DURA-Hi

Redefining pool heating technology

SCOP according to norm NEN-EN17645

COP UP TO 26,4
SCOP UP TO 11,76

Ultimate performance and efficiency, save on your heating costs
without compromising your swimming comfort.

WHISPER-SILENT

Optimum enjoyment of your pool, in peace
and quiet, in harmony with your neighbours.

SPACE-SAVING
INSTALLATION

Installation against, and even on, the wall.
Saves space and simplifies installation.

BLUETOOTH APPLICATION

DURACLOUD, one app for daily use and configuration.
Easy connection via Bluetooth.

HEAT **DURA-Hi**

Heat pump, Full Inverter technology, **available in 3 models** from 11 up to 22kW.

PATENT PENDING

Unique and patented air flow management, maximizing the performance of the heat pump.

Energy-efficient way to extend the swimming season, with **COP up to 26,4 and SCOP up to 11,76**.

Bluetooth connection with DURACLOUD App including:
- Dashboard for daily use
- Settings and configuration
- Import and export of parameters
- Software update of the heat pump

Space-saving installation.
- Compact design
- Sideways air blow-out
- Can be installed against the wall

Spa mode for DURA-H11i, changing all necessary settings to optimise performance for use with spas.

Ideal for 4-season use, including a bottom tray heater to prevent ice build-up.

Whisper-silent operation down to 19,2 dB(A).

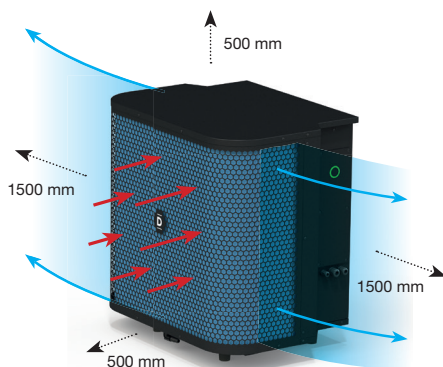**Heating, cooling or both** in automatic mode.

Titanium heat exchanger, **compatible with salt-electrolysis**.

NoFrost™, prevents the heat pump from freezing during winter.

FullFlow™, ensures maximum water flow through the heat pump.

Compatible with LINK Master, using the advanced **DuraNet Communication Technology***.
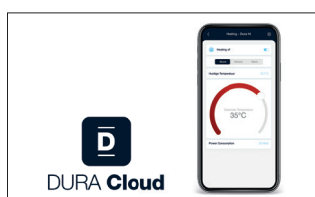
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* DuraNet Communication Technology
Unique communication protocol over the power cable. Allows full control of connected Duratech products with a single cable.

Required installation space

500 mm
1500 mm
1500 mm
500 mm

Blow-out
Air Intake

Technical Specifications

PRODUCT CODE		DURA-H11i	DURA-H17i	DURA-H22i
Pool volume up to*	m³	30-50	40-70	60-100
Operating air temp.	°C	-10 / 43	-10 / 43	-10 / 43
Available operation mode		Heating & Cooling	Heating & Cooling	Heating & Cooling
PERFORMANCE CONDITION 1: AIR 27°C / WATER 26°C / RH 80%				
MODE		Low - Nominal - Boost	Low - Nominal - Boost	Low - Nominal - Boost
Heating capacity	kW	2,64 - 10,03 - 10,59	3,91 - 15,35 - 16,7	5,03 - 20,88 - 21,56
Power input	kW	0,10 -1,18 -1,41	0,15 - 1,90 - 2,40	0,19 -2,51 - 2,79
COP		26,4 - 8,5 - 7,51	25,58 - 8,06 - 6,96	25,87 - 8,32 - 7,72
PERFORMANCE CONDITION 2: AIR 15°C / WATER 26°C / RH 70%				
MODE		Low - Nominal - Boost	Low - Nominal - Boost	Low - Nominal - Boost
Heating capacity	kW	1,9 - 7,43 -7,65	2,5 - 11,29 - 12,53	3,56 - 15,18 - 15,49
Power input	kW	0,21 - 1,34 - 1,42	0,28 - 2,27 - 2,78	0,41 - 3,3 - 3,4
COP		9,05 - 5,55 - 5,39	8,93 - 4,97 - 4,51	8,68 - 4,6 - 4,56
PERFORMANCE CONDITION 3: AIR 10°C / WATER 26°C / RH 64%				
MODE		Low - Nominal - Boost	Low - Nominal - Boost	Low - Nominal - Boost
Heating capacity	kW	1,8 - 6,48 -6,89	2,5 - 10,64 -11,18	3,15- 14 - 14,41
Power input	kW	0,23 - 1,30 - 1,40	0,32 - 2,13 - 2,7	0,45 - 2,88- 3,06
COP		7,83 - 4,98 - 4,89	7,81 - 5 - 4,14	7 - 4,85 - 4,70
Nominal current	A	5,61	10,37	14,05
Max. current	A	7,5	12	17
Power supply		230V/50Hz/1 Phase	230V/50Hz/1 Phase	230V/50Hz/1 Phase
Casing type		Premium steel with superior scratch resistant coating		
Compressor type		DC Inverter	DC Inverter	DC Inverter
Refrigerant		R32	R32	R32
Fan direction		Horizontal both sides	Horizontal both sides	Horizontal both sides
Noise at 10m	dB(A)	20,2 - 35,5	20,5 - 36,3	19,2 - 34,6
Water connection	mm	50/63	50/63	50/63
Unit net dim. (W*D*H)	mm	590 x 490 x 590	590 x 490 x 590	760 x 565 x 780
Shipping dim. (W*D*H)	mm	600 x 506 x 772	600 x 506 x 772	770 x 581 x 910
Net weight	kg	44	49	71
Shipping weight	kg	60	68	93
Warranty	year	3	3	3
SCOP		11,76	10,45	9,89

* The pool volume is based on an extended swim season for an entirely insulated pool with cover, free from wind and exposed to the sun.

Accessories

REMOTE CONTROL

DURA Cloud App p. 92
App to control the DURA-Hi heat pump.

WALL MOUNTING RAIL

ACCS-DURA-043
Mounting rail for the installation of the
heat pump against the wall.