

M̄ōōv™

POOL PRODUCTS

Moov TurboSilence



SET & FORGET

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Set and forget!

Gone are the days where you need to turn the heater on and off for the weekend. A heat pump is made to run continuously, keeping the pool at the desired temperature at all times while costing you much less than any other heating method. Efficient, silent, and providing peace of mind! Spend your time enjoying a warm pool, at any given time!

Why inverter technology?

Powered by inverter technology, the inverter system can adjust heating capacity from 20% to 120% intelligently according to different heating factors.

When season starts and heating demand is high, the inverter runs at 100% compressor and fan speed for fast heating. When maintaining the pool temperature, the inverter runs at low speed for energy saving with higher COP and lower sound pressure.

**Calculate
your savings**



Dual Rotary DC Compressor

The rotors operate together to reduce rotational vibration. Furthermore, its boost silence technology reduces noise while improving the Coefficient of Performance (C.O.P).



Built-in Wi-Fi module

Control your device remotely with the Moov App.



Boost Mode

Allows you to increase its heating capacity by 120% to quickly reach the desired temperature.



50% higher energy saving

The average COP is 8, which means 1kW of electricity consumption can provide up to 8kW heat in return. Do more with less!



*AHRI approves the COP and BTU when the heat pump is operating at 100%.



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POOL PRODUCTS

The heat pump's efficiency varies with climatic conditions, setup and other factors such as the average pool temperature desired. Please consult a pool expert first to confirm the right product for your needs.

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Moov TurboSilence	MTS50	MTS65X	MTS90	MTS110	MTS140
Maximum pool capacity (gallons)	≤ 14 000	≤ 18 000	≤ 28 000	≤ 32 000	≤ 42 000
Maximum pool capacity (liters)	≤ 52 000	≤ 68 000	≤ 105 000	≤ 120 000	≤ 155 000
Operating temperature (°F)	23-109				
Performance Condition: Air 80°F / Water 80°F / Humidity 80°F With an operating speed ranging from 20% to 100%					
Heating Capacity (BTU)	47 500	61 000	82 000	107 000	135 000
C.O.P	5.7-13.6	5.6-14	5.7-15.5	5.7-16.3	5.5-16.6
Performance Condition: Air 80°F / Water 80°F / Humidity 63°F With an operating speed ranging from 20% to 100%					
Heating Capacity (BTU)	44 500	56 000	77 000	101 000	126 000
C.O.P	5.5-12.2	5.1-12.6	5.4-14.3	5.4-14.8	5.3-15.1
Performance Condition: Air 50°F / Water 80°F / Humidity 63°F With an operating speed of 100%					
Heating Capacity (BTU)	29 000	37 000	49 000	64 000	81 000
Performance Condition: Air 50°F / Water 80°F / Humidity 63°F With an operating speed ranging from 20% to 80%					
Heating Capacity (BTU)	21 000	24 000	41 000	52 000	61 000
C.O.P	4.5-5.4	4.2-6.1	4.1-7.0	4.3-6.1	4.4-7.2
Technical					
Air input capacity (kW) 80°F	0.46-2.53	0.53-3.39	0.54-4.39	0.61-5.9	0.85-6.85
Air inlet capacity (A) 80°F	2.00-11.00	2.30-14.8	2.34-19.1	2.65-25.6	3.69-29.8
Circuit breaker (A)	20	30	30	40	50
Current	208-230V/1pH/60Hz				
Required Water Flow (L/min)	83-117	108-142	125-158	133-167	133-254
Noise Level 3m dB(A)	32.9-41.5	33.8-43.4	33.0-44.3	34.6-46.2	38.0-48.9
Heat exchanger	Titanium en PVC				
Coating	Metal				
Air discharge	Horizontal			Vertical	
Water inlet and outlet	1 1/2"			2" 9	
Dimension	37.6x12.5x25.5	37.6x15.3x25.5	36.8x27.4x38.9	37.4x27.6x38.9	40.7x31.8x41.9
Net weight (lbs)	114	132	278	298	348
Warranty on labour	3 years				
Warranty on parts	5 years				
Warranty on the exchanger	10 years				