

**AQUARK**<sup>®</sup>

MR. SILENCE 30+  
**BEST & BETTER R290**



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# INVERPAD® **TURBO**

Revolutionary Innovation; Best & Better Breakthrough

Developed in 2022, the InverPad Turbo revolutionized pool heating with silent and powerful performance. Its unique Pad design, groundbreaking Turbofan, and stepless DC inverter technology earned the Guinness World Record for the "Quietest Pool Heat Pump".

To bring customer ultimate experience, Aquark created upgraded Mr. Silence 30+. By combining InverPad Turbo with next-gen R290 refrigerant, it achieves an industry-leading COP up to 30, provides 300X nature friendly to our planet, keeps 30X silence, and realizes effortless 4-season swimming for families.



# 30X SILENCE

36.4 dB(A); Whisper with Nature

Powered by InverPad Turbo Tech, Mr. Silence 30+ achieves nearly 0 mechanical noise, 0 refrigerant flow noise, and 0 vibration noise, running at 36.4 dB(A), quiet as whispers. Enjoy lounge poolside, immersed in nature's real sounds



# 30X SAVING

COP up to 30, Thrive with Nature

Combining next-gen refrigerant R290's 145% superior thermal conductivity with our high-efficiency InverPad Turbo tech, the Mr. Silence 30+ achieves a new leap in energy efficiency, with 1kW electricity bringing a maximum 30kW heat output. Thrive with nature through every swim season, enjoying year-round sustainable pool comfort.









# 300X NATURE FRIENDLY

Inspired by Nature; Sustaining Nature

Mr. Silence 30+ adopts nature-friendly R290 refrigerant, leading to 99.6% less GWP. Its brand-new wood grain design and gentle-breathing Turbo light blend organically with garden landscapes. Experience elegance that maintains poolside serenity from internal to external.








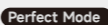



## OTHER FEATURES

-  -20°C-43°C
-  OTA Upgrades
-  Built-in WiFi
-  DC Twin-rotary inverter compressor
-  Twisted Titanium Heat Exchanger
-  EVO Reverse Cycle Frosting

**10** years compressor & gas leakage warranty



## Parameters of Mr. Silence 30+

		MSR110	MSR120	MSR150	MSR180	MSR210	MSR230	MSR290	MSR350	MSR350s	MSR430s
 Features	Technology	InverPad® Turbo									
	Operating air temperature (°C)	-20°C-43°C									
	Gas	R290									
	Advised pool volume (m <sup>3</sup> ) *	20-35	25-45	30-55	35-65	40-75	45-80	60-90	66-110	66-110	75-120
 Performance	Air 27°C / Water 27°C / Humidity 80%										
	Heating capacity (kW)  Turbo Mode	10.5	12.2	15.0	18.2	20.6	23.2	28.7	35.0	35.0	42.5
	Heating capacity (kW)  Perfect Mode	8.2	9.7	12.0	14.2	16.3	18.5	22.0	26.4	26.5	33.0
	COP range	21.4-8.3	21.7-8.6	21.8-8.4	22.0-8.6	21.9-8.7	22.0-8.4	21.8-8.7	21.6-8.3	21.4-8.5	21.3-8.3
	Average COP at 50% Speed	15.2	15.7	15.1	15.4	15.3	15.6	15.4	15.5	15.3	15.4
	Air 15°C / Water 26°C / Humidity 70%										
	Heating capacity (kW)  Turbo Mode	7.2	8.5	10.5	12.4	14.4	16.0	20.0	23.6	23.4	30.3
	Heating capacity (kW)  Perfect Mode	5.8	6.9	8.4	10.0	11.5	12.7	15.5	19.0	19.0	24.0
COP range	8.9-5.9	9.81-5.8	9.2-6.1	9.8-6.1	9.1-6.0	9.5-6.0	9.6-6.0	9.3-6.0	8.9-5.9	8.8-5.8	
Average COP at 50% Speed	7.5	7.5	7.9	8.1	7.8	8.0	7.9	7.8	7.5	7.4	
 Components	Compressor	DC Twin-rotary inverter compressor									
	Heat exchanger	Twisted Titanium Heat Exchanger									
	Fan motor	Turbo Fan									
	Casing	Aluminum-alloy Casing									
	Power supply	220-240V~1Ph /50Hz									380-415V 3N~50Hz
	 Sound	Sound level at 1m dB(A)	36.0-41.7	36.1-42.5	36.3-43.8	37.0-45.4	37.6-46.1	37.7-46.8	37.9-48.3	38.2-48.7	38.3-48.7
Sound level by 50% speed 1m dB(A)		36.4	36.6	38.4	40.1	40.5	41.0	41.3	43.0	43.1	43.6
Sound level at 10m dB(A)		16.0-21.7	16.1-22.5	16.3-23.8	17.0-25.4	17.6-26.1	17.7-26.8	17.9-28.3	18.2-28.7	18.3-28.7	18.8-29.2
 Others	Rated input power (kW)	0.18-1.47	0.19-1.60	0.25-2.10	0.28-2.34	0.35-2.94	0.37-3.08	0.48-4.00	0.56-4.63	0.57-4.78	0.76-6.31
	Input power at 50% Speed (kW)	0.48	0.52	0.66	0.77	0.92	1.00	1.27	1.51	1.56	2.05
	Rated input current (A)	0.78-6.39	0.83-6.96	1.09-9.13	1.22-10.17	1.52-12.78	1.61-13.39	2.09-17.39	2.43-20.13	0.83-6.93	1.10-9.14
	Advised water flux (m <sup>3</sup> /h)	2-4	2-4	3-4	4-6	5-7	6-9	8-10	10-12	10-12	12-18
	Water connection (mm)	50mm									

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.

