PoolClub®

POOLCLUB GMBH

Address: Basler Str. 115, 79115 Freiburg, Germany



INVERPAC commercial pool heat pump (Full inverter,Heating&Cooling function, R410A,Vertical design)					
Poolclub model		INVERPAC C50	INVERPAC C60	INVERPAC C100	INVERPAC C130
*** Performance at Air 28°C, Water 28°C, Humidity 80%**					
Turbo Heating capacity	kW	52	60	105	130
Smart Heating capacity	kW	45	55	90	110
Power consumption	kW	9.29-2.27	10.71-2.62	18.1-4.59	22-5.24
C.O.P. in Turbo Mode		5.6	5.6	5.8	5.9
C.O.P. at 50% capacity		10.3	10.4	10.5	10.5
*** Performance at Air 15°C, Water 26°C, Humidity 70%**					
Turbo Heating capacity	kW	40	45	80	100
Smart Heating capacity	kW	32	36	65	75
Power consumption	kW	8.9-2.17	10.47-2.47	18.6-4.39	23.26-5.49
C.O.P. in TURBO Mode		4.5	4.5	4.8	4.8
C.O.P. at 50% capacity		7.4	7.5	7.9	7.9
*** General data**					
Compressor type		Inverter compressor			
Compressor quantity		2	2	2	2
Voltage		380~415V / 50Hz /3PH			
Rated current	A	14.50	16.50	28.00	34.5
Minimum fuse	A	22	25	42	52
Advised pool volume (with pool cover)	m^3	110-160	150-260	180-400	220-520
Advised water flux	m^3/h	22-30	26-35	45-55	55-65
Water pressure drop	KPa	30	32	35	38
Heat exchanger		Titanium exchanger in PVC			
Water connection	mm	63		75	90
Fan quantity		1		2	
Ventilation type		Vertical			
Power input of Fan	kW	750		550*2	750*2
Fan speed	RPM	800-550	800-550	800-550	800-550
Noise level(10m)	dB(A)	≦42	≦42	≦44	≦44
Noise level(1m)	dB(A)	43-61	44-62	45-64	46-65
Refrigerant (R410a)	g				
CO2 equivalent	Tonne				
Dimension/Weight					
Net weight	kg	230	270	460	530
Gross weight	kg	258	310	510	600
Net dimension	mm	865*855*1495		1960*945*1565	
Packing dimension	mm	965*985*1665		2060*1045*1735	