

Varm Commercial Pool Series

A commercial pool heat pump improves energy economy and dependability. Working efficiently, the heat pump units absorb another 6 times of free heat from the ambient environment and transfer it to the pool water, making the heating process more environmentally friendly and cost effective. They are specifically designed for maintaining a constant temperature in swimming pools ranging from 40 m³ to 500 m³, such as pools in hotels, public parks, schools, sports centers, gyms, etc.



26 kW



52 kW - 75 kW



100 kW



121 kW - 145 kW





Varmeks Model		VM-0PC3200026	VM-0PC3200052	VM-0PC3200075	VM-0PC3200100	VM-0PC3200121	VM-0PC3200145	
Rated heating capacity	kW	26	51,5	75	100	121	145	
Rated power input	kW	4,2	8,4	12,1	16,8	20,2	23,8	
COP	°C	6,2	6,1	6,2	6,0	6,0	6,1	
Max outlet water temp		43						
Power supply		380-400V 3PH~50Hz						
Anti-electric shock rate		I						
IP grade (Level of protection)		IPX4						
Refrigerant		R410A						
Working ambient temp	°C	-7~43 °C						
Heat exchanger		Titanium heat exchanger in PVC shell						
Noise	dB(A)	56	58	60	62	64	66	
Water pressure drop	kPa	50	50	50	45	45	50	
Rated water circulation	m ³ /h	11,2	22,1	32,3	43	52	62,4	
Diameter of pipe		G1-1/2" (female thread)	G2" (female thread)	G2" (female thread)	DN110 (PVC flange)	DN110 (PVC flange)	DN110 (PVC flange)	
Net weight	kg	135	280	248	352	450	465	
Product size	Length	mm	740	1500	1530	1705	2005	2005
	Width	mm	805	750	790	1005	1050	1050
	Height	mm	1165	1075	1100	1230	1400	1400

Rated Working Condition: Dry bulb temperature 27 °C, Inlet water temperature 26 °C.

*Installation should be done with PVC pipe.