





Welcome to House of DURATECH! The product brochure you are holding is far more than just a handy overview of all the innovative swimming pool accessories we offer. It is the key to a practical and long-lasting swimming pool installation that makes dreams come true.

Since 2002, House of DURATECH has been developing and producing innovative swimming pool accessories such as sustainable LED lighting, heat pumps, filter pumps, control and cover systems. All our products comply with the most stringent technical standards, but they are also innovative in terms of their simple installation and ease of use. These innovations are driven by the personal experiences of our CEO, Marc Lamberts, who is the son of a swimming pool constructor himself and helped his father with the installation and finishing of swimming pools from an early age. Now he uses his skills as an engineer to develop innovations that improve swimming pool installations.

"As the son of a swimming pool constructor, I helped install swimming pools myself when I was younger, so I really understand what swimming pool installers need. That is why DURATECH only develops innovative products that make installation faster, longer-lasting, cheaper and more efficient."

Marc Lamberts, CEO House of DURATECH

Our passion for research and development forms the basis of our business. There is no point imitating existing products, so every product in the DURATECH range offers a certain innovation or improvement:

Easier installation
Less maintenance
Longer lifespan
Lower energy consumption

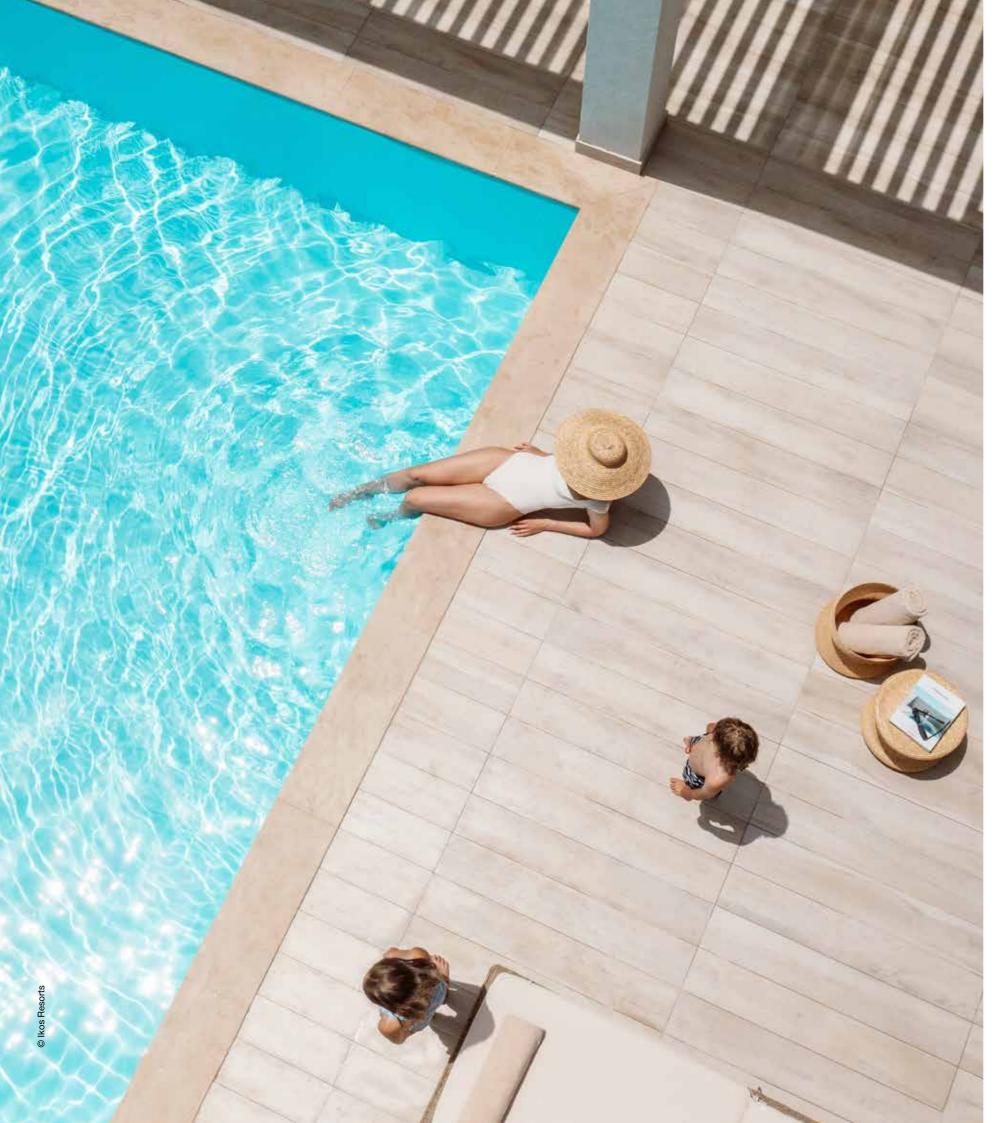
Our latest new developments are focused on an all-round, complementary range of products that are interconnected by clever software. Sustainability and energy efficiency are key. Our products make pools easier to install, reduce maintenance and last longer, which gives swimming pool owners an attractive long-term benefit. That puts the dream of years of carefree swimming bliss and an everlasting holiday feeling within everyone's reach.

"Our innovative product range makes the dream of a swimming pool accessible to everyone. That sense of spreading happiness gives our entire team the drive to guarantee the best service day after day."

Ariëtte Heilbron, HR Manager House of DURATECH

We wish everyone a wonderful time in their swimming pool!

Ariëtte & Marc Lamberts | House of DURATECH



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PROPULSION SYSTEMS BV

The Belgian manufacturer of the brand House of DURATECH, has been developing and producing sustainable and ecological products for swimming pools for 20 years.

The House of DURATECH range consists of:

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DURAHEAT Heat Pump products	39
DURAFLOW Pool Flow products	59
DURACOVER Cover System products	69
DURALINK Control products	85



POOL CONNECTIONS

The expectations of a technical pool installation are ever-increasing, making it more complex. The installation, connection and commissioning take more valuable time from the specialist installer.

Day-to-day use is also becoming a challenge, more pool owners are finding it difficult to operate their pool installations correctly.

During the development of DURATECH products, much attention is paid to this. Easy installation, connection and management are key.

All technical devices are connected directly to the LINK Master, which is a great simplification in installation.

The connected devices are controlled in an intelligent way for the most efficient and safest operation of the swimming pool installation.

The swimming pool owner has 1 app, DURA Cloud, to control and monitor his swimming pool. The swimming pool installer can also monitor the installation remotely.

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DuraLinkTM

CONNECTED PRODUCT RANGE

SIMPLE AND QUICK INSTALLATION

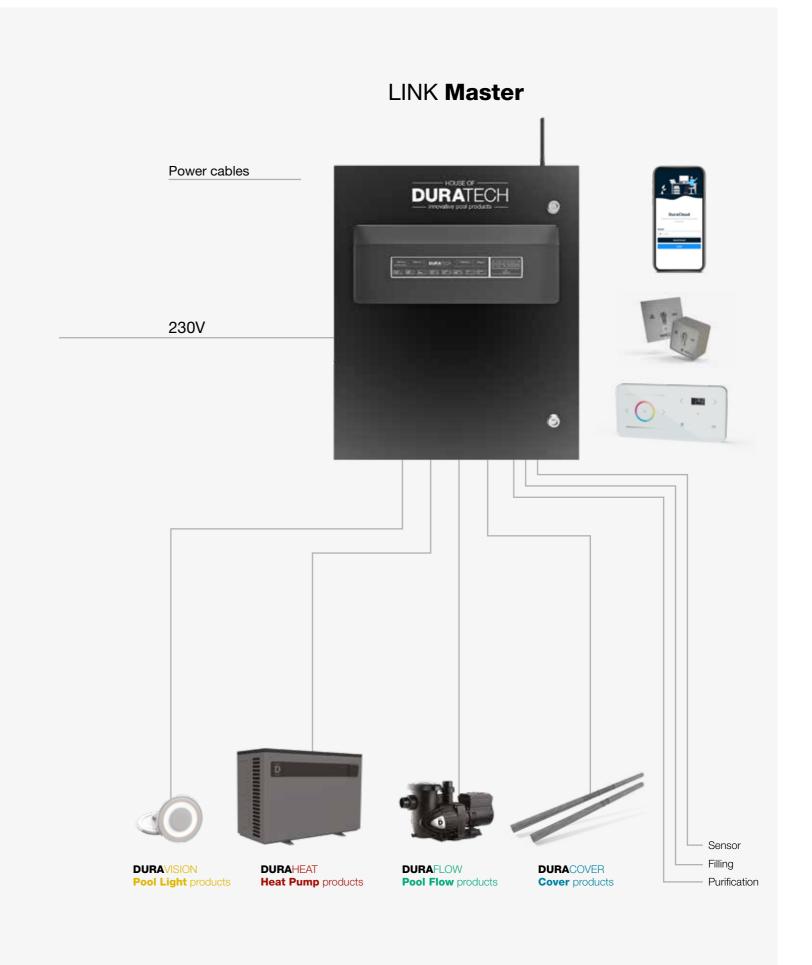
- Power supply and control through the same cable
- DURATECH devices are automatically recognised
- Configuration/calibration via the DURA Cloud app
- Control of multi-brand devices through 2 relay contacts

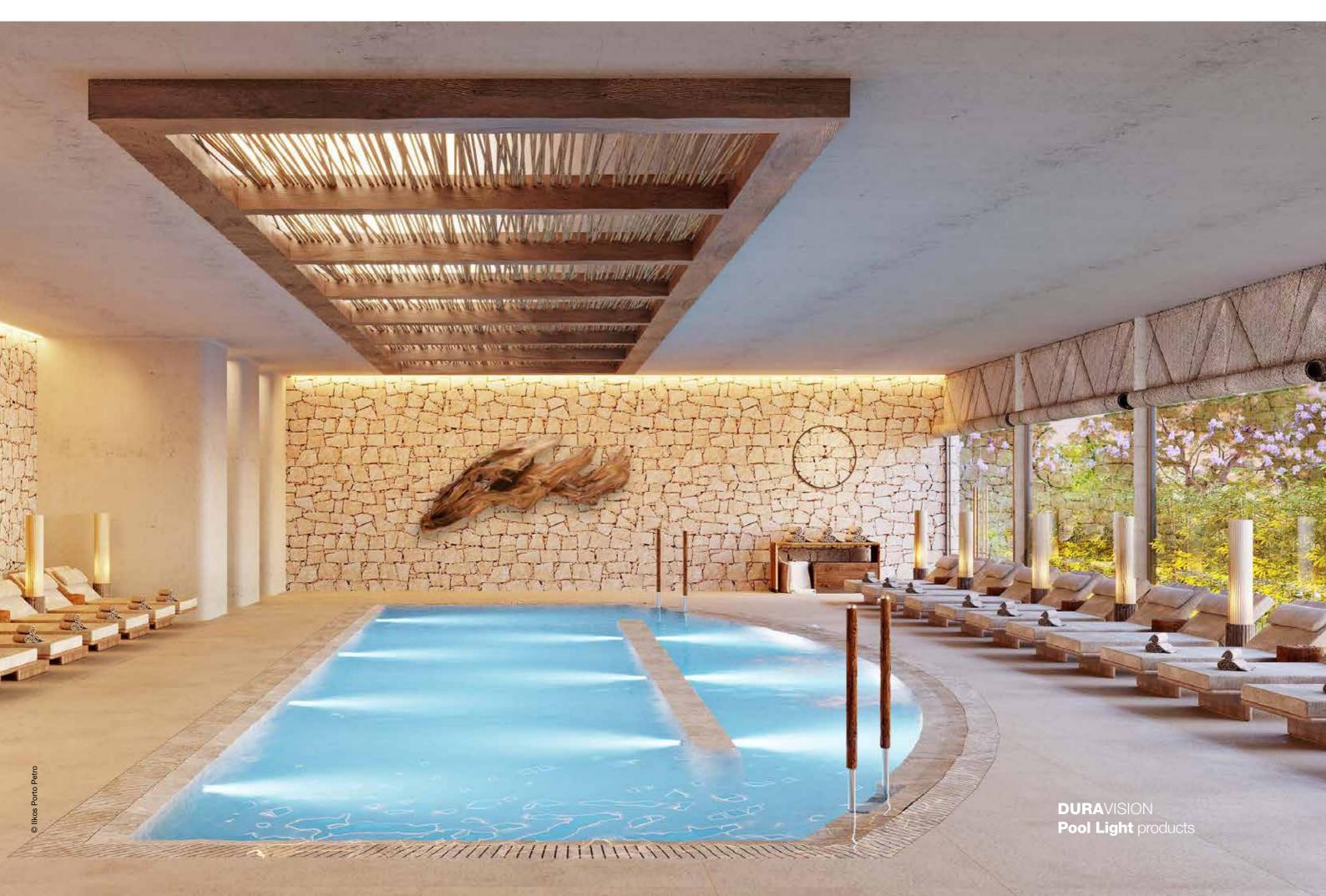
EFFICIENT, SAFE AND ENERGY-SAVING

- Intelligent control of connected devices
- Standard filter programs
- Creation of own scheduler(s) with operating times of filter pump, heat pump and lighting for optimum operation in every situation
- Power protection

USER-FRIENDLY

- 1 app for controlling the pool installation
- Different profiles with corresponding possibilities
- Remote monitoring of swimming pool installation







DURAVISION Pool Light products

VISION Spectra DVM	16
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LEGEND



QuickConnect™

Unique connector between cable and lamp. Simple and reliable installation, regardless of the diameter of the DURAVISION lamp.



PressFit™

Simply push the DURAVISION lamp with connector into the wall conduit. Also accommodates tolerances, so that a seamless connection is always obtained to the pool wall.



NoAir™

Filled, air-free DURAVISION lamp. This unique production process guarantees leak- and condensation-free swimming pool lighting. At the same time, the internal light reflection is eliminated, resulting in more light output.



ClickOn™

DURAVISION lamps and VISION Face Plates have been developed in such a way that they simply click together.



Thanks to the very flat shape, the DURAVISION lamp cannot be used as a step, which prevents damage.

POOL LIGHT PRODUCTS

DURAVISION

DURAVISION, a wide range of LED underwater lighting for swimming pools.



By using quality parts in combination with new technologies, the boundaries of underwater lighting are constantly being pushed without compromising on quality. DURAVISION is robust, effective and energy efficient.

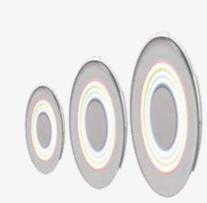
All DURAVISION products are coordinated with each other, always taking into account simplicity of installation and ease of use.

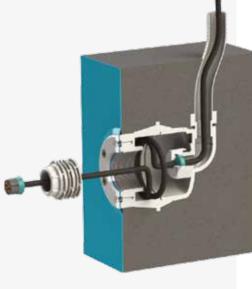
An extensive selection of finishing rings guarantees a unit in harmony with the pool.

every situation and budget.

ONE SOLUTION FOR MANY COMBINATIONS







Finishing rings p. 28-30

- In stainless steel and high-quality polymer
- Different models and colours
- · Ultra Flat
- Easy assembly thanks to ClickOn™

LED lighting p. 16-22

- · 3 diameters 50/100/170mm
- · Up to 5500 lumen
- Both fixed and variable colours
- QuickConnect™ connector for simple and reliable installation
- PressFit[™], easy installation of the lamp in wall conduit

Wall conduits p. 24-26

- A wall conduit for any type of pool
- Watertight connection in combination with flexible
 pipe
- Up to 1.5 meters of storage space for cable

VISION Spectra DVM

DURAVISION
Pool Light products



CHARACTERISTICS

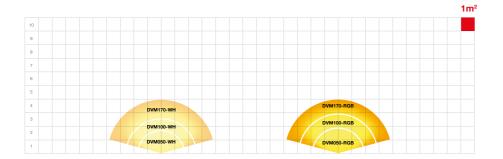
- 3 diameters 50/100/170mm
- Available in white and RGB
- RGB: 11 fixed colour programs, control via ON/OFF
- 12 VAC / 2 wire
- Polymer Housing
- Included in packaging: Spectra DVM lamp 2-wire cable, 2 meters QuickConnect™ kit with Magic Nut Retrofit kit PAR56 niche (170mm only)
- Always to be used in combination with toroidal transformer

- Wide beam angle

- Quick and easy installation thanks to: $\mathsf{QuickConnect}^{\mathsf{TM}}$
 - $\mathsf{PressFit}^{\mathsf{TM}}$
- Personalize with VISION Face Plates

ADVANTAGES

- Waterproof thanks to NoAir™ housing
- PAR56 niche retrofit solution (170mm only)
- Compatible with salt electrolysis
- - ClickOn™



Values in graph refer to swimming pools with white or light-coloured walls that require 100-150 lm/m². Increase the light (lumen) by 50% for medium colours. Dark walls are difficult to illuminate and need up to 250% extra light.



Scan or click here for the online installation manuals.



TECHNICAL SPECIFICATIONS

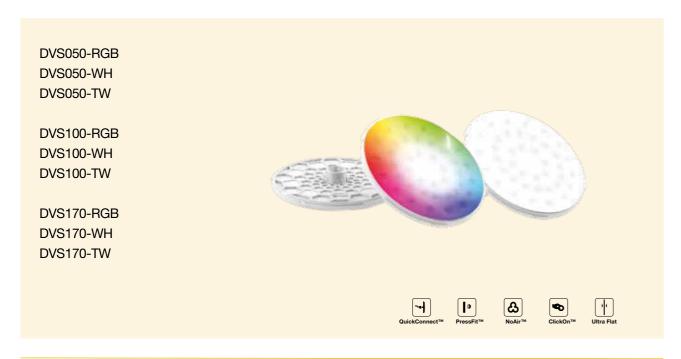
CHARACTERISTICS	UNIT	DVM050-RGB	DVM050-WH	DVM100-RGB	DVM100-WH	DVM170-RGB	DVM170-WH
Diameter	mm	50	50	100	100	170	170
Light colour		RGB	White	RGB	White	RGB	White
Nominal colour temperature	K	-	5000	-	5000	-	5000
Max. light output	lm	400	375	1000	875	1600	1675
Beam angle	0	116	116	116	116	116	116
Max. power	W	8	5	16	9	20	17
Nominal input voltage	VAC	12	12	12	12	12	12
Water temperature	°C	up to 40	up to 40	up to 40	up to 40	up to 40	up to 40
Warranty	year	2	2	2	2	2	2

WALL CONDUITS	FINISHING RINGS	CONTROL / POWER SUPPLY
VISION Wall Conduits p. 24-26	VISION Face Plates p. 28-30	LINK Driver p. 88
		LINK Controller p. 92
		LINK Master p. 96

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VISION Spectra DVS

DURAVISION
Pool Light products



CHARACTERISTICS

- 3 diameters 50/100/170mm
- Available in white, TW and RGB
- RGB: 11 fixed colour programs, control via ON/OFF
- TW: 6 white tones and blue, control via ON/OFF
- 12 VAC / 2-Wire
- Polymer housing
- Included in packaging:

Spectra DVS lamp

2-wire cable, 2 meter

QuickConnect™ kit with Magic Nut

Retrofit kit PAR56 niche (170mm only)

Always to be used in combination with toroidal transformer

ADVANTAGES

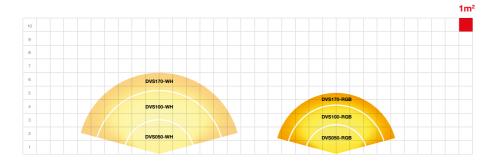
- Wide beam angle
- Waterproof thanks to NoAir™ housing
- PAR56 niche retrofit solution (170mm only)
- Compatible with salt electrolysis
- Quick and easy installation thanks to:

QuickConnect™

 $\mathsf{PressFit}^{\mathsf{TM}}$

ClickOn™

- Personalize with VISION Face Plates



Values in graph refer to swimming pools with white or light-coloured walls that require 100-150 lm/m². Increase the light (lumen) by 50% for medium colours. Dark walls are difficult to illuminate and need up to 250% extra light.



TECHNICAL SPECIFICATIONS

CHARACTERISTICS	UNIT	DVS050-RGB	DVS050-TW	DVS050-WH
Diameter	mm	50	50	50
Light colour		RGB	Tunable white	White
Nominal colour temperature	K	-	3000 - 6500 + blue	5000
Max. light output	lm	450	550	700
Beam angle	0	116	116	116
Max. power	W	8	8	10
Nominal input voltage	VAC	12	12	12
Water temperature	°C	up to 40	up to 40	up to 40
Warranty	year	2	2	2

CHARACTERISTICS	UNIT	DVS100-RGB	DVS100-TW	DVS100-WH
Diameter	mm	100	100	100
Light colour		RGB	Tunable white	White
Nominal colour temperature	K	-	3000 - 6500 + blue	5000
Max. light output	lm	1550	1500	2300
Beam angle	0	116	116	116
Max. power	W	20	20	26
Nominal input voltage	VAC	12	12	12
Water temperature	°C	up to 40	up to 40	up to 40
Warranty	year	2	2	2

CHARACTERISTICS	UNIT	DVS170-RGB	DVS170-TW	DVS170-WH
Diameter	mm	170	170	170
Light colour		RGB	Tunable white	White
Nominal colour temperature	K	-	3000 - 6500 + blue	5000
Max. light output	lm	2450	2400	3950
Beam angle	0	116	116	116
Max. power	W	32	32	40
Nominal input voltage	VAC	12	12	12
Water temperature	°C	up to 40	up to 40	up to 40
Warranty	year	2	2	2

WALL CONDUITS	FINISHING RINGS	CONTROL / POWER SUPPLY
VISION Wall Conduits p. 24-26	VISION Face Plates p. 28-30	LINK Driver p. 88
		LINK Controller p. 92
		LINK Master p. 96

VISION Adagio Pro

DURAVISION
Pool Light products

PLP050-RGB
PLP050-TW
PLP050-WH
PLP050-WH
PLP050-WW
PLP170-WW
PLP050-BL
PLP100-RGB
PLP100-TW
PLP100-WH
PLP100-WH
PLP100-WH
PLP100-WH
PLP100-WW
PLP100-BL

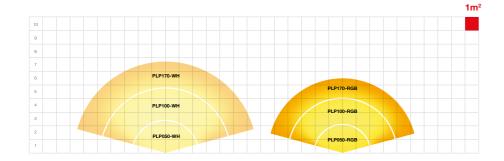
CHARACTERISTICS

- 3 diameters 50/100/170mm
- Available in white, warm white, blue, TW and RGB
- RGB: 14 fixed colour programs, control via ON/OFF or PLC communication
- TW: 7 shades of white and blue, control via ON/OFF or PLC communication
- Dimming function for RGB and TW via PLC control
- 12 VAC / 2 wire
- Polymer housing
- Included in packaging:
 Adagio Pro lamp
 2-core cable, 4 meters
 - QuickConnect™ kit with Clips Nut Retrofit kit PAR56 niche (170mm only)

- Always to be used in combination with toroidal transformer

ADVANTAGES

- Wide beam angle
- Waterproof thanks to NoAir™ housing
- PAR56-niche retrofit solution (170mm only)
- Compatible with salt electrolysis
- Quick and easy installation thanks to:
 - $\mathsf{QuickConnect}^{\mathsf{TM}}$
 - $\mathsf{PressFit}^{\mathsf{TM}}$
 - ClickOn™
- Personalize with VISION Face Plates
- Free colour choice (RGB and TW) in combination with LINK Touch remote control
- Control from home automation possible via RS485 / DMX512, only in combination with LINK Controller or LINK Master



Values in graph refer to swimming pools with white or light-coloured walls that require $100-150 \text{ lm/m}^2$. Increase the light (lumen) by 50% for medium colours. Dark walls are difficult to illuminate and need up to 250% extra light.



Scan or click here for the online installation manuals.

TECHNICAL SPECIFICATIONS

CHARACTERISTICS	UNIT	PLP050-RGB	PLP050-TW	PLP050-WH	PLP050-WW	PLP050-BL
Diameter	mm	50	50	50	50	50
Light colour		RGB	Tunable white	White	Warm white	Blue
Nominal colour temperature	K	-	3000 - 6500 + blue	5000	3300	-
Max. light output	lm	650	700	750	700	170
Beam angle	0	116	116	116	116	116
Max. power	W	13	14	8	8	8
Nominal input voltage	VAC	12	12	12	12	12
Water temperature	°C	up to 40	up to 40	up to 40	up to 40	up to 40
Dimmable		1	1	-	-	-
Warranty	year	3	3	3	3	3

CHARACTERISTICS	UNIT	PLP100-RGB	PLP100-TW	PLP100-WH	PL100-WW	PLP100-BL
Diameter	mm	100	100	100	100	100
Light colour		RGB	Tunable white	White	Warm white	Blue
Nominal colour temperature	K	-	3000 - 6500 + blue	5000	3300	-
Max. light output	lm	1900	2150	2600	2400	480
Beam angle	0	116	116	116	116	116
Max. power	W	31	27	25	23	25
Nominal input voltage	VAC	12	12	12	12	12
Water temperature	°C	up to 40	up to 40	up to 40	up to 40	up to 40
Dimmable		✓	✓	-	-	-
Warranty	year	3	3	3	3	3

CHARACTERISTICS	UNIT	PLP170-RGB	PLP170-TW	PLP170-WH	PL170-WW	PLP170-BL
Diameter	mm	170	170	170	170	170
Light colour		RGB	Tunable white	White	Warm white	Blue
Nominal colour temperature	K	-	3000 - 6500 + blue	5000	3300	-
Max. light output	lm	3700	4250	5500	4950	1450
Beam angle	0	116	116	116	116	116
Max. power	W	66	70	57	55	46
Nominal input voltage	VAC	12	12	12	12	12
Water temperature	°C	up to 40	up to 40	up to 40	tot 40	tot 40
Dimmable		1	✓	-	-	-
Warranty	year	3	3	3	3	3

WALL CONDUITS	FINISHING RINGS	CONTROL / POWER SUPPLY
VISION Wall Conduits p. 24-26	VISION Face Plates p. 28-30	LINK Driver p. 88
		LINK Controller p. 92
		LINK Master p. 96

VISION Pro

DURAVISION
Pool Light products

DVP050-RGBW

DVP100-RGBW

DVP170-RGBW













CHARACTERISTICS

- 3 diameters 50/100/170mm
- Available in RGBW
- RGBW: 14 fixed colour programs and white tones, control via ON/OFF or PLC communication
- Dimming function via PLC control
- 12 VAC / 2 wire
- Polymer housing
- Included in packaging:

Pro lamp

2-wire cable, 2 meters

QuickConnect™ kit with Magic Nut

Retrofit kit PAR56 niche (170mm only)

- Always to be used in combination with toroidal transformer

ADVANTAGES

- Wide beam angle
- Waterproof thanks to NoAir™ housing
- PAR56-niche retrofit solution (170mm only)
- Compatible with salt electrolysis
- Quick and easy installation thanks to:

 $\mathsf{QuickConnect}^{\mathsf{TM}}$

 $\mathsf{PressFit}^{\mathsf{TM}}$

ClickOn™

- Personalize with VISION Face Plates
- Free colour choice in combination with LINK Touch remote control
- Control from home automation possible via RS485 / DMX512, only in combination with LINK Controller or LINK Master





Scan or click here for the online installation manuals.



TECHNICAL SPECIFICATIONS

CHARACTERISTICS	UNIT	DVP050-RGBW	DVP100-RGBW	DVP170-RGBW
Diameter	mm	50	100	170
Light colour		RGBW	RGBW	RGBW
Nominal colour temperature	K	All colours and tunable white	All colours and tunable white	All colours and tunable white
Max. light output	lm	1200	3500	7000
Beam angle	0	116	116	116
Max. power	W	33	85	180
Nominal input voltage	VAC	12	12	12
Water temperature	°C	up to 40	up to 40	up to 40
Dimmable		✓	✓	✓
Warranty	year	3	3	3

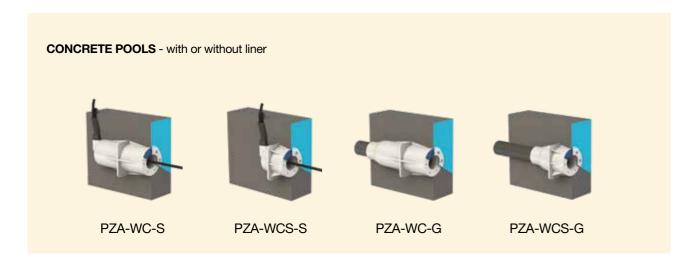
TO COMBINE WITH

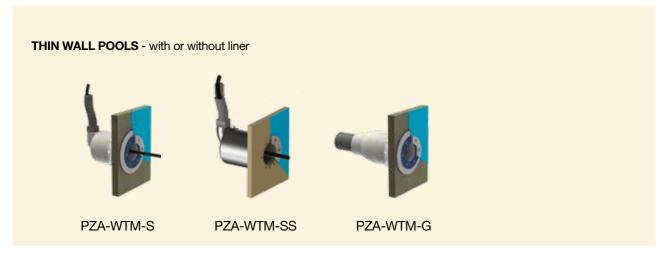
WALL CONDUITS	FINISHING RINGS	CONTROL / POWER SUPPLY
VISION Wall Conduits p. 24-26	VISION Face Plates p. 28-30	LINK Driver p. 88
VISION Wall Conduits Ultra flat* p. 26		LINK Controller p. 92
		LINK Master p. 96

*Only for DVP050-RGBW lamp

VISION Wall Conduits

DURAVISION
Pool Light products





CHARACTERISTICS

- For every type of pool
- Made of high-quality polymer
- A stainless steel 316L version for thin walled swimming pools
- Suitable for DURAVISION Spectra, Adagio Pro and Pro lamps
- Flexible hose version has internal cable gland
- Up to 1,5 meters of cable storage in the Wall Conduit

ADVANTAGES

- Silicone-free installation
- Version with internal cable seal is suitable for infinity pools
- Easy installation using the mounting toolset
- Thanks to cable storage, the lamp can be brought above water
- Any size of DURAVISION lamp fits any Wall Conduit



TECHNICAL SPECIFICATIONS

CHARACTERISTICS	PZA-WC-S	PZA-WCS-S	PZA-WC-G	PZA-WCS-G
Material	Polymer	Polymer	Polymer	Polymer
Flexible hose connection	✓	✓	-	-
Glue connection for PVC tube 50/63mm	-	-	✓	✓
Internal cable gland	✓	✓	-	-
Built-in length (mm)	247	130	269	152

CHARACTERISTICS	PZA-WTM-S	PZA-WTM-SS	PZA-WTM-G
Material	Polymer	Stainless steel	Polymer
Flexible hose connection	✓	✓	-
Glue connection for PVC tube 50/63mm	-	1	1
Internal cable gland	✓	1	-
Built-in length (mm)	149	131	171
Diameter drill hole (mm)	91	60	91

INTALLATION TOOL

MOUNTING TOOLSET 513-0151



LED LIGHTING	
Spectra DVM p. 16	
Spectra DVS p. 18	
Adagio Pro p. 20	
Pro p. 22	

VISION Wall Conduits

DURAVISION
Pool Light products

CONCRETE POOLS - without liner Ultra flat design



PZA-WG-S





PZA-WG-G

THIN WALL POOLS - without liner Ultra flat design





PZA-WG-S

PZA-WG-G

CHARACTERISTICS

- Only suitable for lamp DVP050-RGBW
- For concrete or thin walled pools without liner
- Version with flexible hose has internal cable gland
- Thickness of flange 3,5mm
- Made of high-quality polymer
- Up to 1,5 meters of cable storage in the Wall Conduit
- Stainless steel flange optional

ADVANTAGES

- Ultra flat finish
- Version with internal cable seal is suitable for infinity pools
- Easy installation using the mounting toolset
- Thanks to cable storage, the lamp can be brought above water
- Silicone-free installation
- Handy stainless-steel tool to remove lamp from flange



TECHNICAL SPECIFICATIONS

PZA-WG-S	PZA-WG-G
Polymer	Polymer
✓	-
-	✓
✓	-
191	214
3,5	3,5
	Polymer - - 191

INSTALLATION TOOL

MOUNTING TOOLSET	LAMP REMOVAL TOOL	
513-0151	513-0491	





LED LIGHTING	OPTIONAL FINISHING RING
VISION Pro DVP050-RGBW p. 22	PZA-WG-RSS (stainless steel flange)



VISION Face Plates

DURAVISION
Pool Light products

TYPE RA

PZA100-RA-XX PZA170-RA-XX







TYPE RN - thinner version of RA, suitable for concrete pools without liner

PZA100-RN-XX

PZA170-RN-XX







TYPE RB

PZA100-RB-XX PZA170-RB-XX









PZA100-RD-XX PZA170-RD-XX







TYPE RF

PZA050-RF-XX PZA100-RF-XX PZA170-RF-XX







TYPE RO - thinner version of RF, suitable for concrete pools without liner

PZA050-RO-XX

PZA100-RO-XX

PZA170-RO-XX







TYPE RP - suitable for concrete pools, in combination with WC or WCS Wall Conduit

PZA100-RP-SS









Scan or click here for the online installation manuals.

TECHNICAL SPECIFICATIONS

CHARACTERISTICS	UNIT	PZA100-RA-XX	PZA170-RA-XX
Colour - (XX)		WH DO LG LB SW SL SS	WH DO LG LB SW SL SS
For lamp diameter	mm	100	170
Outer diameter	mm	180	250
Thickness	mm	21	21

CHARACTERISTICS	UNIT	PZA100-RN-XX	PZA170-RN-XX
Colour - (XX)		WH DG LG LB SW SS SS	WH DG LG LB SW BD SS
For lamp diameter	mm	100	170
Outer diameter	mm	160	250
Thickness	mm	13	12

CHARACTERISTICS	UNIT	PZA100-RB-XX	PZA170-RB-XX
Colour - (XX)		WH OO LG LB SW BL	WH DG LG LB SW BL
For lamp diameter	mm	100	170
Outer diameter	mm	175	270
Thickness	mm	21	21

CHARACTERISTICS	UNIT	PZA100-RD-XX	PZA170-RD-XX
Colour - (XX)		WH DG LG LB MB SW SL	(WH) (XX) (LB) (MB) (SW) (SL)
For lamp diameter	mm	100	170
Outer diameter	mm	175	250
Thickness	mm	20	21

CHARACTERISTICS	UNIT	PZA050-RF-XX	PZA100-RF-XX	PZA170-RF-XX
Colour - (XX)		WH DG LG LB BL SS	WH LG DG SS	WH LG DG SS
For lamp diameter	mm	50	100	170
Outer diameter	mm	128	185	280
Thickness	mm	18	20	21

CHARACTERISTICS	UNIT	PZA050-RO-XX	PZA100-RO-XX	PZA170-RO-XX
Colour - (XX)		WH DG LG LB BL SS	ss	ss
For lamp diameter	mm	50	100	170
Outer diameter	mm	100	170	270
Thickness	mm	9	13	16

CHARACTERISTICS	UNIT	PZA100-RP-SS
Colour - (SS)		SS
For lamp diameter	mm	100
Outer diameter	mm	140
Thickness	mm	15







sw Sand white

VISION Face Plates

DURAVISION
Pool Light products

TYPE RR - for direct mounting on concrete wall without liner PZA050-RR-SS







TYPE RS - suitable for concrete pools without liner, in combination with WC or WCS Wall Conduit PZA050-RS-SS







TYPE RP - suitable for concrete pools with or without liner, in combination with WC or WCS Wall Conduit PZA050-RP-SS









TECHNICAL SPECIFICATIONS

CHARACTERISTICS	UNIT	PZA050-RR-SS	PZA050-RS-SS	PZA050-RP-SS
Colour- (XX)		ss	as s	ss
For lamp diameter	mm	50	50	50
Outer diameter	mm	100	90	100
Thickness	mm	3,5	3,5	15



TO COMBINE WITH

LED LIGHTING

VISION Pro DVP050-RGBW p. 22



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VISION Moonlight

DURAVISION
Pool Light products



CHARACTERISTICS

- Diameter 170mm
- Available in white and RGB
- RGB: 16 fixed colour programs, control via ON/OFF
- 12 VAC / 2-wire
- Polymer housing
- 4 metres non-removable 2-wire cable
 (2 metres for PLS170B and PLW170B)
- Retrofit kit PAR56 niche included
- Always to be used in combination with toroidal transformer

ADVANTAGES

- Wide beam angle
- Waterproof thanks to NoAir™ housing
- PAR56 retrofit solution
- Compatible with salt electrolysis
- Easy installation with Moonlight mounting kit



The VISION Moonlight mounting kit PZM170-RM-WH comes with a wall conduit and white finishing ring.

Optionally, a stainless steel finishing ring PZM170-RV-SS is available to click over the white finishing ring.



Scan or click here for the online installation manuals.

TECHNICAL SPECIFICATIONS

CHARACTERISTICS	UNIT	PLS300B	PLS400B	PLS700B
Diameter	mm	170	170	170
Light colour		RGB	RGB	RGB
Nominal colour temperature	K	-	-	-
Max. light output	lm	800	1550	2200
Beam angle	0	120	120	120
Max. power	W	13	23	33
Nominal input voltage	VAC	12	12	12
Water temperature	°C	up to 40	up to 40	up to 40
Warranty	year	2	2	2

CHARACTERISTICS	UNIT	PLW300B	PLW400B	PLW700B
Diameter	mm	170	170	170
Light colour		White	White	White
Nominal colour temperature	K	9000	9000	9000
Max. light output	lm	1350	2400	3500
Beam angle	0	120	120	120
Max. power	W	14	23	35
Nominal input voltage	VAC	12	12	12
Water temperature	°C	up to 40	up to 40	up to 40
Warranty	year	2	2	2

CHARACTERISTICS	UNIT	PLW170B	PLS170B
Diameter	mm	170	170
Light colour		White	RGB
Nominal colour temperature	K	5000	-
Max. light output	lm	1600	1500
Beam angle	0	116	116
Max. power	W	16	19
Nominal input voltage	VAC	12	12
Water temperature	°C	up to 40	up to 40
Warranty	year	2	2

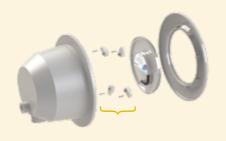
MOUNTING SET	OPTIONAL FINISHING RING	CONTROL / POWER SUPPLY
PZM170-RM-WH	PZM170-RV-SS	LINK Driver p. 88

VISION Specials

DURAVISION
Pool Light products

RETROFIT PAR56-NICHE

- Standard with all DURAVISION lamps diameter 170mm
- Re-use of finishing ring



ADAPTER CLAMPS FOR MTS NICHE

PZS170-MTS

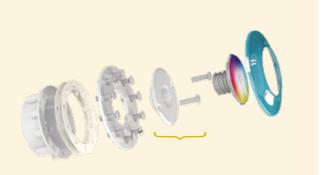
- In combination with:
 - VISION Spectra DVM diameter 170mm VISION Spectra DVS diameter 170mm
 - VISION Adagio Pro diameter 170mm
 - VISION Pro diameter 170mm
 - VISION Moonlight diameter 170mm
- Re-use of finishing ring



ADAPTER PLATE FOR AQUA DELIGHT NICHE PZA-KAD

- In combination with:
 - VISION Spectra DVM diameter 100 en 170mm VISION Spectra DVS diameter 100 en 170mm VISION Adagio Pro diameter 100 en 170mm
- VISION Face Plate as a finishing ring

VISION Pro diameter 100 en 170mm

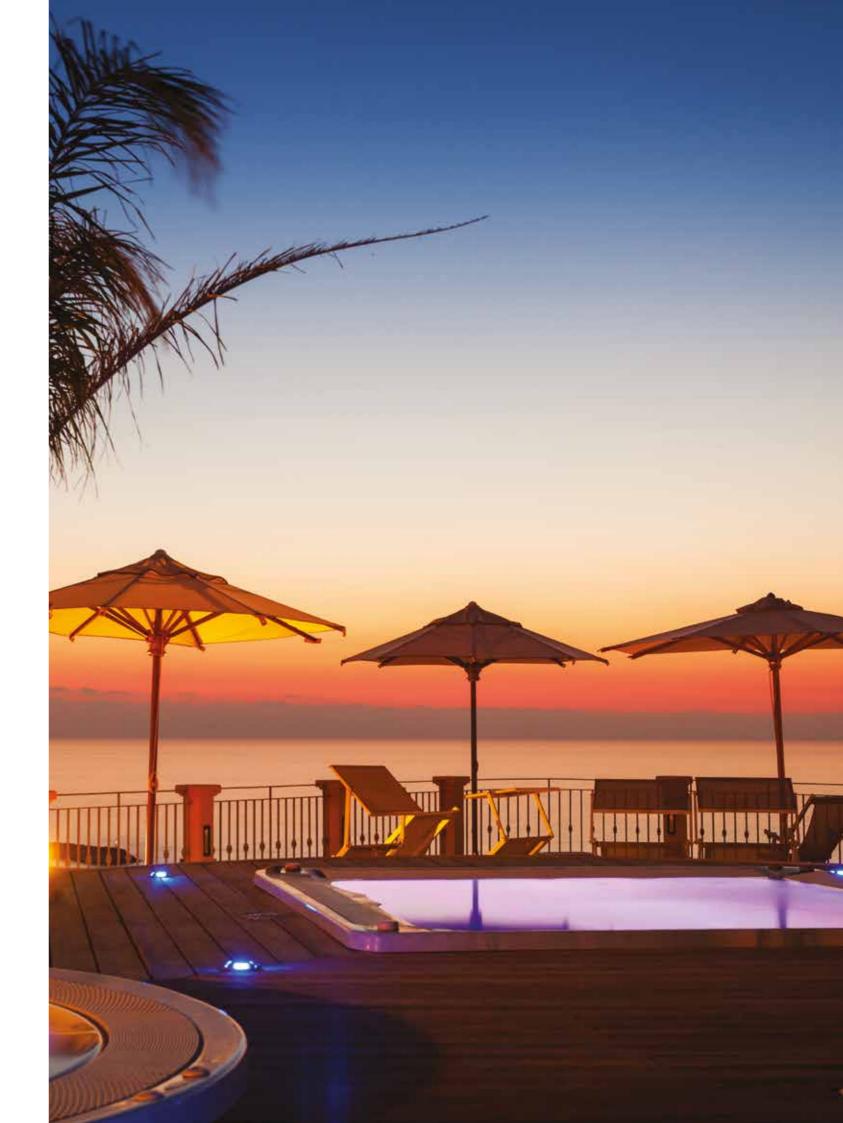


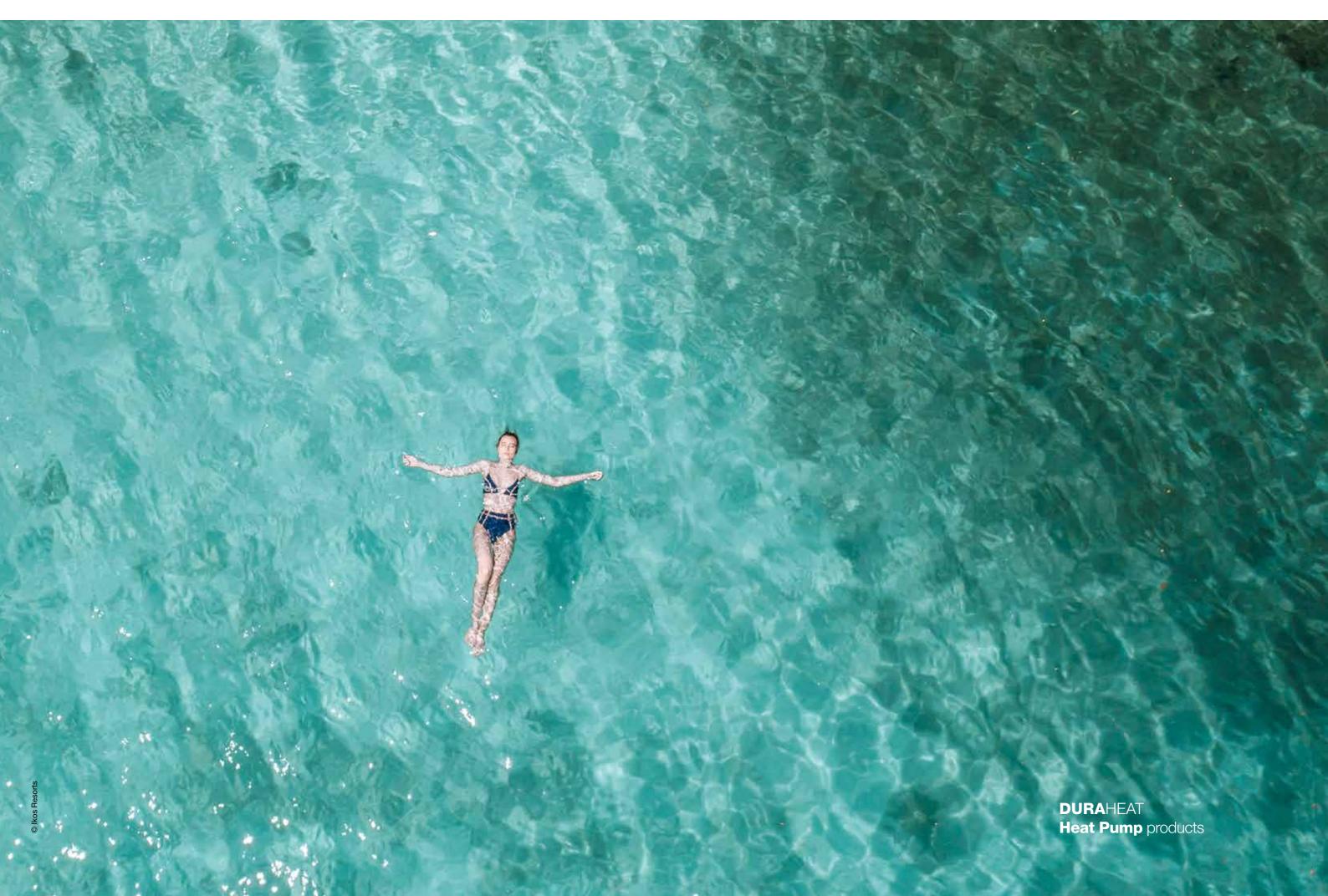
WALL MOUNTING

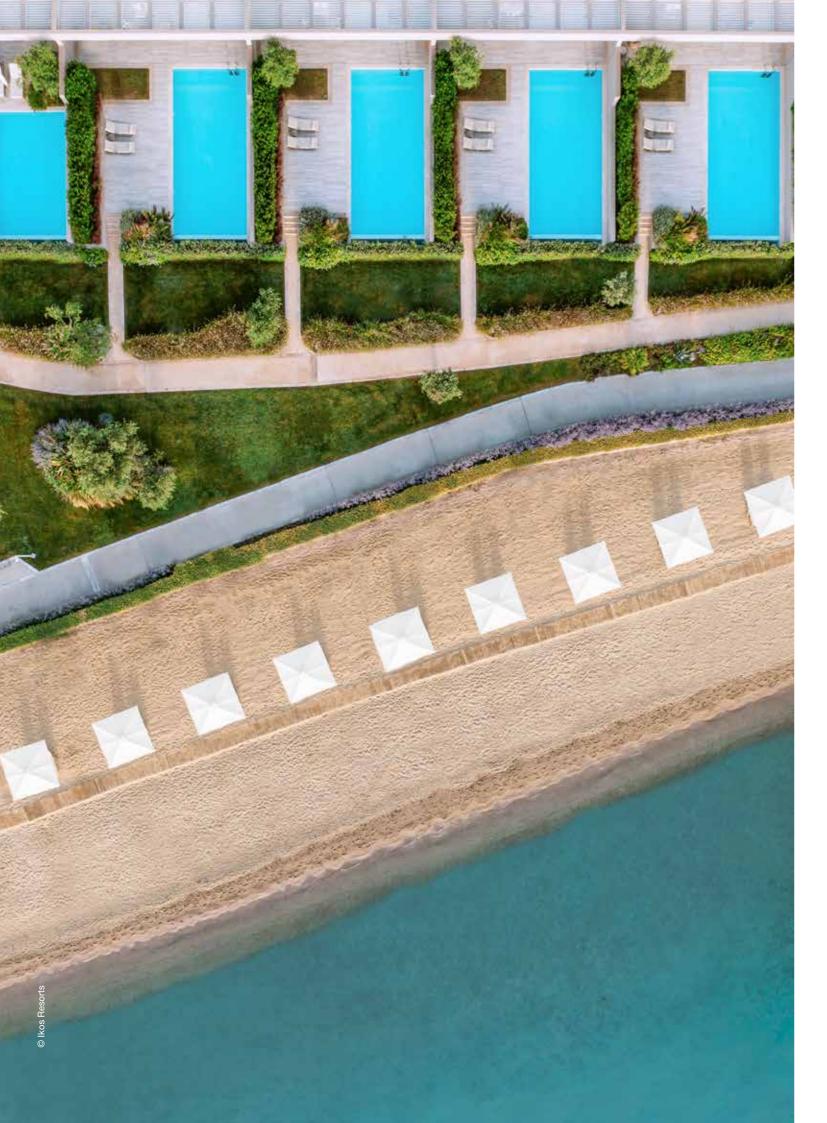
PZA100-RY-WH

- Wall-mount kit and finishing ring included
- In combination with:
 - VISION Spectra DVM diameter 100mm VISION Spectra DVS diameter 100mm VISION Adagio Pro diameter 100mm VISION Pro diameter 100mm









DURAHEAT **Heat pump** products

HEAT Hot Splash	42
HEAT Sun Spring	44
HEAT Dura V	46
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HEAT Dura+i	50
HEAT Dura Pro	52
HEAT Accessories	54

LEGENDE

FullFlow™ Maximum water

Maximum water flow through your heat pump, making the use of bypass unnecessary to regulate the water flow control.

NoFrost™

Prevents frost damage, if forgotten to drain water, from the heat pump during the winter.

HotDefrost™

Revolutionary defrosting technology that does not use the pool water for this purpose, preventing it from cooling.

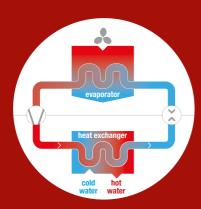
CondensFlux™

Smart design that gathers condensation water in one place and drains it through a pipe.

HEAT PUMP PRODUCTS

DURAHEAT

Extend the swimming season thanks to energy-efficient DURATECH heat pumps.



The choice of your DURAHEAT heat pump is determined by the surface area of the pool and the volume of water to be heated. Factors such as climate, length of swimming season, sunny location, exposure to wind and type of cover also play a major role.

When installing, always allow sufficient space for proper air extraction. Depending on the situation, a horizontal or vertical air blow-out can be chosen.

Golden tip:

Make sure your pool is properly covered when you are not swimming, to avoid heat loss through evaporation of the water.

THE IDEAL HEAT PUMP FOR YOUR POOL

Hot Splash & Sun Spring

Plug & Play heat pumps for above-ground swimming pools, easy and safe to install by the end user himself.



Dura+i

A whisper-silent heat pump with sideways air blow-out.



Dura V & Dura Vi

Vertical air blow-out for installation in limited surface.



Dura Pro

The perfect all-season heat pump, highly efficient operation even at low temperatures.



42 / DURATECH / 43

HEAT Hot Splash





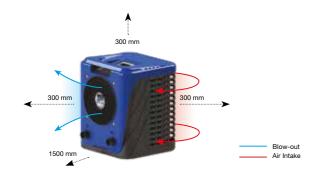
CHARACTERISTICS

- Suitable for pools up to 12m³
- From 10°C ambient temperature
- Horizontal air blow-out
- Titanium heat exchanger
- Polymer housing
- NoFrost™
- User-friendly display
- Integrated electrical RCD plug
- DN32 hose and clamp included
- Works in combination with small circulation pump

ADVANTAGES

- Energy-efficient
- Compact and lightweight
- Extends the swimming season
- Exterios tric swirining season
- Easy and safe installation by end-user
- Maintenance-friendly
- Designed to suit above-ground pool environment
- Corrosion-free and UV-resistant

REQUIRED INSTALLATION SPACE





CHARACTERISTICS	UNIT	HS40	
Pool volume up to*	m^3	12	
Min. operating air temperature	°C	10	
PERFORMANCE CONDITION	1: AIR 27° / WATER 26°C / RH 80%		
Heating capacity	kW	3,75	
Power input	kW	0,56	
COP		5,73	
PERFORMANCE CONDITION	2: AIR 10° / WATER 26°C / RH 80%		
Heating capacity	kW	1,85	
COP		3,74	
Nominal current	А	2,76	
Max. current	А	3,75	
Power supply		230 V / 50 Hz / 1 Phase	
Compressor type		Rotary	
Refrigerant		R32	
Air flow	m³/h	700	
Fan direction		Horizontal	
Noise at 10m	dB(A)	55	
Water connection	mm	32	
Nominal water flow	m³/h	2,5	
Unit net dimensions (L*W*H)	mm	290*310*370	
Shipping dimensions (L*W*H)	mm	310*360*385	
Net weight	kg	15	
Shipping weight	kg	16	

^{*} Pool volume based on an entirely insulated pool with cover, free from wind and exposed to the sun.

HEAT Sun Spring





CHARACTERISTICS

- 3 versions available, for pools up to $38m^3$
- From 4°C ambient temperature
- Vertical air blow-out
- Titanium heat exchanger
- Polymer housing
- NoFrost™
- CondensFlux $^{\!\mathsf{TM}}$
- User-friendly display
- Integrated electrical RCD plug
- Multifunctional connection set:
 Hose tail DN32 / DN38
 Bonding tube 48mm / 50mm
 6/4" BSP female thread

ADVANTAGES

- Energy-efficient
- Extends the swimming season
- Easy and safe installation by end-user
- Limited installation space
- Maintenance-friendly
- Contemporary design
- Corrosion-free and UV-resistant

REQUIRED INSTALLATION SPACE





CHARACTERISTICS	UNIT	SUN05	SUN08	SUN12
Pool volume up to*	m^3	12	25	38
Operating air temperature	°C	4 / 40	4 / 40	4 / 40
PERFORMANCE CONDITION 1	: AIR 27°C / WA	TER 26°C / RH 80%		
Heating capacity	kW	5,02	7,44	12,2
Power input	kW	0,686	1,01	2,068
COP		7,31	7,31	5,9
PERFORMANCE CONDITION 2	:: AIR 10°C / WA	TER 26°C / RH 80%		
Heating capacity	kW	3,64	5,3	9
COP		5,69	5,48	4,9
Nominal current	А	3,1	5,1	9
Max. current	А	5	7	12
Power supply		230 V / 50 Hz / 1 Phase	230 V / 50 Hz / 1 Phase	230 V / 50 Hz / 1 Phase
Compressor type		Rotary	Rotary	Rotary
Condenser		Titanium heat exchanger	Titanium heat exchanger	Titanium heat exchanger
Refrigerant		R32	R32	R32
Fan rotary speed	RPM	950	1200	1350
Fan direction		Vertical	Vertical	Vertical
Noise at 10m	dB(A)	44,2	43,8	44,7
Water connection	mm	32 / 38	32 / 38	32 / 38
Nominal water flow	m³/h	3 - 12	4 - 12	5 - 12
Unit net dimensions (L*W*H)	mm	456*467*530	456*467*530	456*467*750
Shipping dimensions (L*W*H)	mm	470*490*550	470*490*550	470*490*770
Net weight	kg	24,7	32	45,7
Shipping weight	kg	25,7	33	46,7

^{*} Pool volume based on an entirely insulated pool with cover, free from wind and exposed to the sun.

HEAT Dura V





CHARACTERISTICS

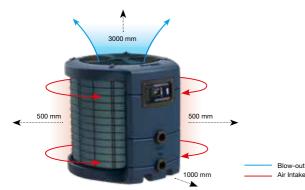
- Available in 3 versions
- ON/OFF technology
- Operates down to -10°C ambient temperature
- Vertical air blow-out
- Titanium heat exchanger
- Polymer housing
- NoFrost™
- HotDeFrost™
- FullFlow™
- CondensFlux $^{\text{TM}}$
- Including 63 mm connection set and winter cover

ADVANTAGES

- Energy-efficient, COP up to 9,38
- Silent mode available
- Limited installation space
- Corrosion-free and UV resistant
- User-friendly LCD display
- Compatible with LINK Touch remote control

- Maintenance-friendly

REQUIRED INSTALLATION SPACE





CHARACTERISTICS	UNIT	DURA-V10	DURA-V15	DURA-V20
Pool volume up to*	m³	40	60	80
Operating air temperature	°C	-10 / 40	-10 / 40	-10 / 40
PERFORMANCE CONDITION 1	: AIR 27°C / \	WATER 26°C / RH 80%		
Heating capacity	kW	10,93	16,26	19,74
Power input	kW	1,17	2,17	2,325
COP		9,38	7,48	8,49
PERFORMANCE CONDITION 2	2: AIR 15°C / \	NATER 26°C / RH 70%		
Heating capacity	kW	8,12	12,79	14,8
Power input	kW	1,3	2,52	2,52
COP		6,26	5,07	5,87
Nominal current	А	6	11	12
Max. current	А	12	18	22
Power supply		230 V / 50 Hz / 1 Phase	230 V / 50 Hz / 1 Phase	230 V / 50 Hz / 1 Phase
Electronic controller		Colour LCD, DuraLink™ ready	Colour LCD, DuraLink™ ready	Colour LCD, DuraLink™ ready
Condenser		Titanium Heat Exchanger / NoFrost™	Titanium Heat Exchanger / NoFrost™	Titanium Heat Exchanger / NoFrost™
Compressor type		Rotary	Rotary	Rotary
Refrigerant		R32	R32	R32
Fan power input	W	60	60	70
Fan rotary speed	RPM	700 - 800	700 - 800	670 - 860
Fan direction		Vertical	Vertical	Vertical
Noise at 10m	dB(A)	23 - 43	24 - 43	24 - 43
Water connection	mm	63	63	63
Nominal water flow	m³/h	3 - 20	5 - 20	7 - 20
Max. water pressure drop	kPa	FullFlow™	FullFlow™	FullFlow™
Unit net dimensions (L*W*H)	mm	723*776*760	723*776*760	723*776*760
Shipping dimensions (L*W*H)	mm	750*820*890	750*820*890	750*820*890
Net weight	kg	57	62	65
Shipping weight	kg	68	73	76

^{*} Pool volume based on an entirely insulated pool with cover, free from wind and exposed to the sun.

HEAT Dura Vi





CHARACTERISTICS

- Available in 3 versions
- Full inverter technology
- Operates down to -10°C ambient temperature
- Vertical air blow-out
- Titanium heat exchanger
- Polymer housing
- NoFrost™
- HotDeFrost™
- FullFlow™
- CondensFlux $^{\text{TM}}$
- Including 63 mm connection set and winter cover

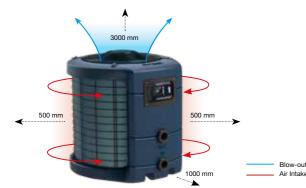
ADVANTAGES

- Energy-efficient, COP up to 14,5
- Silent mode available
- Limited installation space
- Corrosion-free and UV resistant
- User-friendly LCD display

- Maintenance-friendly

- Compatible with LINK Touch remote control

REQUIRED INSTALLATION SPACE





Scan or click here for the online

installation manuals.

CHARACTERISTICS	UNIT	DURA-V11i	DURA-V15i	DURA-V20i
Pool volume up to*	m^3	30 - 60	40 - 75	50 - 95
Operating air temperature	°C	-10 / 40	-10 / 40	-10 / 40
PERFORMANCE CONDITION 1	: AIR 27°C / \	VATER 26°C / RH 80%		
Heating capacity	kW	2,7 - 10,76	3,5 - 14,9	4,4 - 20,6
Power input	kW	0,2 - 1,55	0,2 - 1,8	0,42 - 3,2
COP		14,5 - 6,9	13,7 - 8,3	13,8 - 6,4
PERFORMANCE CONDITION 2	2: AIR 15°C / V	VATER 26°C / RH 70%		
Heating capacity	kW	1,8 - 9,3	2,5 - 12,5	3,9 - 16,9
Power input	kW	0,252 - 1,5	0,38 - 2,4	0,7 - 3,8
COP		9,1 - 6,2	7,6 - 5,2	7,4 - 4,5
Nominal current	А	1,2 - 7,0	2 - 8,2	1,8 - 14,6
Max. current	А	13,5	11,5	16,5
Power supply		230 V / 50 Hz / 1 Phase	230 V / 50 Hz / 1 Phase	230 V / 50 Hz / 1 Phase
Electronic controller		Colour LCD, DuraLink™ ready	Colour LCD, DuraLink™ ready	Colour LCD, DuraLink™ ready
Condenser		Titanium Heat Exchanger / NoFrost™	Titanium Heat Exchanger / NoFrost™	Titanium Heat Exchanger / NoFros
Compressor type		Rotary	Rotary	Rotary
Refrigerant		R32	R32	R32
Fan power input	W	60	60	70
Fan rotary speed	RPM	700 - 800	700 - 800	670 - 860
Fan direction		Vertical	Vertical	Vertical
Noise at 10m	dB(A)	25 - 49	27 - 47	23 - 46
Water connection	mm	63	63	63
Nominal water flow	m³/h	3 - 20	4 - 20	5 - 20
Max. water pressure drop	kPa	FullFlow™	FullFlow™	FullFlow™
Unit net dimensions (L*W*H)	mm	723*776*808	723*776*808	723*776*808
Shipping dimensions (L*W*H)	mm	750*820*890	750*820*890	750*820*890
Net weight	kg	47	48	50
Shipping weight	kg	58	59	61

^{*} Pool volume based on an entirely insulated pool with cover, free from wind and exposed to the sun.

HEAT **Dura+i**





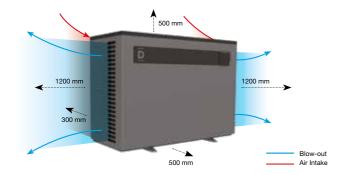
CHARACTERISTICS

- Available in 6 versions
- Full inverter technology
- Heating and cooling
- Operates down to -10°C ambient temperature
- Whisper-silent operation
- Sideways air blow-out
- Titanium heat exchanger
- 50mm connection
- Including winter cover

ADVANTAGES

- Energy-efficient, COP up to 16,5
- Silent mode available, with timer function
- Space-saving installation
- Maintenance-friendly
- Modern design
- User-friendly touchscreen display
- Compatible with LINK Touch remote control

REQUIRED INSTALLATION SPACE





CHARACTERISTICS	UNIT	DURA+10i	DURA+13i	DURA+18i	DURA+20i	DURA+25i	DURA+28Ti
Pool volume up to*	m³	30 - 55	40 - 70	50 - 85	60 - 100	70 - 120	90 - 160
Operating air temperature	°C	-10 / 43	-10 / 43	-10 / 43	-10 / 43	-10 / 43	-10 / 43
Available operation mode				Heating & Cooling]		
PERFORMANCE CONDITION	1: AIR 27°C / \	WATER 26°C / RH 80)%				
Heating capacity	kW	1,9 - 9,5	2,4 - 13	2,5 - 17,8	3,5 - 20	6,0 - 24	7,8 - 27,8
Power input	kW	0,118 - 1,39	0,145 - 1,96	0,151 - 2,78	0,214 - 3,07	0,375 - 3,99	0,488 - 4,71
COP		16,1 - 6,8	16,5 - 6,6	16,5 - 6,4	16,3 - 6,5	16,0 - 6,0	16,0 - 5,9
PERFORMANCE CONDITION 2	2: AIR 15°C / \	WATER 26°C / RH 70)%				
Heating capacity	kW	1,4 - 7,0	1,6 - 9,1	2,3 - 12,8	2,5 - 14,7	4,3 - 18,2	5,0 - 21,2
Power input	kW	0,205 - 1,48	0,238 - 1,89	0,353 - 2,66	0,357 - 3,19	0,661 - 4,04	0,769 - 4,81
COP		6,8 - 4,7	6,7 - 4,8	6,5 - 4,8	7 - 4,6	6,5 - 4,5	6,5 - 4,4
PERFORMANCE CONDITION :	3: AIR 10°C / \	WATER 26°C / RH 64	! %				
Heating capacity	kW	1,2 - 5,5	1,6 - 7,2	2,0 - 9,8	2,6 - 11,3	3,1 - 13,7	3,7 - 15,9
Power input	kW	0,27 - 1,72	0,33 - 2,18	0,40 - 2,80	0,58 - 3,32	0,69 - 3,91	0,82 - 4,68
COP		4,5 - 3,2	4,8 - 3,3	4,9 - 3,5	4,5 - 3,4	4,5 - 3,5	4,5 - 3,4
Nominal current	А	6,86	7,52	12,94	13,2	13,34	8,26
Max. current	А	9,46	9,98	13,13	13,5	15,3	10,84
Power supply		230 V / 50 Hz / 1 Phase	230 V / 50 Hz / 1 Phase	230 V / 50 Hz / 1 Phase	230 V / 50 Hz / 1 Phase	230 V / 50 Hz / 1 Phase	380 V / 3N / 3 Phase
Casing type		Aluminium-alloy simulation					
Electronic controller		Colour LCD, Duralink™ ready					
Condenser		Titanium Heat Exchanger					
Compressor type			Mitsubishi DC Inverter				
Refrigerant		R32	R32	R32	R32	R32	R32
Fan motor type		DC Brushless	DC Brushless	DC Brushless	DC Brushless	DC Brushless	DC Brushless
Fan rotary speed	RPM	500 - 800	500 - 800	500 - 750	500 - 750	500 - 600	400 - 750
Air flow	m³/h	2000 - 2300	2000 - 2300	2700 - 3200	4300 - 5000	4000 - 4800	4200 - 5000
Fan direction		Horizontal both sides					
Noise at 10m	dB(A)	16,5 - 27	19 - 28,5	20 - 30	21 - 31	23 - 33	25 - 34
Water connection	mm	50	50	50	50	50	50
Nominal water flow	m³/h	3,2	4,2	5,3	6,6	7,8	9,1
Max. water pressure drop	kPa	5	6	3	4	7	8
Unit net dimensions (L*W*H)	mm	1000*430*622	1000*430*622	1020*480*768	1151*500*860	1151*500*860	1151*500*860
Shipping dimensions (L*W*H)	mm	1080*455*645	1080*455*645	1130*505*780	1235*520*880	1235*520*880	1235*520*880
Net weight	kg	61	61	65	79	112	118
Shipping weight	kg	74	74	79	98	131	137

^{*} Pool volume based on an entirely insulated pool with cover, free from wind and exposed to the sun.

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HEAT Dura Pro

DURAHEAT Heat pump products

DURAPRO-12 DURAPRO-17 DURAPRO-21 DURAPRO-25S DURAPRO-28TS



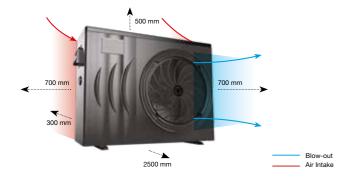
CHARACTERISTICS

- Available in 5 versions
- Full inverter technology
- Heating and cooling
- Operates down to -15°C ambient temperature
- Bottom tray heater, prevents ice buildup
- Forward air blow-out
- Titanium heat exchanger
- Connection 50mm
- Including winter cover

ADVANTAGES

- Energy-efficient, COP up to 13,57
- Ideal for 4-season use
- Silent mode available, with timer function
- Maintenance-friendly
- Multifunctional touchscreen display
- Compatible with LINK Touch remote control

REQUIRED INSTALLATION SPACE





Scan or click here for the online installation manuals.

CHARACTERISTICS	UNIT	DURAPRO-12	DURAPRO-17	DURAPRO-21	DURAPRO-25S	DURAPRO-28TS	
Pool volume up to*	m^3	30 - 60	40 - 75	50 - 95	65 - 120	90 - 169	
Operating air temperature	°C	-15 / 43	-15 / 43	-15 / 43	-15 / 43	-15 / 43	
Available operation mode	Heating & Cooling						
PERFORMANCE CONDITION 1	: AIR 27°C /	WATER 26°C / RH 80%					
Heating capacity	kW	2,85 - 12	3,77 - 17	4,6 - 19,5	4,7 - 24,0	7,7 - 28,0	
Power input	kW	0,21 - 2,12	0,3 - 3,02	0,37 - 3,94	0,36 - 4,0	0,59 - 4,7	
COP		13,57 - 5,66	12,57 - 5,63	12,43 - 4,95	13,0 - 6,0	13,0 - 6,0	
PERFORMANCE CONDITION 2	2: AIR 15°C / \	WATER 26°C / RH 70%					
Heating capacity	kW	2,25 - 9,7	2,92 - 12,4	3,84 - 15,4	4,4 - 18,5	6,4 - 21,8	
Power input	kW	0,32 - 2,08	0,44 - 2,86	0,6 - 3,81	0,61 - 4,02	0,88 - 4,74	
COP		7,03 - 4,66	6,64 - 4,34	6,4 - 4,04	7,20 - 4,60	7,30 - 4,60	
PERFORMANCE CONDITION 3	8: AIR 10°C / \	WATER 26°C / RH 64%					
Heating capacity	kW	1,88 - 8	2,5 - 10,7	3,38 - 14,4	5,0 - 15,6	5,7 - 17,8	
Power input	kW	0,33 - 1,95	0,45 - 2,64	0,62 - 3,62	0,82 - 3,91	0,90 - 4,13	
COP		5,7 - 4,1	5,56 - 4,05	5,45 - 3,98	6,1 - 4,0	6,3 - 4,3	
Nominal current	А	8,92	12,73	13,44	16,66	7,59	
Max. current	А	11	14	14,2	22,73	12,99	
Power supply		230 V / 50 Hz / 1 Phase	230 V / 50 Hz / 1 Phase	230 V / 50 Hz / 1 Phase	230 V / 50 Hz / 1 Phase	380 V / 3N / 3 Phase	
Electronic controller			Co	olour LCD, DuraLink™ rea	ady		
Compressor type				Rotary			
Refrigerant		R32	R32	R32	R32	R32	
Fan rotary speed	RPM	600 - 800	400 - 800	450 - 750	500 - 800	500 - 700	
Fan direction		Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	
Noise at 10m	dB(A)	25 - 32	27 - 34	28 - 35	26 - 37	28 - 38	
Water connection	mm	50	50	50	50	50	
Nominal water flow	m³/h	4,2	5,3	6,6	10	12	
Max. water pressure drop	kPa	4,5	5	6	14	17	
Unit net dimensions (L*W*H)	mm	1003*396*767	1046*435*768	1161*470*863	1160*490*862	1160*490*862	
Shipping dimensions (L*W*H)	mm	1030*435*615	1120*460*780	1200*510*880	1200*510*880	1200*510*880	
Net weight	kg	59	77	82	92	96	
Shipping weight	kg	69	89	95	105	109	

^{*} Pool volume based on an entirely insulated pool with cover, free from wind and exposed to the sun.

HEAT Accessories

DURAHEAT Heat pump products

WIFI MODULE

WIFI DURAPRO

Wifi module for DURA+i and DURAPRO heat pumps.

App available for both Android and iOS devices.

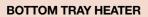


DURALINK™ RF MODULE

DLD-20

DuraLink™ retrofit connection module for DURA+i and DURAPRO heat pumps.

This allows the heat pump to be controlled wirelessly by the LINK Touch remote control.

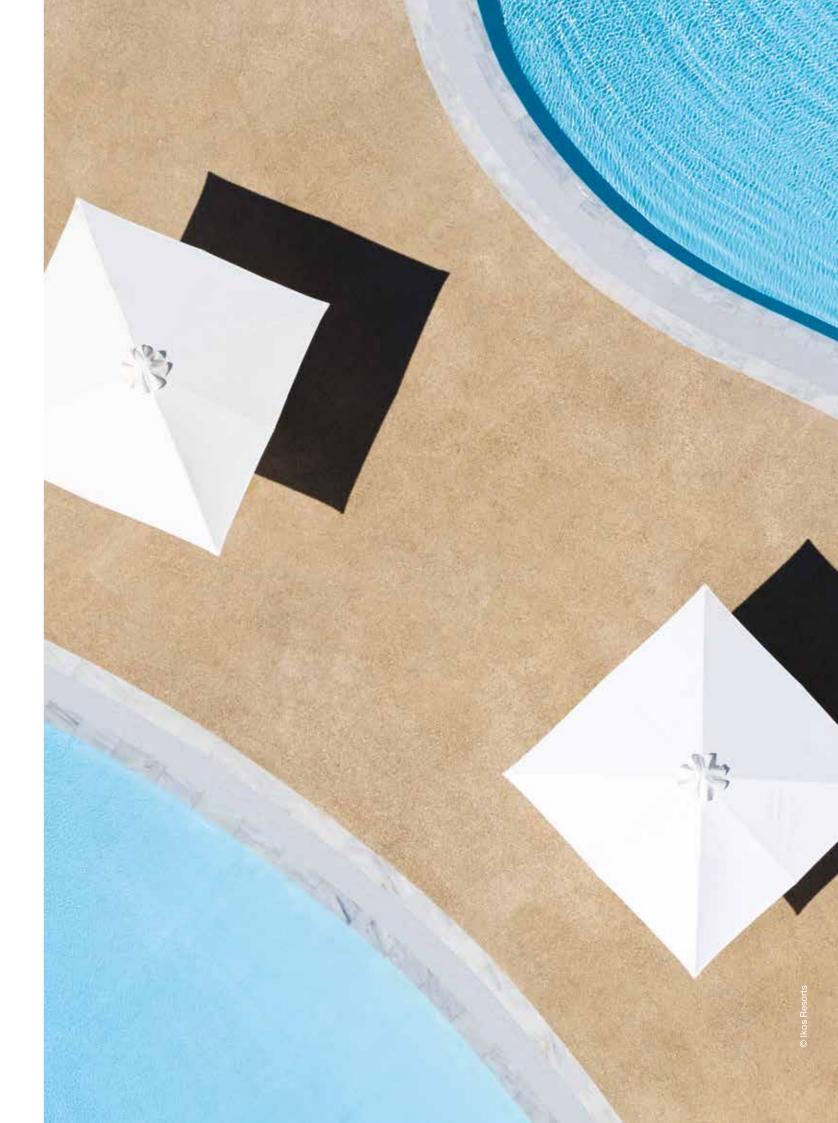


ACCS-DURA-023

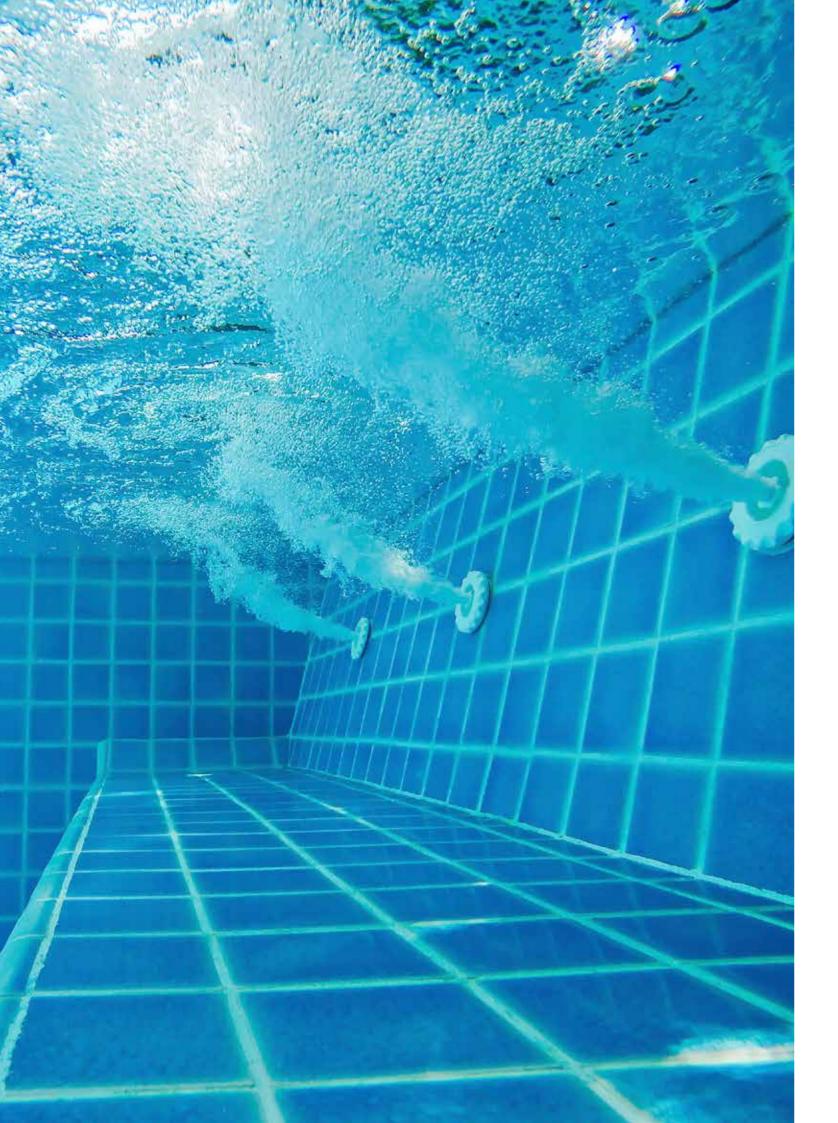
A heated base plate prevents ice build-up when operating during colder periods. For existing DURAPRO heat pumps.











DURAFLOW **Pool flow** products

FLOW Inverter	62
FLOW Cartridge Filter	64

POOL FLOW PRODUCTS

DURAFLOW



The DURAFLOW pump ensures water circulation in the pool and through the technical installation. Based on the flow rate, other devices such as filter, water treatment and heat pump can operate.

By controlling the DURAFLOW pump with the LINK Master, all devices will interact intelligently. Depending on the needs, the DURAFLOW pump will operate at different speeds.

This combination guarantees a smooth and energy-efficient operation of your pool system.

FOR EFFICIENT WATER CIRCULATION



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Flow **Inverter**

DURAFLOW
Pool Flow products

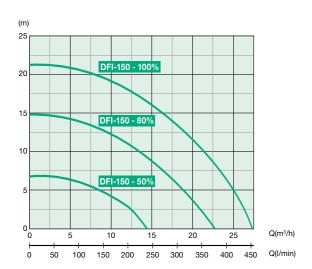


CHARACTERISTICS

- Variable-speed pump
- Control via LINK Master
- PLC communication, control via power cable
- Self-priming
- Suitable for salt electrolysis up to 4%-4gr/l
- Water connection for pipe 50 and 63mm

ADVANTAGES

- Energy-efficient
- Ease of use & installation
- DURA Cloud app
- Large pre-filter
- Low-noise







CHARACTERISTICS	UNIT	DFI-150	
Max. ambient temperature	°C	40	
Max. water temperature	°C	40	
Max. working pressure	Bar	3	
Motor type		IPM Brushless	
Power supply	VAC	230	
Power motor	HP	1,5	
Input power	kW	1,7	
Output power	kW	1,1	
Speed	RPM	750 - 3450	
Flow rate at 10m	m³/h	22	
Max. suction height	m	3	
IP class		IP55	
Net weight	kg	15,72	
Warranty	year	2	

Flow **Cartridge Filter**

DURAFLOW
Pool Flow products





- Housing material, fibreglass-reinforced polymer
- Large filtering area
- Ultra-fine filtration 20-25µm
- Anti-bacterial filter
- Connections 63mm

ADVANTAGES

- Ecological, economical in water consumption
- Maintenance-friendly and easy to clean
- Compact, limited installation space



TECHNICAL SPECIFICATIONS

Filtration surface m² 39,5 48,8 Number of cartridges 4 4 Max. working pressure Bar 3,4 3,4 Water flow m³/h 24 32 Unit dimensions (H*W) mm 1052*597 1236*597	CHARACTERISTICS	UNIT	DFC-039	DFC-049
Max. working pressure Bar 3,4 3,4 Water flow m³/h 24 32 Unit dimensions (H*W) mm 1052*597 1236*597	Filtration surface	m^2	39,5	48,8
Water flow m³/h 24 32 Unit dimensions (H*W) mm 1052*597 1236*597	Number of cartridges		4	4
Unit dimensions (H*W) mm 1052*597 1236*597	Max. working pressure	Bar	3,4	3,4
	Water flow	m³/h	24	32
	Unit dimensions (H*W)	mm	1052*597	1236*597
Net weight kg 13 15	Net weight	kg	13	15
Shipping dimensions (L*W*H) mm 590*590*970 590*590*1150	Shipping dimensions (L*W*H)	mm	590*590*970	590*590*1150
Warranty year 2 2	Warranty	year	2	2



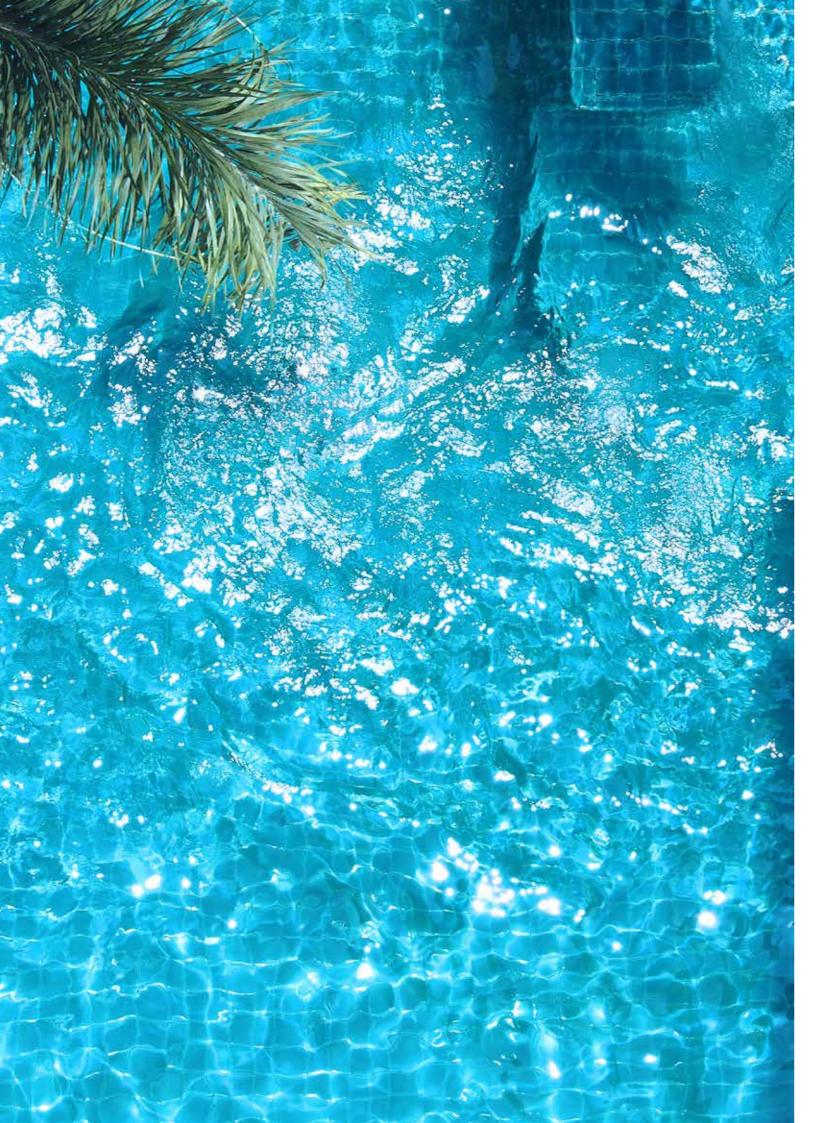
REPLACEMENT PARTS

CARTRIDGE

SP-DFI-001, Cartridge for DFC-039

SP-DFI-002, Cartridge for DFC-049





DURACOVER **Cover System** products

COVER Tube	(2
COVER Motor	74
COVER Wall Duct	76
COVER Cable Duct	78
COVER Hanging System	80

COVER SYSTEM PRODUCTS

DURACOVER

DURACOVER, a unique pool cover system.



The DURACOVER cover system was developed to provide a solution to various challenges. A custom-made product available from stock and easy to transport.

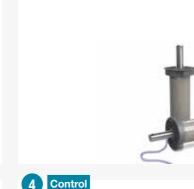
Thanks to the telescopic tube, it can be adjusted on site to the size of the pool, during pool construction. Thanks to its light weight and unique ball joint, installation can be carried out by 1 person, saving valuable installation time.

The wall-mounting systems offers a solution for any type of pool, both new construction and renovation.

Control by the LINK Cover or LINK Master,
part of the DuraLink™ connected product range. A easy and efficient
operation of all functions offered by DURACOVER.

THE PERFECT POOL COVER IN 4 STEPS





2 Motor

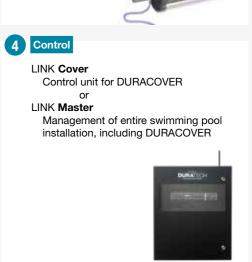
COVER Motor

in COVER Tube

Tubular motor, for installation







COVER Tube

DURACOVER
Cover System products



CHARACTERISTICS

- Telescopic tube set
- Available in 2 versions
 - \cdot For pool width between 3,3 4,5m
 - · For pool width between 4,3 5,5m
- Made of glass fibre reinforced vinyl ester
- Compact and lightweight
- Robust design

ADVANTAGES

- Easy to transport, maximum length 2,155m
- Available from stock
- Compatible with salt electrolysis
- Smooth and easy installation
 - · ONE man installation
 - · During pool construction





TECHNICAL SPECIFICATIONS

CHARACTERISTICS	UNIT	DCTS-450	DCTS-550
Range length	mm	3300 - 4500	4300 - 5500
Outside diameter	mm	159	159
Outer tube quantity	рс	2	2
Outer tube length	mm	1500	2000
Inner tube quantity	рс	1	1
nner tube length	mm	2000	2000
Shipping dimensions (L*W*H)	mm	2055*335*185	2155*335*185
Shipping weight	kg	30	36
Warranty	year	3	3

MOTOR	MOUNTING SYSTEM	CONTROL UNIT
COVER Motor p. 74	COVER Wall Duct p. 76	LINK Cover p. 94
	COVER Cable Duct p. 78	LINK Master p. 96
	COVER Hanging System p. 80	

COVER Motor

DURACOVER Cover System products



CHARACTERISTICS

- Tubular motor
- Voltage 24V DC
- Control via LINK Cover or LINK Master

ADVANTAGES

- Robust and durable
- Powerful and quiet motor
- Easy installation in COVER Tube
- Compatible with salt electrolysis



TECHNICAL SPECIFICATIONS

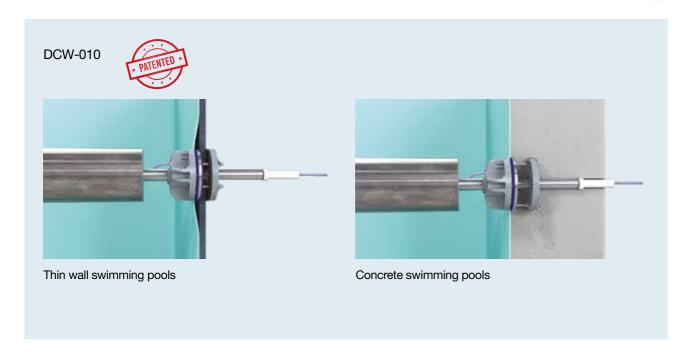
CHARACTERISTICS	UNIT	DCM-250	
Motor type		24V DC	
Torque	Nm	250	
Speed	Rpm	5	
Length cable	m	4	
IP class		IP68	
Shipping dimensions (L*W*H)	mm	540*200*200	
Shipping weight	kg	11,7	
Warranty	year	3	



TELESCOPIC TUBE	MOUNTING SYSTEM	CONTROL UNIT
COVER Tube p. 72	COVER Wall Duct p. 76	LINK Cover p. 94
	COVER Cable Duct p. 78	LINK Master p. 96
	COVER Hanging System p. 80	

COVER Wall Duct

DURACOVER
Cover System products

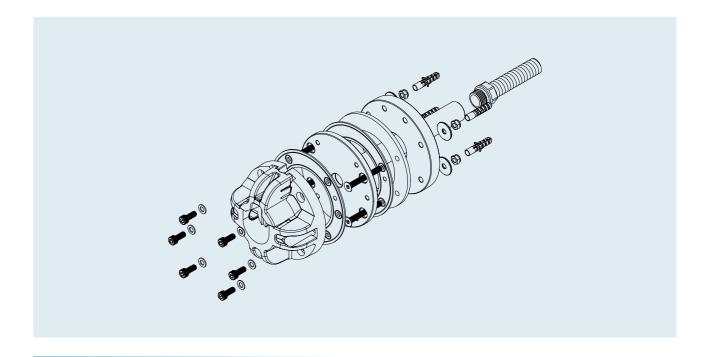


CHARACTERISTICS

- 1 solution for different types of pools
 - · Thin wall with/without liner
 - · Concrete or stonework with/without liner
- For both new construction and renovation
- Advanced ball joint system
- Materials from high-quality polymer or stainless steel 316
- Installation material included

ADVANTAGES

- Waterproof installation, including cable gland
- Robust and durable
- Unique advantages thanks to ball joint system
 - \cdot Installation possible by 1 person
 - · Extendable, easy access to motor
 - · Accommodates tolerances
- 1 solution for different types of pools, easy stock management
- Compatible with salt electrolysis



TECHNICAL SPECIFICATIONS

CHARACTERISTICS	UNIT	DCW-010	
Content of package			
Wall pieces		✓	
Flanges and gaskets		✓	
Bolts and plugs		✓	
Ball joint system		✓	
Key switch, flush- and surface-mounted version		✓	
5 straps and plugs		✓	
Flexible hose, cable gland and pulling wire	9	✓	
Connecting box with sealing fluid		✓	
Shipping dimensions (L*W*H)	mm	780*380*400	
Shipping weight	kg	14,5	
Warranty	year	2	



installation manuals.

TELESCOPIC TUBE	MOTOR	CONTROL UNIT
COVER Tube p. 72	COVER Motor p. 74	LINK Cover p. 94
		LINK Master p. 96

COVER Cable Duct

DURACOVER Cover System products

DCC-010



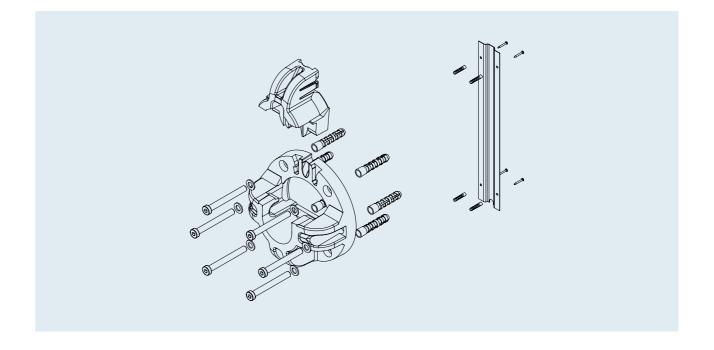


CHARACTERISTICS

- Retrofit solution for concrete pools without liner
- Stainless steel 316L cable guide
- Advanced ball joint system
- Materials made of high-quality polymer or stainless steel 316
- Installation material included

ADVANTAGES

- Easy retrofit installation
- Robust and durable
- Unique advantages thanks to ball joint system
 - \cdot Installation possible by 1 person
 - · Extendable, easy access to motor
 - · Accommodates tolerances
- Compatible with salt electrolysis



TECHNICAL SPECIFICATIONS

CHARACTERISTICS	UNIT	DCC-010	
Content of package			
Wall pieces		✓	
Cable guide		✓	
Bolts and plugs		✓	
Ball joint system		✓	
Key switch, flush- and surface-mounted version		✓	
5 straps and plugs		✓	
Connecting box with sealing fluid		√	
Cable guide material		RVS 316L	
Cable guide dimensions (W*H*T)	mm	80*520*10	
Shipping dimensions (L*W*H)	mm	780*380*200	
Shipping weight	kg	8,8	
Warranty	year	2	



installation manuals.

TELESCOPIC TUBE	MOTOR	CONTROL UNIT
COVER Tube p. 72	COVER Motor p. 74	LINK Cover p. 94
		LINK Master p. 96

COVER Hanging System

DURACOVER
Cover System products





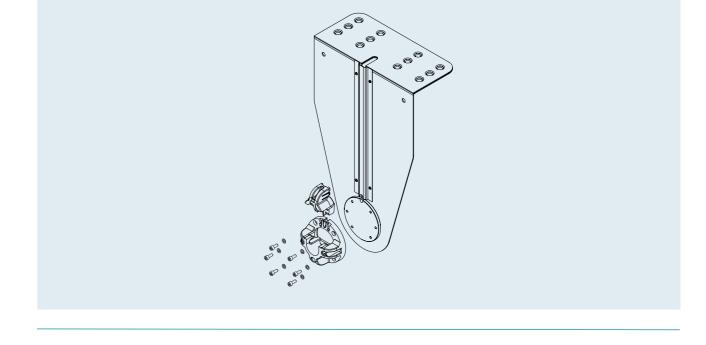


CHARACTERISTICS

- Hanging system, for all types of pools
- For both new construction and renovation
- Advanced ball joint system
- Integrated cable guide
- Materials made of high-quality polymer or stainless steel 316
- Installation material included

ADVANTAGES

- Installation without drilling holes in pool wall
- Placement under coping stone for beautiful finish
- Robust and durable
- Unique advantages thanks to ball joint system
 - · Installation possible by 1 person
 - \cdot Extendable, easy access to motor
 - · Accommodates tolerances
- Compatible with salt electrolysis

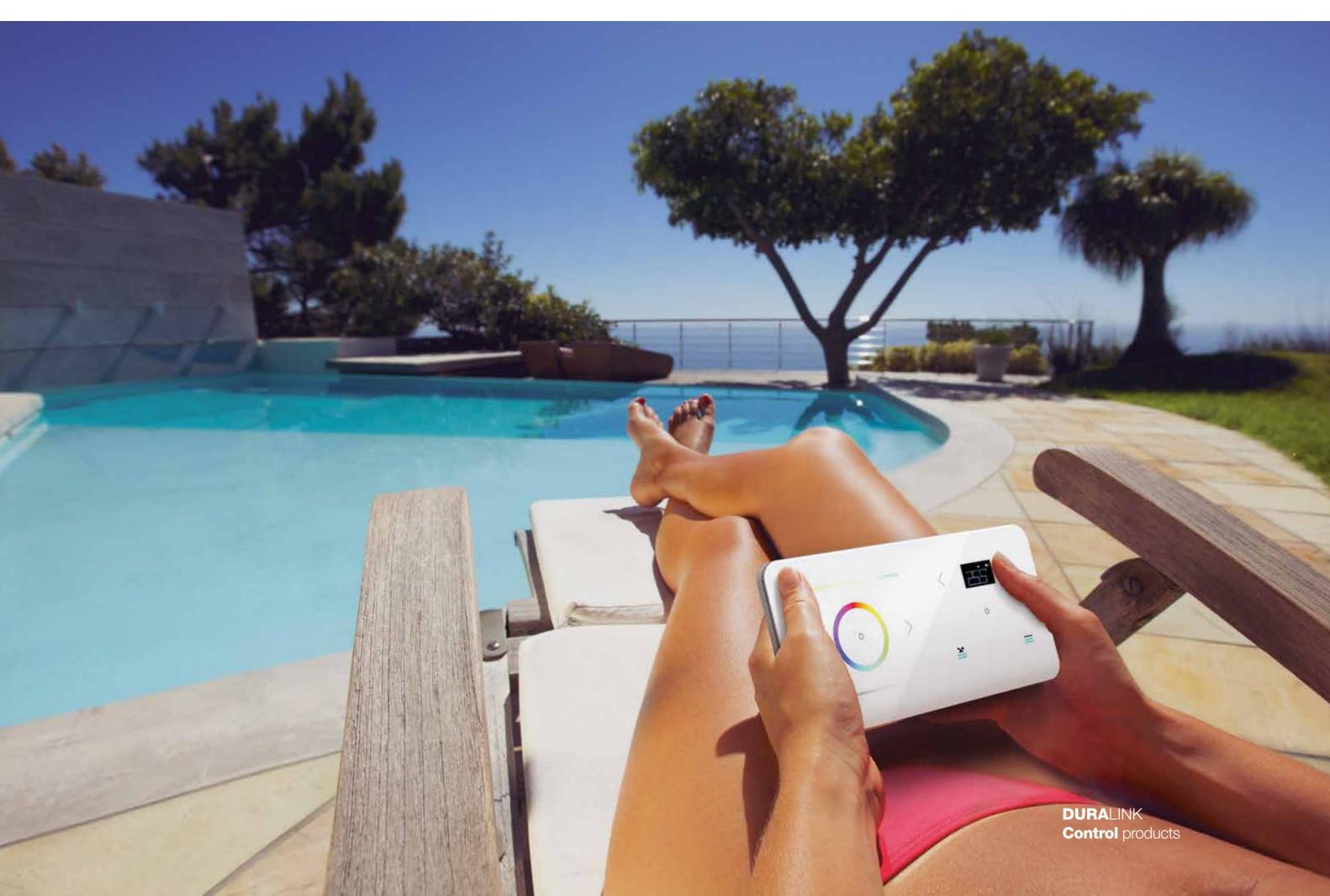


TECHNICAL SPECIFICATIONS

CHARACTERISTICS	UNIT	DCH-010	
Content of package			
Wall pieces		✓	
Mounting plate motor side		✓	
Mounting plate ball joint side		✓	
Bolts and plugs		✓	
Ball joint system		√	
Key switch, flush- and surface-mounted version		✓	
5 straps and plugs		✓	
Connecting box with sealing fluid		✓	
Mounting plates material		RVS 316L	
Mounting plate vertical dimensions (W*H*T)	mm	450*720*5	
Mounting plate horizontal (top) dimensions (L*W)	mm	450*300	
Tube depth	mm	600	
Shipping dimensions (L*W*H)	mm	600*800*610	
Shipping weight	kg	39	
Warranty	year	2	



TELESCOPIC TUBE	MOTOR	CONTROL UNIT
COVER Tube p. 72	COVER Motor p. 74	LINK Cover p. 94
		LINK Master p. 96





DURALINK **Control** products

LINK Driver	88
LINK Touch	90
LINK Controller	92
LINK Cover	94
LINK Master	96
DURA Cloud app	98
LINK Accessories	100

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CONTROL PRODUCTS

DURALINK

The functions of the DURATECH products are easily controlled by the range of DURALINK control units and their remote controls.



Depending on the installation, the chosen products and the customer's wishes, there are various options. From simple/safe operation of DURAVISION LED lighting to intelligent management of the entire pool installation.

External devices can also be connected and controlled via relay contacts.

Thanks to the LINK Touch or the DURA Cloud app, the DURATECH devices can be operated wirelessly.

A suitable solution for every installation

CHOOSE YOUR MOST EFFICIENT CONNECTION

LED lighting

Power supply and control for DURAVISION LED lighting.

Simple ON/OFF or more advanced control via PLC communication.

LINK **Driver** p. 88 LINK **Controller** p. 92



LED lighting + heat pump + pool cover

Control via 1 remote control of DURAVISION LED lighting, DURAHEAT heat pumps and pool cover.

When using DURACOVER pool cover, to be combined with LINK Cover control.

LINK **Touch** p. 90 LINK **Controller** p. 92



Pool cover

Power supply and control for DURACOVER pool cover.

Operation and calibration via key switch.

.,...

LINK **Cover** p. 94



Intelligent contro

Power supply and control of the entire technical pool installation.

Allows the various devices to work together intelligently. Configuration and operation are very easy thanks to the DURA Cloud app.

LINK **Touch** p. 90 LINK **Master** p. 96 DURA **Cloud** app p. 98







LINK Driver



CHARACTERISTICS

- ON/OFF communication, by quickly switching on/off the DURAVISION lamp will change colour this according to fixed colour programs
- Including TX868 remote control
- With/without built-in transformer
- 2 relay contacts, toggle or pulse mode

ADVANTAGES

- Easy installation
- Safe control for DURAVISION led lighting
- Control of external devices such as garden lighting or pool cover via relay contacts





TECHNICAL SPECIFICATIONS

CHARACTERISTICS	UNIT	PL-REM	PL-REM-60	PL-REM-200
Type of control DURAVISION		ON/OFF	ON/OFF	ON/OFF
Frequency band transmitter	MHz	868	868	868
Nominal input voltage	VAC	230	230	230
Built-in toroidal transformer		-	✓	✓
Transformer VA rating	VA	-	60	200
Output voltage	VAC	-	12	12
Realy contacts quantity		2	-	2
IEC protection class		Class II	Class II	Class II
IP class		IP54	IP54	IP54
Unit dimensions (L*W*H)	mm	150*157*51	15*157*51	195*149*90
Net weight	kg	0,5	1,3	3,2
Warranty	year	2	2	2

LED LIGHTING	EXTERNAL TRANSFORMER
VISION Spectra DVM p. 16	TORO-DIN p. 100
VISION Spectra DVS p. 18	TORO-IP64 p. 100
VISION Adagio Pro p. 20	
VISION Pro p. 22	
VISION Moonlight p. 32	

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DURALINK Control products **LINK Touch**



CHARACTERISTICS

- Long-range technology
- Touchscreen
- Available in 2 versions, for RGB and TW lamps
- IP20 housing
- Wall bracket and battery charger included
- Up to 30 days standby time

ADVANTAGES

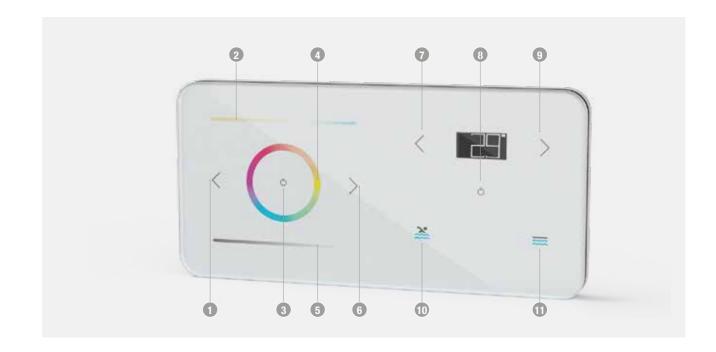
- Sleek and modern design
- 1 remote control for several devices
 - · LED lighting
 - · Heat pump
 - · Cover
- Very stable wireless connection
- Free-standing or wall-mounted
- Rechargeable via USB port



DLT10-BIC, an optional flush-mounted socket with USB-C connection. The standard wall bracket can be mounted on the socket.







- 1 Colour program press for the previous colour program.
- Colour temperature swipe left/ right to adjust pool lighting from different shades of white and blue.
- 3 Lights ON/OFF press to switch all lights ON/OFF.
- 4 Colour wheel swipe to adjust the colour of the pool lights (DLT10-RGB only).
- **5 Dimming level** swipe left/right to adjust the brightness of the pool lights.
- 6 Colour program press for the next colour program.

- Pool water temperature press to lower the desired temperature.
- 8 ON/OFF heat pump press to switch the heat pump ON/OFF.
- Pool water temperature press to increase the desired temperature.
- **Opening** the pool cover.
- (1) Closing the pool cover.

CONTROL UNIT LED LIGHTING	HEAT PUMP	POOL COVER
LINK Controller p. 92	HEAT Dura V p. 46	LINK Cover p. 94 in combination with LINK Controller p. 92
LINK Master p. 96	HEAT Dura Vi p. 48	
	HEAT Dura+i p. 50	
	HEAT Dura Pro p. 52	

LINK Controller

DURALINK Control products





- ON/OFF communication, by quickly switching on/off the DURAVISION lamp will change colour according to fixed colour programs
- PLC communication, commands will be transmitted via the power cable to operate the DURAVISION lamp
- On-board dipswitch for settings
- Including TX868 remote control
- With/without built-in transformer
- 2 relay contacts toggle or pulse mode
- RS-485 and DMX512 connectivity
- LINK Touch compatible

ADVANTAGES

- Easy installation and configuration
- Safe control for DURAVISION LED lighting
- Dimming function via PLC communication
- Control of external devices such as garden lighting or swimming pool covers via relay contacts
- Free space on DIN-RAIL (with PLP-REM-350)
- CAN bus to connect LINK Controller or LINK Cover
- Connection to home automation system via RS-485
- SD card slot for firmware updates





TECHNICAL SPECIFICATIONS

CHARACTERISTICS	UNIT	PLP-REM	PLP-REM-350
Type of control DURAVISION		ON/OFF & PLC	ON/OFF & PLC
Frequency band transmitter	MHz	868	868
LINK Touch compatible		✓	✓
Nominal input voltage	VAC	12	230
Built-in toroidal transformer		-	✓
Transformer VA rating	VA	-	350
Output voltage	VAC	12	12
Quantity AUX outputs		2	2
CAN bus		✓	✓
RS-485		✓	✓
DMX512		✓	✓
IEC protection class		Class II	Class II
IP class		IP54	IP54
Unit dimensions (L*W*H)	mm	150*130*54	420*295*140
Net weight	kg	0,43	6,9
Warranty	year	2	2

LED LIGHTING	POOL COVER	EXTERNAL TRANSFORMER
VISION Spectra DVM p. 16	LINK Cover p. 94	TORO-DIN p. 100
VISION Spectra DVS p. 18		TORO-IP64 p. 100
VISION Adagio Pro p. 20		
VISION Pro p. 22		
VISION Moonlight p. 32		

LINK Cover



CHARACTERISTICS

- Control of the DURACOVER cover system
- Soft start/stop
- 1 relay contact
- CAN bus to connect with LINK Controller
- Deadman switch mode for opening and/or closing
- Torque reduction on overload
- Status indication via multi-coloured LED

ADVANTAGES

- Control of filter pump via relay contact
- Easy installation and calibration
- LINK Touch compatible
 - \cdot In combination with LINK Controller
 - · 1 remote control for lighting, heat pump and cover
 - · Calibration of cover via LINK Touch



TECHNICAL SPECIFICATIONS

CHARACTERISTICS	UNIT	DLC-010		
Nominal input voltage	VAC	230		
Output voltage	VDC	24		
Max. output current	А	11		
Quantity relay contact		1		
CAN bus		✓		
IEC protection class		Class I		
IP class		IP54		
Net dimensions (L*W*H)	mm	420*295*140		
Net weight	kg	4		
Warranty	year	2		



DURACOVER	DURALINK
COVER Motor p. 74	LINK Controller p. 92

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LINK Master





CHARACTERISTICS

- Pre-wired electrical cabinet with built-in transformer
- Terminal blocks to connect the various devices
- Intelligent control of the technical pool installation
- Allows optimal cooperation between different devices
- Possible to connect multi-brand devices
- PLC communication, control via power cable
- 2 relay contacts, toggle or pulse mode
- RS-485 and DMX512 connectivity
- LINK Touch compatible
- RJ45 network connection for internet connection
- Direct Wifi functionality to create a local wireless network
- Power protection
 - · Differential switch 30mA
 - · Current measurement on all 12V and 24V outputs
 - · Software protection for maximum currents

ADVANTAGES

- Makes complex pool installations easier to install and start up
- Simplified electrical wiring, saving valuable installation time
- Power supply and control of various pool devices
 - · Filter pump
 - · Heat pump
 - · Lighting
 - · Cover
 - · Water treatment
 - · Filling system
- Automatic pairing of all DURATECH products
- Remote access thanks to internet connection
- 1 DURA Cloud app to control the entire installation



TECHNICAL SPECIFICATIONS

CHARACTERISTICS	UNIT	DLM-450	DLM-600
Material cabinet		Polymer	Metal
Built-in toroidal transformer		✓	✓
Transformer VA rating	VA	450	600
Nominal input voltage	VAC	230	230
Output voltage to heat pump	VAC	230	230
Output voltage filter pump	VAC	230	230
Output voltage LED lighting	VAC	12	12
Output voltage DuraCover	VDC	24	24
Output voltage water treatment	VAC	230	230
LINK Touch compatible		✓	✓
DURA Cloud app compatible		✓	✓
Quantity relais contacts		2	2
CAN bus		✓	✓
RS-485		✓	✓
DMX512		✓	✓
RJ45 network connection		✓	✓
IEC protection class		Class II	Class II
IP class		IP50	IP30 ^(*)
Unit dimensions (L*W*H)	mm	342*612*150	500*600*175
Net weight	kg	11,5	32
Warranty	year	2	2

 $[\]ensuremath{^{\mbox{\tiny 0}}}$ Requires correct installation with sealed cable duct at the bottom of the cabinet.

INTELLIGENT CONTROL

- Decreases speed or deactivates filter pump when opening/closing pool cover
- When pool cover is fully open, filter pump will operate at full speed for optimum filtration
- Cleaning mode: filter pump operates at full speed and water treatment is deactivated
- Deactivate water treatment when filter pump is not working
- Filter pump will not stop when heat pump is active
- When the heat pump has reached its desired temperature, the filter pump will run for another 5 minutes to bring residual heat to the pool
- Activation automatic filling system by level sensor, automatic filling will stop after 3 hours for safety reasons

LED LIGHTING	HEAT PUMP	POOL COVER	FILTER PUMP	REMOTE CONTROL
VISION Spectra DVM p. 16	HEAT Dura V p. 46	DURACOVER p. 70	FLOW Inverter p. 62	LINK Touch p. 90
VISION Spectra DVS p. 18	HEAT Dura Vi p. 48			DURA Cloud app p. 98
VISION Adagio Pro p. 20	HEAT Dura+i p. 50			
VISION Pro p. 22	HEAT Dura Pro p. 52			
VISION Moonlights p. 32				

DURA Cloud app

DURALINK Control products

CONTROL MADE EASY

- Only one app for configuration, monitoring and operation of technical swimming pool installation
- Carefree enjoyment has never been easier
- App available for Android and iOS devices











EASY MANAGEMENT

- Management of multiple pools
- Local or remote connection
- Different user profiles with corresponding possibilities





DASHBOARD FOR DAILY USE

- Control various devices such as lighting, temperature adjustment, cover, ...
- Detail page available for specific information or more control functions





CONFIGURATION AND SMART RULES

- Overview page of connected devices
- Detail page per device for configuration and smart rules so that the various devices can work optimally together





PLANNER

- Default programs for time-dependent control of filter pump
- Possibility of creating personalised schedulers for filter pump operating times/settings, heat pump and lighting





CALIBRATION DURACOVER

- Easy calibration of DURACOVER pool cover
- Adjusting motor rotation direction via app





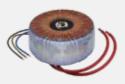
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LINK Accessoires

DURALINK Control products

TORO-DIN

Toroidal transformer suitable for DURAVISION LED pool lights. Model for DIN rail mounting.



TORO-IP64

Toroidal transformer suitable for DURAVISION LED pool lights. Wall-mounting version with IP64 enclosure.



TX868

Remote control on 868 mHz to control LINK Driver or LINK Controller control systems.



503-0010

Distribution terminal block to connect cables of DURAVISION LED pool lights. Model for DIN rail mounting.





TECHNICAL SPECIFICATIONS

CHARACTERISTICS	UNIT	TR150-DIN	TR350-DIN	TR700-DIN
Nominal voltage input	VAC	230	230	230
Transformer VA rating	VA	150	350	700
Output voltage	VAC	12	12	12
IEC protection class		Class II	Class II	Class II
IP class		IP00	IP00	IP00
Warranty	year	2	2	2

CHARACTERISTICS	UNIT	TR150-IP64	TR350-IP64	TR700-IP64
Nominal voltage input	VAC	230	230	230
Transformer VA rating	VA	150	350	700
Output voltage	VAC	12	12	12
IEC protection class		Class II	Class II	Class II
IP class		IP64	IP64	IP64
Warranty	year	2	2	2

DURACARE

DURACARE is our after-sales service that provides active support to professional distributors, pool builders and installers.

Our partners provide after-sales support to the end customers.

DURACARE employs its extensive database, which contains technical, general and product specific information.

Our R&D engineers are working closely together with the DURACARE after-sales service.

With just a few clicks on our website you can easily download all our (multilingual) product manuals.

Upon request, House of DURATECH organizes product-oriented training courses for distributors and installers. You can contact the DURACARE team by e-mail and telephone.

The Plug & Play Heat pumps HEAT Hot Splash and HEAT Sun Spring have their own micro sites where you will find specific product information, a handy contact sheet and the manual.

www.hotsplash.eu
www.sunspring.eu
duracare@duratech.be
service@duratech.be
www.duratech.be



