

INVERPAD® **TURBO**
MR. PERFECT

38.4dB(A), 0 Mechanical Noise



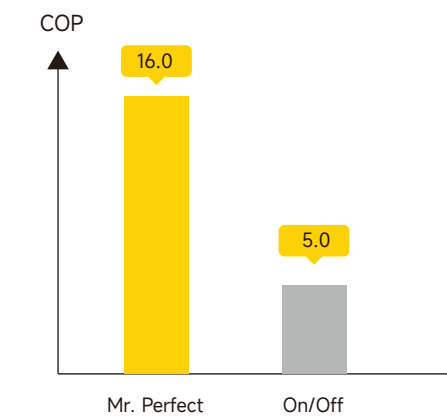


2023 iF Design Award Winner

Mr. Perfect wins over roughly 11,000 submissions from 56 different countries to receive the prestigious iF Design Award 2023, gaining global recognition for its innovative design and excellent performance. The iF DESIGN AWARD is one of the most important and renowned design awards in the world, often regarded as the "Oscars of Design."

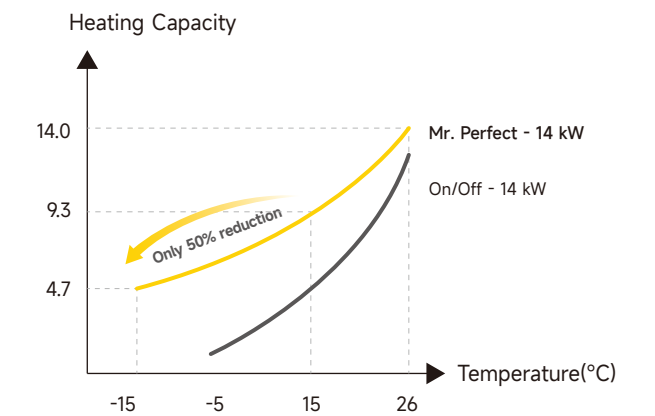
COP UP TO 16

69% more energy saving than on/off

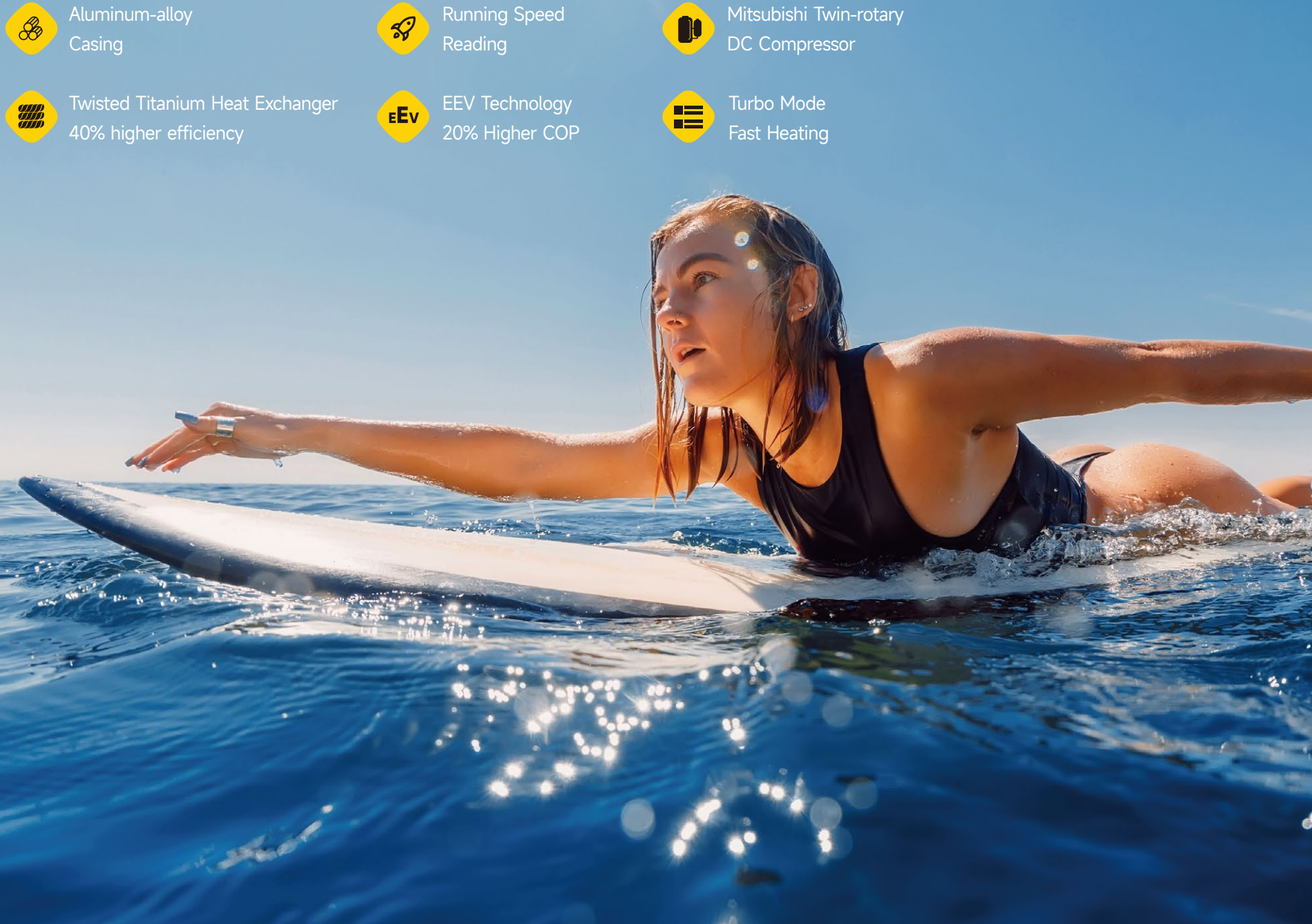


AIR OPERATION -15°C

50% heating output under harsh conditions



OTHER FEATURES



- 

Aluminum-alloy Casing
- 

Running Speed Reading
- 

Mitsubishi Twin-rotary DC Compressor
- 

Twisted Titanium Heat Exchanger
40% higher efficiency
- 

EEV Technology
20% Higher COP
- 

Turbo Mode
Fast Heating

PARAMETERS OF MR. PERFECT



		MP070	MP090	MP110	MP140	MP170	MP190	MP220	MP270	MP270S	MP320	MP320S	MP410S
Technology		InverPad® Turbo											
Operating air temperature (°C)		-15°C~43°C											
Gas		R32/R290											
Advised pool volume (m3) *		10~25	15~30	20~45	30~55	35~65	40~75	40~80	50~95	50~95	60~120	60~120	85~160
 Performance	Air 27°C / Water 27°C / Humidity 80%												
	Heating capacity (kW) Turbo Mode	7	9	11.5	14.0	17.0	18.5	22.5	26.5	26.5	31.5	31.5	40.5
	Heating capacity (kW) Perfect Mode	5.53	7.2	9.3	10.9	13.4	15.4	18.0	20.6	20.6	26.8	26.8	34.5
	COP range	15.2~7.3	15.1~7.2	15.0~7.3	15.0~7.4	15.0~7.1	15.0~7.1	15.5~7.4	15.2~7.3	15.2~7.2	16.0~7.2	15.8~7.2	16.0~7.0
	Average COP at 50% Speed	11.3	11.2	11.4	11.0	11.1	11.2	11.8	11.5	11.3	11.6	11.6	11.5
	Air 15°C / Water 26°C / Humidity 70%												
	Heating capacity (kW) Turbo Mode	5.1	6.5	7.7	9.3	11.5	12.5	15.0	18.0	18.0	21.8	22.1	29.0
	Heating capacity (kW) Perfect Mode	4	5.1	6.3	7.6	9.2	10.6	12.6	14.4	14.6	18.0	18.0	23.9
 Components	Compressor	Twin-rotary Mitsubishi DC Compressor											
	Heat exchanger	Twisted Titanium Heat Exchanger											
 Sound	Fan motor	Turbo Fan											
	Casing	Aluminum-alloy Casing											
	Power supply	230V 1Ph								400V 3Ph	230V 1P	400V 3Ph	
		36.1~44.0	36.1~44.2	36.3~44.5	36.5~45.9	39.3~46.7	39.7~48.5	39.5~49.8	39.8~50.2	39.8~50.0	40.3~50.8	40.5~50.9	40.6~51.3
 Others	Sound level at 1m dB(A)	38.1	38.2	38.4	40.3	42.2	42.5	43.0	43.1	43.4	45.1	45.6	45.7
	Sound level by 50% speed 1m dB(A)	16.1~24.0	16.1~24.2	16.3~24.5	16.5~25.9	19.3~26.7	19.7~28.5	19.5~29.8	19.8~30.2	19.7~30.0	20.3~30.8	20.5~30.9	20.6~31.3
	Sound level at 10m dB(A)												
	Rated input power (kW)	0.16~1.19	0.21~1.55	0.24~1.79	0.29~2.16	0.36~2.67	0.40~2.98	0.45~3.33	0.54~4.00	0.54~4.00	0.59~4.36	0.60~4.42	0.78~5.80
	Input power at 50% Speed (kW)	0.30	0.39	0.47	0.59	0.71	0.78	0.90	1.06	1.08	1.30	1.29	1.71
 Dimensions	Rated input current (A)	0.70~5.17	0.91~6.74	1.04~7.78	1.26~9.39	1.57~11.63	1.74~12.96	1.96~14.48	2.35~17.39	0.78~5.80	2.56~18.96	0.86~6.41	1.13~8.41
	Advised water flux (m³/h)	2~4	2~4	2~4	3~4	4~6	5~7	6~9	8~10	8~10	10~12	10~12	12~18
	Water connection (mm)	50											
 Dimensions	Net dimensions LxWxH (mm)	750*504*656	750*504*656	750*504*656	750*504*656	840*504*656	840*504*656	980*504*756	1135*514*756	1135*514*756	1029*512*1107	1029*512*1107	1139*512*1106
	Qty per 20'FT / 40'HQ (sets)	78/162	78/162	78/162	78/162	72/150	72/150	40/126	34/108	34/108	18/80	18/80	16/72

Remarks: The data above is only for reference. For specific data, please refer to the nameplate on the unit.
* Advised pool volume applies to a private pool with isothermal cover, from April to September.

