



# HEAT PUMPS DURA+



							
	Model	DURA +7	DURA +10	DURA +14	DURA +19	DURA +22T	DURA +30T
Heating capacity A25./W25	kW	7	9,8	14,3	19,6	22,5	31
	BTU/h	23900	33450	48500	66500	76700	105000
Heating capacity A15/W25	kW	6,4	8,9	12,8	17,8	21,3	29,4
	BTU/h	22200	30400	43700	60700	72700	100000
Cooling capacity A25/W25	kW	5,2	7,6	12,0	16,4	19,5	22,5
	BTU/h	17700	26000	41000	56000	66300	76500
Power Input	kW	1,1	1,5	2,2	3,0	3,8	5,2
COP at A25/W25	C.O.P.	6,4	6,5	6,5	6,5	5,9	6,0
COP at A15/W25	C.O.P.	5,8	5,9	5,8	5,9	5,3	5,4
Maximum volume <sup>1</sup>	m <sup>3</sup>	30	40	60	80	95	130
Running Current	A	4,8	6,7	10,4	13,4	6,7	9,2
Max Running Current	A	6,4	9,2	14,2	18,7	9,7	12,6
Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	400/3/50	400/3/50
Controller		Electronic control					
Condenser		Titanium heat exchanger					
Compressor type		Rotary	Rotary	Rotary	Scroll	Scroll	Scroll
Refrigerant		R410a	R410a	R410a	R410a	R410a	R410a
Pressure gauge		Yes	Yes	Yes	Yes	Yes	Yes
High air flow	m <sup>3</sup> /h	2100	2300	2300	3200	5000	5000
Low air flow	m <sup>3</sup> /h	1800	2000	2000	2700	4300	4300
Fan Power Input	W	90	120	120	150	200	200
Fan Speed	RPM	850/750	850/750	850/750	850/750	830/730	830/730
Fan direction		Horizontal	Horizontal	Horizontal	Horizontal	Vertical	Vertical
Noise	dB (A)	50	51	51	54	58	58
Water Connection	mm	50	50	50	50	50	50
Nominal Water Flow	m <sup>3</sup> /h	2,3	3	4,5	6	7,5	10,5
Water Pressure Drop (max)	kPa	10	10	10	10	12	12
Unit Net Dimensions (l/w/h)	mm	746/280/570	956/360/600	956/360/600	1115/470/870	744/762/980	744/762/980
Unit Shipping Dimensions (l/w/h)	mm	850/310/650	1040/415/680	1040/415/680	1220/480/940	805/820/1050	805/820/1050
Net Weight / Shipping Weight	kg	35/43	49/61	55/67	102/130	102/130	102/130

Measuring conditions: Outdoor air temp: 25°C , Inflowing water temp: 25°C, rel. humidity: 65%

<sup>1</sup> Maximum volume for an entirely insulated pool, with cover, free from wind and exposed to the sun.

Your distributor



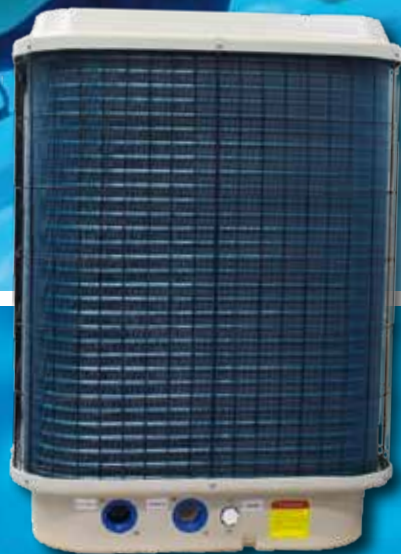
# HEAT PUMPS DURA+

THE IDEAL SOLUTION ...  
for heating your swimming pool, jacuzzi or spa.

dura<sub>4</sub>



DURA+ 7/10/14/19



DURA+ 22T/30T

duratech<sup>®</sup>

# HEAT PUMPS DURA+

**THE IDEAL SOLUTION ...  
for heating your swimming pool , jacuzzi or spa.**

## Highly efficient and economical

The heat retrieved from the air outside and transferred to the pool water. For each kW consumed by the DURA+ heat pump, 6 kW can be returned to the pool. So **5 out of 6 kW are for free.**

## Use

The DURA+ heat pump has to be installed outside. It can **heat the pool a whole year round** and will even work with outside temperatures as low as **-10°C**. A cooling mode allows the water to be **cooled down** by the DURA+ heat pump as well.

## Environment

- DURA+ heat pumps are **less harmful to the environment** because 83% of the energy produced is retrieved from the outside air and therefore purely natural.
- Also the gas used, R410a, has **no harmful effect on the ozone layer.**

## Constructed for durability and longevity

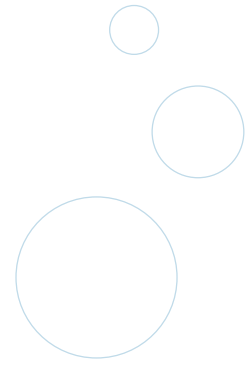
Using advanced and **high quality materials** like "Acrylic" and "Titanium" for the heat exchanger means the DURA+ can resist to rust and erosion from chlorine in the water. The DURA+ heat exchanger is oversized to improve efficiency.

## Easy installation

The unit is intelligently designed and remarkably compact for **ease of installation**. Example : the integrated pressure switch senses the water pressure and automatically starts the heater when the pool pump starts and stops when the pump shuts off.







**DURA+ heat pumps can save you up to 83% in operating costs.** Whether you just want to extend your swimming season or swim all season in a warm comfortable pool, the DURA+ heat pump can pay for itself in just a few years with the operation costs savings.



## Advanced control

The integrated microprocessor monitors all the sensors and controls the device without any intervention of the user. Electronic display and control with **easy operation is standard.**

## Running quietly

The use of a high efficient, low sound rotary or scroll compressor, low noise variable speed fan and an oversized heat exchanger, makes the unit **extremely quiet** in operation.



## Features:

- High Coefficient of Performance up to 6 and higher
- Capable of heating and cooling
- Easy digital temperature control
- Major part of cabinet in ABS
- All functions are microprocessor controlled
- Quiet running with low sound rotary and scroll compressors
- Variable speed fan for very low noise running
- Using R410a for an environment friendly operation and higher efficiency
- Titanium heat exchanger resistant to salt and chlorine
- High efficiency at low outside temperatures

DURA+ 7/10/14/19

