



Ice Bath & Hot Bath

Ultra-low Temperature Cold Water Bath is Becoming More and More Popular in the World

The ice bath machine is becoming the popular star of post-workout recovery. According to science, cold water immersion can trigger a flood-gate of mood-enhancing chemicals in the brain by awakening a natural “fight-or-flight” response. This response to “environmental stress” works by conditioning the brain to cope better with the stressors of everyday life. It also decreases the production of inflammatory cytokines linked to anxiety and depression.



ICE BATH & HOT BATH



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This innovation marvel combines the therapeutic benefits of ice baths and hot baths in one stylish, compact unit. With a built-in ice bath machine and advanced features like circulation, disinfection, and filtration, you'll enjoy the most luxurious and customizable bath experiences.



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ICE BATH & HOT BATH



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With water pump, filter, Ozone sterilizer and UV sterilizer in-built

SPECIFICATION

Model		Polar 25	Polar 30	Polar 35	Polar 40
Refrigerant		R410A/R32			
Power supply	V/Ph/Hz	220~240/1/50	220~240/1/50	220~240/1/50	220~240/1/50
Cooling capacity	KW	5.36	6.3	8.8	12.5
	BTU	18200	21480	30000	42600
EER		3	2.9	2.8	2.9
Cooling input power	KW	1.79	2.17	3.15	4.32
Running current	A	8.3	10.1	14.6	20.1
Heating capacity	KW	7.3	9	11.8	16.5
	BTU	24900	30700	40200	56280
COP		4.9	4.8	4.8	4.7
Heating input power	KW	1.49	1.88	2.46	3.52
Running current	A	6.9	8.8	11.5	16.3
Water volume & cooling time (based on testing at 30°C room temp.)	25 °C to 12 °C	200L ≤0.9h 300L ≤1.4h 500L ≥2.3h 1000L ≥4.6h 2000L ≥9.2h	200L ≤0.74h 300L ≤1.15h 500L ≥2.0h 1000L ≥4.0h 2000L ≥8.0h	200L ≤0.52h 300L ≤0.8h 500L ≥1.32h 1000L ≥2.84h 2000L ≥5.68h	500L ≤0.95h 1000L ≥1.9h 2000L ≥3.8h 4000L ≥7.6h
	25 °C to 5 °C	200L ≤1.5h 300L ≤2.4h 500L ≥3.9h 1000L ≥7.8h 2000L ≥15.6h	200L ≤1.25h 300L ≤2.0h 500L ≥3.3h 1000L ≥6.6h 2000L ≥13.2h	200L ≤0.87h 300L ≤1.35h 500L ≥2.3h 1000L ≥5h 2000L ≥10h	500L ≤1.65h 1000L ≥3.3h 2000L ≥6.6h 4000L ≥13.2h
Operating temp. range	°C	-7~43			
Max outlet water temp.	°C	40			
Min outlet water temp.	°C	3			
Max input power	W	1960	2200	3000	5400
Max input current	A	9.1	10.3	14.2	24
Sound pressure at 1m	dB(A)	45	45	54	54
Sound power level	dB(A)	50	50	60	60
Fan qty		1	1	1	1
Compressor qty		1	1	1	1
Compressor model		Rotary			
Heat exchanger		Titanium in PVC			
Water flow volume	M³/hr	2.1-3.1	2.6-3.9	3.4-5.1	4.7-7.1
Water connection	mm	25	32	32	40
Net weight	Kg	56	74	86	158
Gross weigh	Kg	60	84	96	191
Machine Dimension (WxDxH)	mm	651*466*515	904*491*548	1115*470*685	1103*623*938
Packing Dimension (WxDxH)	mm	720*500*545	970*510*580	1200*490*835	1200*680*1080
IP Code		IPX4	IPX4	IPX4	IPX4

*Above data is subject to modification without notice for technical upgrade



PLC INTELLIGENT CONTROL

You can control your water chiller anytime and anywhere through your mobile phone, providing you with a high-quality swimming pool experience.



ICE BATH & HOT BATH



OUR ADVANTAGE

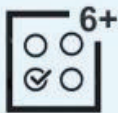
POLAR



Easy To Install



Functional Concentration



Multiple Models To Choose From



Water Quality Disinfection



Failure Warning Prompt

Other Chillers

Difficult To Install

Functions Installed Separately

Single Model

Not Disinfected

No Error Message

HEATING AND COOLING DUAL FUNCTIONS

The newly upgraded third-generation water chiller has two functions, heating and cooling to meet your different water temperature needs and can be used in different seasons.



ICE BATH & HOT BATH



ONE MACHINE
ICE BATHS AND TUBS

SMART PLUNGE TUB LUXURY ICE BATHS & HOT BATHS ALL IN ONE UNIT

Dual-Funtionality: Seamlessly switch between refreshing ice baths and soothing hot baths, all in one unit.

Built-in Ice Bath Machine: No need for External ice sources. Our integrated ice bath machine ensures the water is always at the perfect temperature.

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SPECIFICATION

Model		Polar 10	Polar 15	Polar 20
Refrigerant		R410A/R32		
Power supply	V/Ph/Hz	220/1/50	220/1/50	220/1/50
Cooling capacity	KW	1.95	3.1	3.85
	BTU	6650	10570	13130
EER		3.2	3.2	2.8
Cooling input power	KW	0.61	0.97	1.38
Running current	A	2.9	4.6	6.4
Heating capacity	KW	2.75	3.95	5
	BTU	9380	13470	17000
COP		4.3	4.7	4.6
Heating input power	KW	0.64	0.84	1.09
Running current	A	3	3.9	5.1
Water volume & cooling time (based on testing at 30°C room temp.)	25 °C to 12 °C	50L ≤0.57h 100L ≤1.2h 200L ≤2.8h 300L ≥4h	100L ≤0.86h 200L ≤1.9h 300L ≤3.2h 500L ≥5.1h 1000L ≥10.2h	200L ≤1.25h 300L ≤2.1h 500L ≥3.3h 1000L ≥6.6h 2000L ≥13.2h
	25 °C to 5 °C	50L ≤0.9h 100L ≤2.1h 200L ≤5.1h 300L ≥7.2h	100L ≤1.45h 200L ≤3.3h 300L ≤5.7h 500L ≥9h 1000L ≥18h	200L ≤2.2h 300L ≤3.6h 500L ≥5.8h 1000L ≥11.6h 2000L ≥23.2h
Operating temp. range	°C	-7~43		
Max outlet water temp.	°C	40		
Min outlet water temp.	°C	3		
Max input power	W	880	1200	1600
Max input current	A	4.1	5.6	7.6
Sound pressure at 1m	dB(A)	40	45	45
Sound power level	dB(A)	46	50	50
Fan qty		1	1	1
Compressor qty		1	1	1
Compressor model		Rotary		
Heat exchanger		Titanium in PVC		
Water flow volume	M³/hr	0.6-0.86	1.2-1.63	1.43-2.1
Water connection	mm	20	25	25
Net weight	Kg	40	46	54
Gross weigh	Kg	45	50	58
Machine Dimension (WxDxH)	mm	651*466*515	651*466*515	651*466*515
Packing Dimension (WxDxH)	mm	720*500*545	720*500*545	720*500*545
IP Code		IPX4	IPX4	IPX4

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