N~/ 50Hz-60Hz	
Working area	-30~43°C			
Noise	≤53	≤58	≤58	
Net weight / Gross weight(kg)	140/150	170/180	170/180	
Diameter of pipe (mm)	DN25	DN25	DN25	
Bodysize(W*D*H)	1115*425*710	1050*480*1330	1050*480*1330	
Packing size(W*D*H)	1180*480*850	1120*530*1470	1120*530*1470	
Remark: Cooling working condition: Inlet water temperature 12°C, Outlet water temperature 7°C, Dry bulb temperature 35°C, Wet bulb temperature 24°C. Heating working condition: Inlet water temperature 30°C, Outlet water temperature 35°C, Dry bulb temperature 7°C, Wet bulb temperature 6°C. DHW working condition: Inlet water temperature 15°C, Outlet water temperature 55°C, Dry bulb temperature 7°C, Wet bulb temperature 6°C.				