



The new series Heat Pumps DURA+ are ultra quiet and have a ground breaking high efficiency with cop above 6. They keep this high efficiency also at lower outside air temperatures , this makes them also the first choice for the heating of indoor pools.

They have a working range from -10°C till 45°C . Since they all have cooling, they also are well suited for heating and cooling in hot climates. They work with the gas R410a.



Features

- High efficiency coefficient of up to 6
- For heating and cooling
- Easy digital temperature control.
- Cabinet in corrosion proof material
- All functions are microprocessor controlled
- Quiet running with low sound rotary and scroll compressors, low noise fan
- Two speed ventilator for very low noise running
- With R410a for an environment friendly operation and higher efficiency
- Titanium Heat exchanger resistant to salt and chlorine
- High efficiency at low outside temperatures

Performance data of DURA+ Swimming Pool Heat Pumps

UNIT	MODEL	DURA+10	DURA+14	DURA+19	DURA+22T	DURA30T
Heating Capacity A25/W25	kW	9,8	14,2	19,5	22	30
	BTU/h	32000	46700	63000	75000	102000
Heating capacity A15/W25	kW	7,8	11,3	15,8	17,6	23,2
	BTU/h	26500	38500	53800	60000	79000
Cooling capacity A25/W25	kW	7,6	12,0	16,4	17,6	24
	BTU/h	26000	41000	56000	60000	82000
Power Input	kW	1,71	2,46	3,44	3,67	5,0
Maximum volume	m ³	12	18	30	40	50
Running Current	A	7,43	10,7	14,96	6,10	8,3
Max Running Current	A	9,3	13,4	18,7	7,1	9,5
COP at A25/W25		5,7	5,8	5,7	4,8	4,7
Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	380/ 3/ 50	380/ 3/ 50
Controller		Electronic control				
Condenser		Titanium heat exchanger				
Compressor Quantity		1	1	1	1	1
Compressor		rotary	rotary	Scroll	Scroll	Scroll
Refrigerant		R410a	R410a	R410a	R410a	R410a
High air flow	M3/h	2100	2300	3200	4500	4500
Low air flow	M3/h	1800	2000	2700	3800	3800
Fan quantity		1	1	1	1	1
Fan Power Input	W	120	120	120	215	215
Fan Speed	RPM	850/750	850/750	850/750	820/680	820/680
Fan Direction		horizontal	horizontal	horizontal	Vertical	Vertical
Noise	dB(A)	51	54	54	57	57
Water Connection	mm	50	50	50	50	50
Nominal Water Flow	m ³ /h	3	4,5	6,0	14	19
Water Pressure Drop (max)	kPa	10	10	10	16	17
Unit Net Dimensions	L/W/H mm	905/420/650	905/420/650	1200/470/850	660/660/960	660/660/960
Unit Shipping Dimensions	L/W/H mm	1030/440/700	1030/440/700	1240/480/900	700/740/1110	700/740/1110
NetWeight / Shipping Weight	Kg	60/65	77/82	117/128	112/122	123/133

