Easy to implement and most affordable pool automation with DuraLink™ connected products.

Superior pool lights to match your light expectations. Use the pool light wizard inside.

Introducing elegant and deviceful designed heat pumps, with a whispering sound level.

**DuraLink™** connected product range

**DuraVision**
*Pool Light* products

**DuraHeat**
*Heat Pump* products

**DuraCover**
*Cover System* products

**DuraLink**
*Control* products
During his childhood years, Marc Lamberts (CEO) grew up in the world of pool installers and accompanied his father to many swimming pool building sites and professional fairs. By sharing experience with distributors and installers, he quickly realized that existing pool products did not meet their professional needs. With an engineering degree in his pocket and exciting new ideas, this visionary set up his own business. Propulsion Systems was founded in 2002 and became a pioneer of the development of revolutionary and ecological LED lighting for swimming pools. Shortly afterwards, the product range was expanded with a new generation of heat pumps. At present, this Belgian company with its own production facility in China employs over 60 people. Their well-being is being looked after by Ariëtte, Marc Lamberts’ wife, who manages all HR matters. Today House of DURATECH offers an impressive range of sustainable and top-of-the-range products based on the latest technologies. The brand DURATECH perfectly summarizes what the company and its employees believe in: Durable Technologies.

Mission | With 18 years of experience in developing and manufacturing pool products, House of DURATECH is a prominent producer of sustainable LED lighting, remote control products, heat pumps and cover systems. The DURAVISION, DURALINK, DURATECH and DURACOVER products are designed to meet the needs and requirements of professional distributors, installers and pool owners. With an emphasis on innovation and high quality standards that are essential to the company. Everything revolves around the principle of simple installation and ease of use. The DURATECH products are developed in Belgium and distributed worldwide.

Vision | Over time, the company wishes to expand its existing product range into a full range of pool products that constitute a whole and communicate with each other via ingenious software. With a view on sustainability and an active role in the ecological footprint. All products are made of robust materials, that are easily installed and maintained and that guarantee pool owners years of worry-free swimming pleasure.
House of DURATECH is the umbrella name for the product groups comprising the complete range of lighting products, heat pumps, cover products and related control systems.

Control made easy

DuraLink™
Connected product range

Products

**DURAVISION**
Pool Light products

**DURATECH**
Heat Pump products

**DURACOVER**
Cover System products

**DURALINK**
Control products
Introduction

**DURAVISION**

**Pool Light** products | DURAVISION stands for the extensive range of pool lights. The innovative technology offers a wide colour spectrum with a VISION Face Plate finish of your choice. These intelligent installation systems can be easily applied to any type of swimming pool, both for new-build and Retrofit.

**DURAHEAT**

**Heat Pump** products | DURAHEAT covers the product range of all models and types of heat pumps. These top-of-the-range, highly effective heating solutions are suitable for both below and above-ground swimming pools and can also be used for public swimming pools.

**DURACOVER**

**Cover System** products | Readymade cover systems built for evident installations. Giving you on-the-job flexibility to adjust for that specific pool dimension. Sized for easy handling and transport. Part of the DuraLink™ connected product range giving you easy wireless control over all functions of your cover system.

**DURALINK**

**Control** products | Mastering performance over your House of DURATECH pool set-up is made effortlessly with the smart DuraLink™ connected product range. Ingenious smart technology allows the heat pump, the lighting and the pool cover to be wirelessly operated from a distance in a reliable way.
Control made easy

**DuraLink™ connected product range**

Comfort is within easy reach to remotely operate your linked House of DURATECH products. With the unique LINK Touch remote control, you will have control over your pool lights, heat pump and secured pool cover at the same time.

- Features include selecting the desired colour program as well as the dimming function for your pool lights.
- Connecting with your heat pump and adjusting the desired pool water temperature.
- Install the LINK Master and you will have many extra features, including the safe opening and closing of your DURACOVER.

When you see this icon, you know the product is part of the DuraLink™ connected product range.

**DuraLink™ connection via LINK Controller**

[Diagram showing LINK Controller, LINK Touch, DURAHEAT Heat Pump, DURAVISION Pool Light, Multi-Brand cover and control box, and Multi-Brand Pool components]

**DuraLink™ connection via LINK Master**

[Diagram showing LINK Master, LINK Touch, DURAHEAT Heat Pump, DURACOVER Cover System, Multi-Brand Pool components: Heat Pump, Filter Pump, Sensors, Purification system, Cover]
Control made easy

How to choose the optimal connection

Please check the grid below to see how the different products mix and match in terms of preferred connectivity options. More info about the products can be found in the separate chapters.

<table>
<thead>
<tr>
<th>INCLUDED</th>
<th>VISION Moonlight</th>
<th>VISION Spectra</th>
<th>VISION Adagio Pro</th>
<th>VISION Pro</th>
<th>HEAT products</th>
<th>COVER products</th>
<th>MULTI-BRAND</th>
</tr>
</thead>
<tbody>
<tr>
<td>LINK Driver</td>
<td>Remote TX868</td>
<td>&gt; page 104</td>
<td>&gt; page 117</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
<td></td>
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<tr>
<td>LINK Controller</td>
<td>Remote TX868</td>
<td>&gt; page 110</td>
<td>&gt; page 117</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LINK Controller</td>
<td>LINK Touch</td>
<td>&gt; page 110</td>
<td>&gt; page 106</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>LINK Master</td>
<td>LINK Touch</td>
<td>&gt; page 112</td>
<td>&gt; page 106</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
</tbody>
</table>
DURAVISION is a full range of smartly designed pool light products. The innovative LED lighting solutions are assembled with high quality components and materials making them very powerful, efficient and economical in use. All DURAVISION Pool Light products are attuned to each other for easy fittings and installations.

Introduction ............................................ 14
VISION Moonlight ................................ ... 16
VISION Spectra .................................... 22
VISION Adagio Pro ....................... 32
VISION Pro ............................................ 40
VISION Wall Conduits ....................... 50
VISION Face Plates ......................... 54
VISION Specials ................................... 58

QuickConnect™ Extremely reliable and easy to mount proprietary connector with gold plated contacts. The power-line wires can be inserted without the need to be stripped and are fixed with self-piercing contact screws.

PressFit™ House of DURATECH invented this adjustable light mounting system that allows pool lights to be fitted seamlessly to the wall, even if the wall conduits have been mounted non-perpendicularly.

ClickOn™ House of DURATECH introduced this innovative concept of easily interchangeable VISION Face Plates for pool lights. A wide selection of Face Plates is available allowing detailed personalization.

NoAir™ House of DURATECH is the pioneer in Resin filled swimming pool lights. This unique proprietary process guarantees many years of leakage- and condensation free light operation. At the same time internal reflection is eliminated, resulting in more light output.

Ultra Flat Shape Due to the ultra flat shape the lamp can not be used as a step, which means no damage can occur.

Part of the DuraLink™ connected product range.
Introduction

The light output for all DURAVISION pool lights is measured in lumen, helping to decide which models and number of lights are suitable to match the area for illumination in the pool.

Simulation for your pool with VISION Spectra lights

Simulation for your pool with VISION Adagio Pro lights

Simulation for your pool with VISION Pro lights

Check the chart to see which pool light fits your specs best

The charts on the left and below are for pools with white or light coloured walls requiring 100-150 lm/m². For slightly darker colour tones a 50% increase of light (lumen) needs to be provided. Pools with medium dark coloured walls will require double the quantity of light output. Be aware that pools with dark walls will be difficult to illuminate and will require up to 250% extra light output.

Legend:
- WH: White lights
- TW: Tunable white lights
- RGB: RGB coloured lights
- RGBW: RGB & White coloured combined lights
- PLW / PLS - VISION Moonlight
- DVM / DVS - VISION Spectra
- PLP - VISION Adagio Pro
- DVP - VISION Pro

LAMP TYPE | PLW / PLS | DVM | DVS | PLP | DVP
---|---|---|---|---|---
ILLUMINATED AREA (m²)
50 | | | | | |
79 | | | | | |
76 | | | | | |
74 | | | | | |
70 | | | | | |
66 | | | | | |
64 | | | | | |
62 | | | | | |
60 | | | | | |
58 | | | | | |
56 | | | | | |
54 | | | | | |
52 | | | | | |
50 | | | | | |
48 | | | | | |
46 | | | | | |
44 | | | | | |
42 | | | | | |
40 | | | | | |
38 | | | | | |
36 | | | | | |
34 | | | | | |
32 | | | | | |
30 | | | | | |
28 | | | | | |
26 | | | | | |
24 | | | | | |
22 | | | | | |
20 | | | | | |
18 | | | | | |
16 | | | | | |
14 | | | | | |
12 | | | | | |
10 | | | | | |
8 | | | | | |
6 | | | | | |
4 | | | | | |
2 | | | | | |
0 | | | | | |

INFO ON PAGE: 16 22 24 32 40

The light output for all DURAVISION pool lights is measured in lumen, helping to decide which models and number of lights are suitable to match the area for illumination in the pool.
VISION Moonlight offers you a range of fixed and dynamic lights. In for a party, or just relaxing? Pick a mood! VISION Moonlight can transform your pool in a fascinating play of light and colours.

**FEATURES & BENEFITS**
- Diameter: 170 mm
- Fully compatible with PAR56 niche
- Can be installed directly on a concrete, mosaic, polyester, metal or wooden wall, or used with a dedicated wall conduit
- LED lifetime up to: 25,000 hours
- Resin filled NoAir™ housing
- The use of high quality polymers makes the light compatible with salt electrolysis
- Rubber cable included
- 12 VAC / 2-wire
- The RGB version offers colour and white programs

---

**PLS300B Ø170 mm**
- 575 lm
- 15 W
- € 160,00

**PLS400B Ø170 mm**
- 925 lm
- 21 W
- € 195,00

**PLS700B Ø170 mm**
- 1450 lm
- 25 W
- € 265,00

**PLW300B Ø170 mm**
- 1250 lm
- 16 W
- € 160,00

**PLW400B Ø170 mm**
- 1850 lm
- 19 W
- € 195,00

**PLW700B Ø170 mm**
- 2100 lm
- 28 W
- € 260,00

---

**PLW170B Ø170 mm**
- 1450 lm
- 18 W
- € 115,00

**PLS170B Ø170 mm**
- 1050 lm
- 19,5 W
- € 154,00
Technical specifications

<table>
<thead>
<tr>
<th>ORDERING CODE:</th>
<th>UNITS</th>
<th>PLS300B</th>
<th>PLS400B</th>
<th>PLS700B</th>
<th>PLS170B</th>
<th>PLW300B</th>
<th>PLW400B</th>
<th>PLW700B</th>
<th>PLW170B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light colour:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal colour temperature:</td>
<td>K</td>
<td>All colours</td>
<td>9000</td>
<td>5000</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td>Max. light output:</td>
<td>lm</td>
<td>575</td>
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<td>1090</td>
<td>1250</td>
<td>1850</td>
<td>2100</td>
<td>1450</td>
</tr>
<tr>
<td>Beam angle:</td>
<td>°</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>116</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>116</td>
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<td>170</td>
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<td>170</td>
<td>170</td>
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<td>170</td>
</tr>
<tr>
<td>Max. power:</td>
<td>W</td>
<td>13</td>
<td>21</td>
<td>25</td>
<td>19.5</td>
<td>16</td>
<td>19</td>
<td>28</td>
<td>18</td>
</tr>
<tr>
<td>Nominal input voltage:</td>
<td>VAC</td>
<td>25.000</td>
<td>10.000</td>
<td>25.000</td>
<td>10.000</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Max. operating temperature:</td>
<td>°C</td>
<td>up to 40</td>
<td>up to 30</td>
<td>up to 40</td>
<td>up to 30</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PREFERRED CONNECTION WITH LINK Driver (see page 104)

- PL-REM
- PL-REM-60 (max 60 VA)
- PL-REM-200 (max 200 VA)

RETROFIT ASSEMBLY

**What you need**

**step 1**
Choose your VISION Moonlight model:

1. PLS300B, PLS400B or PLS700B
2. PLW300B, PLW400B or PLW700B
3. PLW170B
4. PLS170B

**step 2**
Use the VISION Moonlight assembly set to fit your selected light on a concrete wall or in a thin wall.

- The VISION Moonlight set comes with a white plastic Face Plate. A stainless steel Face Plate is available which will click over the white Face Plate.

**step 3**
Assemble all the parts as shown in the grid. Mount it on your wall.

**step 4**
Overview of your fitted light:

1. Concrete wall - end result
2. Thin wall - end result

RETROFIT SOLUTION

VISION Moonlight set:

- PZM170-RM-WH
  - Ø 170: € 25.00

Stainless steel Face Plate for VISION Moonlight set:

- PZM170-RM-SS
  - Ø 170: € 138.00

Overview of your fitted light:

1. Concrete wall - end result
2. Thin wall - end result
Thanks to the clear instructions in the manual, I managed to install my pool lights in no time.

Stable operation of the pool lights is only guaranteed when the installed cable cross section matches or exceeds the advised values in the shown tables.
VISION Spectra

DVM

VISION Spectra offers you the DVM range of lamps with medium levels of lumen output for partially or ambient lit pools. Available in whites and fixed colours, including dynamic scenarios. By turning the lamps OFF and quickly back ON, you can give your swimming pool a totally different look. Great to use with the optional LINK Drivers for easy remote control.

<table>
<thead>
<tr>
<th>DVM50-WH</th>
<th>Ø50 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day White</td>
<td>420 lm</td>
</tr>
<tr>
<td></td>
<td>5.5 W</td>
</tr>
<tr>
<td>€ 78.00</td>
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<table>
<thead>
<tr>
<th>DVM100-WH</th>
<th>Ø100 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day White</td>
<td>800 lm</td>
</tr>
<tr>
<td></td>
<td>10 W</td>
</tr>
<tr>
<td>€ 99.00</td>
<td></td>
</tr>
</tbody>
</table>

<p>| DVM170-WH | Ø170 mm |</p>
<table>
<thead>
<tr>
<th>DVM170-RGB</th>
<th>Ø170 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day White</td>
<td>1450 lm</td>
</tr>
<tr>
<td>RGB</td>
<td>1050 lm</td>
</tr>
<tr>
<td>18 W</td>
<td></td>
</tr>
<tr>
<td>€ 115.00</td>
<td></td>
</tr>
</tbody>
</table>

Creating various moods with LED lighting |

With the sophisticated DURAVISION colour pool lights, you can choose from a wide range of possibilities to illuminate your swimming pool in style. You simply create a party mood with brightly changing colours in and around your pool in no time. Or if you are a romantic at heart loving a sultry summer evening, just dim the lights and layback to enjoy a peaceful starry sky. It is all up to you depending on the mood and the atmosphere you wish to bring to life. Keep in mind that the lighting systems can also be applied to your Jacuzzi or children’s pool. The DURAVISION pool lights have been designed with care and attention to detail. LED lamps have a longer lifespan and can easily be operated with the DURALINK Control products. Thanks to its low power consumption, your energy bill will be reduced substantially. Yet another reason to illuminate your pool safely around the clock! DURAVISION pool lights turn your swimming pool into a mind-blowing experience.

FEATURES & BENEFITS

- 3 available diameters: 50, 100 and 170 mm
- Can be installed in most 1 1/2 “ wall conduits
- The 170 mm version is fully compatible with PAR56 niche
- LED lifetime up to: 10,000 hours
- Resin filled NoAir™ housing
- The use of high quality polymers makes the light compatible with salt electrolysis
- Detachable 2 m rubber cable included
- 12 VAC / 2-wire
- White and RGB colour modes with smooth transitions
- A wide selection of VISION Face Plates available for personalization
- Easy to install due to features like QuickConnect™, PressFit™ and ClickOn™
VISION Spectra offers you the DVS range of lamps with strong levels of lumen output for fully lit pools. Available in whites and fixed colours, including dynamic scenarios. By turning the lamps OFF and quickly back ON, you can give your swimming pool a totally different look. Great to use with the optional LINK Drivers for easy remote control.

FEATURES & BENEFITS
- 3 available diameters: 50, 100 and 170 mm
- Can be installed in most 1 1/2” wall conduits
- The 170 mm version is fully compatible with PAR56 niche
- LED lifetime up to: 30,000 hours
- Resin filled NoAir™ housing
- The use of high quality polymers makes the light compatible with salt electrolysis
- Detachable 2 m rubber cable included
- 12 VAC / 2-wire
- Tunable white and RGB colour modes with smooth transitions
- A wide selection of VISION Face Plates available for personalization
- Easy to install due to features like QuickConnect™, PressFit™ and ClickOn™

After a long day at work, I enjoy relaxing at my pool while watching the magical light patterns in the water.
Technical specifications

### DVM

<table>
<thead>
<tr>
<th>ORDERING CODE:</th>
<th>UNITS</th>
<th>DVM050-WH</th>
<th>DVM100-WH</th>
<th>DVM170-WH</th>
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<td>Day White</td>
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<td>10.000</td>
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<tr>
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**PREFERRED CONNECTION WITH LINK Driver (see page 104)**

- PL-REM: ✔ ✔ ✔ ✔ ✔ ✔
- PL-REM-60 (max. 60 VA): ✔ ✔ ✔ ✔ ✔ ✔
- PL-REM-200 (max. 200 VA): ✔ ✔ ✔ ✔ ✔ ✔

### DVS

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<th>DVS050-RGB</th>
<th>DVS055-TW</th>
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<td>RGB</td>
<td>Tunable White</td>
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<td>Tunable White</td>
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<td>3000 - 6500</td>
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<td>3000 - 6500</td>
<td>All colours</td>
<td>3000 - 6500</td>
<td>All colours</td>
</tr>
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<td>116</td>
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<td></td>
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<td>10</td>
<td>22,5</td>
<td>30,000</td>
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</tr>
<tr>
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<td></td>
<td></td>
<td></td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LED lifetime up to:</td>
<td>h</td>
<td></td>
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<td></td>
<td>up to 40</td>
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</tr>
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</table>

**PREFERRED CONNECTION WITH LINK Driver (see page 104)**

- PL-REM: ✔ ✔ ✔ ✔ ✔ ✔
- PL-REM-60 (max. 60 VA): ✔ ✔ ✔ ✔ ✔ ✔
- PL-REM-200 (max. 200 VA): ✔ ✔ ✔ ✔ ✔ ✔

### Demo table stand

**DEMO-01**

Functional table stand for VISION Spectra
VISION Wall Conduit PZA-WTM-S included
Table display included
12 VAC transformer included
Light source and VISION Face Plate to be ordered separately

Create a real-life experience.
In the table stand you can mount VISION Spectra 050/100/170 lamps and the VISION Face Plate of your choice. The table stand is fitted with a 12 VAC transformer with push ON-button. Multiple pushes will show the different colour programs for the RGB and Tunable White lamps.

### Retrofit assembly

PAR56 Retrofit Solution with VISION Spectra pool lights

Create a real-life experience.
In the table stand you can mount VISION Spectra 050/100/170 lamps and the VISION Face Plate of your choice. The table stand is fitted with a 12 VAC transformer with push ON-button. Multiple pushes will show the different colour programs for the RGB and Tunable White lamps.
**What you need**

**step 1**
Choose your VISION Spectra light:
1. Ø 50mm
2. Ø 100mm
3. Ø 170mm

**step 2**
Choose the suitable type of VISION Wall Conduit:
4. For a concrete wall with straight or vertical* cable connection
5. For a thin wall with straight or vertical* cable connection
6. * Internal cable gland for water tight sealed cable connection suitable for infinity pools

**step 3**
Choose one of the VISION Face Plates to give a personal touch to your pool

**step 4**
Overview final assembly
7. ClickOn™ for easy fitting of VISION Face Plates

---

**How to assemble**

**Installing the VISION Wall Conduit**
- Easy fixing of cable gland
- Easy guiding of cables with cable puller

**Easy fixing of VISION Face Plates with the tool set**

**Easy to install due to features like QuickConnect™**

---

**System assembly**
PZA-WTM-SS

**Tool set**: a ‘must have’ when installing the VISION Wall Conduits and VISION Face Plates

**High quality reinforced PVC flex tube and Viton O ring**

**QuickConnect™**, extremely reliable and easy to mount connector

---

**See page 51**

**See page 55**

**See page 23 & 25**

**See page 47**

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See pages 23 & 25 for assembly instructions.
Wiring instructions

**Setup 1**

Each lamp is connected to the transformer by a separate cable.

- **Lamp Type**
  - DV5000-TW
  - DV5000-RGB
  - DV5000-WH
  - DV1000-TW
  - DV1000-RGB
  - DV1000-WH
  - DV1700-TW
  - DV1700-RGB
  - DV1700-WH

<table>
<thead>
<tr>
<th>Lamp Type</th>
<th>QTY</th>
<th>2.5 mm²</th>
<th>4.0 mm²</th>
<th>6.0 mm²</th>
<th>10.0 mm²</th>
<th>VA Transformer (12 VAC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DV5000-TW</td>
<td>1</td>
<td>140 m</td>
<td>200 m</td>
<td>300 m</td>
<td>550 m</td>
<td>12 VA</td>
</tr>
<tr>
<td>DV5000-RGB</td>
<td>2</td>
<td>70 m</td>
<td>100 m</td>
<td>150 m</td>
<td>275 m</td>
<td>24 VA</td>
</tr>
<tr>
<td>DV5000-WH</td>
<td>3</td>
<td>47 m</td>
<td>67 m</td>
<td>100 m</td>
<td>183 m</td>
<td>36 VA</td>
</tr>
<tr>
<td>DV1000-TW</td>
<td>4</td>
<td>35 m</td>
<td>50 m</td>
<td>75 m</td>
<td>138 m</td>
<td>48 VA</td>
</tr>
<tr>
<td>DV1000-RGB</td>
<td>1</td>
<td>200 m</td>
<td>350 m</td>
<td>550 m</td>
<td>910 m</td>
<td>7 VA</td>
</tr>
<tr>
<td>DV1000-WH</td>
<td>2</td>
<td>100 m</td>
<td>175 m</td>
<td>275 m</td>
<td>475 m</td>
<td>14 VA</td>
</tr>
<tr>
<td>DV1700-TW</td>
<td>3</td>
<td>67 m</td>
<td>117 m</td>
<td>183 m</td>
<td>317 m</td>
<td>21 VA</td>
</tr>
<tr>
<td>DV1700-RGB</td>
<td>4</td>
<td>50 m</td>
<td>88 m</td>
<td>138 m</td>
<td>238 m</td>
<td>28 VA</td>
</tr>
<tr>
<td>DV1700-WH</td>
<td>1</td>
<td>55 m</td>
<td>90 m</td>
<td>135 m</td>
<td>200 m</td>
<td>30 VA</td>
</tr>
<tr>
<td>DV1000-WH</td>
<td>2</td>
<td>28 m</td>
<td>45 m</td>
<td>68 m</td>
<td>100 m</td>
<td>60 VA</td>
</tr>
<tr>
<td>DV1700-TW</td>
<td>3</td>
<td>18 m</td>
<td>30 m</td>
<td>45 m</td>
<td>67 m</td>
<td>90 VA</td>
</tr>
<tr>
<td>DV1700-RGB</td>
<td>4</td>
<td>14 m</td>
<td>23 m</td>
<td>34 m</td>
<td>50 m</td>
<td>120 VA</td>
</tr>
</tbody>
</table>

**Setup 2**

All lamps are connected to the transformer via 1 cable.

- **Lamp Type**
  - DV5000-TW
  - DV5000-RGB
  - DV5000-WH
  - DV1000-TW
  - DV1000-RGB
  - DV1000-WH
  - DV1700-TW
  - DV1700-RGB
  - DV1700-WH

<table>
<thead>
<tr>
<th>Lamp Type</th>
<th>QTY</th>
<th>2.5 mm²</th>
<th>4.0 mm²</th>
<th>6.0 mm²</th>
<th>10.0 mm²</th>
<th>VA Transformer (12 VAC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DV5000-TW</td>
<td>1</td>
<td>140 m</td>
<td>200 m</td>
<td>300 m</td>
<td>550 m</td>
<td>12 VA</td>
</tr>
<tr>
<td>DV5000-RGB</td>
<td>2</td>
<td>70 m</td>
<td>100 m</td>
<td>150 m</td>
<td>275 m</td>
<td>24 VA</td>
</tr>
<tr>
<td>DV5000-WH</td>
<td>3</td>
<td>47 m</td>
<td>67 m</td>
<td>100 m</td>
<td>183 m</td>
<td>36 VA</td>
</tr>
<tr>
<td>DV1000-TW</td>
<td>4</td>
<td>35 m</td>
<td>50 m</td>
<td>75 m</td>
<td>138 m</td>
<td>48 VA</td>
</tr>
<tr>
<td>DV1000-RGB</td>
<td>1</td>
<td>200 m</td>
<td>350 m</td>
<td>550 m</td>
<td>910 m</td>
<td>7 VA</td>
</tr>
<tr>
<td>DV1000-WH</td>
<td>2</td>
<td>100 m</td>
<td>175 m</td>
<td>275 m</td>
<td>475 m</td>
<td>14 VA</td>
</tr>
<tr>
<td>DV1700-TW</td>
<td>3</td>
<td>67 m</td>
<td>117 m</td>
<td>183 m</td>
<td>317 m</td>
<td>21 VA</td>
</tr>
<tr>
<td>DV1700-RGB</td>
<td>4</td>
<td>50 m</td>
<td>88 m</td>
<td>138 m</td>
<td>238 m</td>
<td>28 VA</td>
</tr>
</tbody>
</table>

Stable operation of the pool lights is only guaranteed when the installed cable cross section matches or exceeds the advised values in the shown tables.

**Separate cable (not included)**

- 2 m cable included in lamp package
- Always use a toroidal transformer

**Set up 2**

This setup is not preferred.
VISION Adagio Pro lights offer you a range of fixed colours and dynamic scenarios. With just one click on the remote, you can give your swimming pool a totally different look.

FEATURES & BENEFITS
- 3 available diameters: 50, 100 and 170 mm
- Can be installed in most 1 1/2” wall conduits
- The 170 mm version is fully compatible with PAR56 niches
- LED lifetime up to: 50,000 hours
- Resin filled NoAir™ housing: impossible for water to infiltrate in the light
- The use of high quality polymers makes the light compatible with salt electrolysis
- Detachable 4 m rubber cable included
- 12 VAC / 2-wire
- Programmable white and 11 RGB colour modes with smooth transitions
- Dimming possibility for RGB & TW
- Domotica RS485 or DMX512 with LINK Controller or LINK Master
- The VISION Adagio Pro RGB & TW lights are part of the DuraLink™ connected product range
- Very wide beam angle to avoid shaded zones in the pool
- A wide selection of VISION Face Plates available for personalization
- Easy to install due to features like QuickConnect™, PressFit™ and ClickOn™
- Part of the DuraLink™ connected product range

The VISION Adagio Pro RGB & TW Pool Lights can be operated wirelessly with LINK Touch.
## Technical specifications

| ORDERING CODE: | UNITS | PLP050-RGB | PLP050-TW | PLP050-WH | PLP050-WW | PLP050-BL | PLP100-RGB | PLP100-TW | PLP100-WH | PLP100-WW | PLP100-BL | PLP170-RGB | PLP170-TW | PLP170-WH | PLP170-WW | PLP170-BL |
|----------------|-------|------------|------------|-----------|-----------|-----------|------------|------------|-----------|-----------|-----------|------------|------------|-----------|-----------|-----------|-----------|
| Light colour: |       | RGB        | Tunable Wh.| Day Wh.| Warm Wh.| Blue      | RGB        | Tunable Wh.| Day Wh.| Warm Wh.| Blue      | RGB        | Tunable Wh.| Day Wh.| Warm Wh.| Blue      | RGB        | Tunable Wh. | Day Wh. | Warm Wh. | Blue |
| Nominal colour temperature: | K | 3000 - 6500 + BLUE | 5000 | 3300 | 680 | 165 | 1800 | 3000 - 6500 + BLUE | 5000 | 3300 | 470 | 3600 | 4250 | 5500 | 4950 | 1450 |
| Max. light output: | lm | 600 | 700 | 750 | 680 | 165 | 1800 | 2150 | 2600 | 2350 | 470 | 3600 | 4250 | 5500 | 4950 | 1450 |
| Diameter optic: | mm | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Max. power: | W | 10 | 10 | 6 | 6 | 6 | 45 | 45 | 30 | 30 | 25 | 75 | 75 | 60 | 60 | 60 | 60 |
| Nominal input voltage: | VAC | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Power factor: | > 0.96 | > 0.93 | > 0.93 | > 0.93 | > 0.93 | > 0.93 | > 0.93 | > 0.93 | > 0.93 | > 0.93 | > 0.93 | > 0.93 | > 0.93 | > 0.93 | > 0.93 | > 0.93 |
| LED lifetime up to: | h | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 |
| Max. operating temperature: | °C | up to 40 | up to 40 | up to 40 | up to 40 | up to 40 | up to 40 | up to 40 | up to 40 | up to 40 | up to 40 | up to 40 | up to 40 | up to 40 | up to 40 | up to 40 | up to 40 |

### PREFERRED CONNECTION WITH LINK

- Controller (see page 110)
- Master (see page 112)

- PLP-REM
- PLP-REM-350
- DLM-450
- DLM-600

### Demo table stand

**DEMO-01**

| Functional table stand for VISION Adagio Pro |
| VISION Wall Conduit PZA-WTM-S included |
| Table display included |
| 12 VAC transformer included |
| Light source and VISION Face Plate to be ordered separately |
| € 95,00 |

Create a real-life experience. In the table stand you can mount VISION Adagio Pro 050/100/170 lamps and the VISION Face Plate of your choice. The table stand is fitted with a 12 VAC transformer with push ON-button. Multiple pushes will show the different colour programs for the RGB and Tunable White lamps.

### Retrofit assembly

PAR66 Retrofit Solution with VISION Adagio Pro: PLP170-RGB, PLP170-WH, PLP170-WW, PLP170-BL or PLP170-TW.
What you need

step 1
Choose your VISION Adagio Pro light:
1 Ø 50mm
2 Ø 100mm
3 Ø 170mm

step 2
Choose the suitable type of VISION Wall Conduit
4 For a concrete wall with straight or vertical* cable connection
5 For a thin wall with straight or vertical* cable connection
* Internal cable gland for water tight sealed cable connection suitable for infinity pools

step 3
Choose one of the VISION Face Plates to give a personal touch to your pool

step 4
Overview final assembly
7 ClickOn™ for easy fitting of VISION Face Plates

How to assemble

Installing the VISION Wall Conduit
- Easy fixing of cable gland
- Easy guiding of cables with cable puller

Easy fixing of VISION Face Plates with the tool set

Easy to install due to features like QuickConnect™

System assembly PZA-WTM-SS
Tool set: a ‘must have’ when installing the VISION Wall Conduits and VISION Face Plates
High quality reinforced PVC flex tube and Viton O ring
QuickConnect™, extremely reliable and easy to mount connector
Wiring instructions

**SETUP 1**
Each lamp is connected to the transformer by a separate cable

**SETUP 2**
All lamps are connected to the transformer via 1 cable

---

Stable operation of the pool lights is only guaranteed when the installed cable cross section matches or exceeds the advised values in the shown tables.

---

**SELECT CABLE CROSS SECTION & MAXIMUM LENGTH**

<table>
<thead>
<tr>
<th>LAMP TYPE</th>
<th>1.5 mm²</th>
<th>2.5 mm²</th>
<th>4.0 mm²</th>
<th>6.0 mm²</th>
<th>10.0 mm²</th>
<th>VA transformer (12 VAC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLP050-WH</td>
<td>122 m</td>
<td>204 m</td>
<td>326 m</td>
<td>490 m</td>
<td>820 m</td>
<td>8 VA</td>
</tr>
<tr>
<td>PLP050-WW</td>
<td>79 m</td>
<td>132 m</td>
<td>212 m</td>
<td>318 m</td>
<td>530 m</td>
<td>12 VA</td>
</tr>
<tr>
<td>PLP050-RGB/TW</td>
<td>26 m</td>
<td>43 m</td>
<td>69 m</td>
<td>104 m</td>
<td>173 m</td>
<td>32 VA</td>
</tr>
<tr>
<td>PLP100-WH</td>
<td>15 m</td>
<td>25 m</td>
<td>41 m</td>
<td>61 m</td>
<td>100 m</td>
<td>48 VA</td>
</tr>
<tr>
<td>PLP100-WW</td>
<td>11 m</td>
<td>19 m</td>
<td>30 m</td>
<td>46 m</td>
<td>75 m</td>
<td>66 VA</td>
</tr>
<tr>
<td>PLP100-RGB/TW</td>
<td>8 m</td>
<td>14 m</td>
<td>23 m</td>
<td>35 m</td>
<td>57 m</td>
<td>80 VA</td>
</tr>
</tbody>
</table>

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Stable operation of the pool lights is only guaranteed when the installed cable cross section matches or exceeds the advised values in the shown tables.

---

**SELECT CABLE CROSS SECTION & MAXIMUM LENGTH**

<table>
<thead>
<tr>
<th>LAMP TYPE</th>
<th>QTY</th>
<th>LAMPS</th>
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</thead>
<tbody>
<tr>
<td>PLP050-WH</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>PLP050-WW</td>
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<td>PLP050-BL</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>PLP050-RGB/TW</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>PLP100-WH</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>PLP100-WW</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>PLP100-BL</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>PLP100-RGB/TW</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>PLP170-WH</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>PLP170-WW</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>PLP170-BL</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>PLP170-RGB/TW</td>
<td>4</td>
<td>4</td>
</tr>
</tbody>
</table>

---

Stable operation of the pool lights is only guaranteed when the installed cable cross section matches or exceeds the advised values in the shown tables.
VISION Pro is the magnificently designed pool light range with superior light outputs. All in one lamps with tunable whites and fixed colours including dynamic scenarios. Fitted with the Quick Connect™, extremely reliable and easy to mount connector. Dedicated VISION Wall Conduits make ultra-flat fitting possible. Great to use with the optional LINK Controller and LINK Master for full control.

**FEATURES & BENEFITS**
- 3 available diameters: 50, 100 and 170 mm
- Can be installed in most 1 1/2" wall conduits
- The 170 mm version is fully compatible with PAR56 niches
- LED lifetime up to: 50,000 hours
- Resin filled NoAir™ housing: impossible for water to infiltrate in the light
- The use of high quality polymers makes the light compatible with salt electrolysis
- Detachable 4 m rubber cable included
- 12 VAC / 2-wire
- All in one lamps with programmable white and RGB colour modes with smooth transitions
- Dimming possibility
- Domotic RS485 or DMX512 with LINK Controller or LINK Master
- The VISION Pro RGBW lights are part of the DuraLink™ connected product range
- Very wide beam angle to avoid shaded zones in the pool
- A wide selection of VISION Face Plates available for personalization
- Easy to install due to features like QuickConnect™, PressFit™ and ClickOn™

**Part of the DuraLink™ connected product range**

---

**VISION Pro Specifications**

**DVP050-RGBW**
- Ø50 mm
- RGBW
- 1850 lm
- 40 W
- € 385,00

**DVP100-RGBW**
- Ø100 mm
- RGBW
- 4875 lm
- 105 W
- € 585,00

**DVP170-RGBW**
- Ø170 mm
- RGBW
- 9750 lm
- 210 W
- € 885,00

---

“The VISION Pro pool lights can be operated wirelessly with LINK Touch.”

---

VISION Pro is the magnificently designed pool light range with superior light outputs. All in one lamps with tunable whites and fixed colours including dynamic scenarios. Fitted with the Quick Connect™, extremely reliable and easy to mount connector. Dedicated VISION Wall Conduits make ultra-flat fitting possible. Great to use with the optional LINK Controller and LINK Master for full control.

**FEATURES & BENEFITS**
- 3 available diameters: 50, 100 and 170 mm
- Can be installed in most 1 1/2" wall conduits
- The 170 mm version is fully compatible with PAR56 niches
- LED lifetime up to: 50,000 hours
- Resin filled NoAir™ housing: impossible for water to infiltrate in the light
- The use of high quality polymers makes the light compatible with salt electrolysis
- Detachable 4 m rubber cable included
- 12 VAC / 2-wire
- All in one lamps with programmable white and RGB colour modes with smooth transitions
- Dimming possibility
- Domotic RS485 or DMX512 with LINK Controller or LINK Master
- The VISION Pro RGBW lights are part of the DuraLink™ connected product range
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- A wide selection of VISION Face Plates available for personalization
- Easy to install due to features like QuickConnect™, PressFit™ and ClickOn™

**Part of the DuraLink™ connected product range**
Technical specifications

<table>
<thead>
<tr>
<th>ORDERING CODE:</th>
<th>UNITS</th>
<th>DVP050-RGBW</th>
<th>DVP100-RGBW</th>
<th>DVP170-RGBW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light colour:</td>
<td></td>
<td>RGBW</td>
<td>RGBW</td>
<td>RGBW</td>
</tr>
<tr>
<td>Nominal colour temperature:</td>
<td>K</td>
<td>All colours and Tunable White</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. light output:</td>
<td>lm</td>
<td>1850</td>
<td>4875</td>
<td>9750</td>
</tr>
<tr>
<td>Beam angle:</td>
<td></td>
<td>116</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diameter optic:</td>
<td>mm</td>
<td>50</td>
<td>102</td>
<td>170</td>
</tr>
<tr>
<td>Nominal power:</td>
<td>W</td>
<td>40</td>
<td>105</td>
<td>210</td>
</tr>
<tr>
<td>Nominal input voltage:</td>
<td>VAC</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LED lifetime up to</td>
<td>h</td>
<td>50,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power factor:</td>
<td></td>
<td>&gt; 0.96</td>
<td>&gt; 0.96</td>
<td>&gt; 0.96</td>
</tr>
<tr>
<td>Max. operating temperature:</td>
<td>°C</td>
<td>up to 40</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PREFERRED CONNECTION WITH LINK Controller (see page 110) or LINK Master (see page 112)

- PLP-RBM
- PLP-RBM-560
- DLM-450
- DLM-600

Demo table stand

Create a real-life experience. In the table stand you can mount VISION Pro 050/100/170 lamps and the VISION Face Plates of your choice. The table stand is fitted with a 12 VAC transformer with push ON-button. Multiple pushes will show the different colour programs for the RGBW lamps.

DEMO-01

- Functional table stand for VISION Pro
- VISION Wall Conduit PZA-WTM-S included
- Table display included
- 12 VAC transformer included
- Light source and VISION Face Plate to be ordered separately
- € 95,00

Retrofit assembly

PAR56 Retrofit Solution with VISION Pro.
DVP170-RGBW

ORDERING CODE:

- DVP050-RGBW
- DVP100-RGBW
- DVP170-RGBW

Parasite content:

- Light source:
- VISION Face Plate:

Functionality:

- Light colour: RGBW
- Nominal colour temperature: All colours and Tunable White
- Max. light output: 1850 lm, 4875 lm, 9750 lm
- Beam angle: 116°
- Diameter optic: 50 mm, 102 mm, 170 mm
- Nominal power: 40 W, 105 W, 210 W
- Nominal input voltage: 12 VAC
- LED lifetime up to: 50,000 hours
- Power factor: > 0.96
- Max. operating temperature: up to 40 °C

PREFERRED CONNECTION WITH LINK Controller (see page 110) or LINK Master (see page 112):

- PLP-RBM
- PLP-RBM-560
- DLM-450
- DLM-600

Create a real-life experience. In the table stand you can mount VISION Pro 050/100/170 lamps and the VISION Face Plates of your choice. The table stand is fitted with a 12 VAC transformer with push ON-button. Multiple pushes will show the different colour programs for the RGBW lamps.

DEMO-01

- Functional table stand for VISION Pro
- VISION Wall Conduit PZA-WTM-S included
- Table display included
- 12 VAC transformer included
- Light source and VISION Face Plate to be ordered separately
- € 95,00

Retrofit assembly

PAR56 Retrofit Solution with VISION Pro.
DVP170-RGBW
What you need

step 1
Choose your VISION Pro light:
1. Ø 50mm
2. Ø 100mm
3. Ø 170mm

step 2
Choose the suitable type of VISION Wall Conduit
4. For a concrete wall with straight or vertical* cable connection
5. For a thin wall with straight or vertical* cable connection
   * Internal cable gland for water tight sealed cable connection suitable for infinity pools

step 3
Choose one of the VISION Face Plates to give a personal touch to your pool

There are also 3 types of stainless steel VISION Face Plates exclusively for DVP050-RGBW

step 4
Overview final assembly

How to assemble

Installing the VISION Wall Conduit
- Easy fixing of cable gland
- Easy guiding of cables with cable puller

Easy fixing of VISION Face Plates with the tool set

Easy to install due to features like QuickConnect™

System assembly PZA-WTM-SS
Tool set: a ‘must have’ when installing the VISION Wall Conduits and VISION Face Plates
High quality reinforced PVC flex tube and Viton O ring
QuickConnect™, extremely reliable and easy to mount connector

Installing the VISION Wall Conduit
- Easy fixing of cable gland
- Easy guiding of cables with cable puller

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System assembly PZA-WTM-SS
Tool set: a ‘must have’ when installing the VISION Wall Conduits and VISION Face Plates
High quality reinforced PVC flex tube and Viton O ring
QuickConnect™, extremely reliable and easy to mount connector
Nearly invisible ‘Ultra Flat’ installation of DVP050 lights(*)

How to assemble

**step 1**
Start with the DVP050-RGBW light

**step 2**
Choose the suitable type of VISION Wall Conduit

1. For a concrete wall with straight or vertical* cable connection
2. For a thin wall with straight or vertical* cable connection
   * Internal cable gland for water tight sealed cable connection suitable for infinity pools

**step 3**
Choose the finish of your flange:

1. White - included in your kit
2. Stainless steel - to be ordered separately:
   PZA-WG-RSS
   € 65,00

**step 4**
Final assembly

1. Concrete wall with white flange or stainless steel flange
2. Thin wall with white flange or stainless steel flange

(*) Not suitable for liner pools

Installing the flange and DVP050 light
Install the flange in your VISION Wall Conduit by using the tool set 1 (513-0151)

513-0151
Easy fixing of cable gland
Easy guiding of cables with cable puller
€ 26,00

PressFit™

Removing DVP050 light
When needed, the DVP050 light is removed from the flange by using the tool set 2 (516-0142)

516-0142
Easy removing of DVP050 light from flange
€ 27,00
Wiring instructions

SETUP 1

Each lamp is connected to the transformer by a separate cable

<table>
<thead>
<tr>
<th>LAMP TYPE</th>
<th>SELECT CABLE CROSS SECTION &amp; MAXIMUM LENGTH</th>
<th>VA transformer (12 VAC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVP050-RGBW</td>
<td>1.5 mm² 2.0 mm² 2.5 mm² 3.0 mm² 4.0 mm²</td>
<td>52 VA</td>
</tr>
<tr>
<td>DVP100-RGBW</td>
<td>7.0 mm² 12.0 mm² 19.0 mm² 29.0 mm² 48.0 mm²</td>
<td>137 VA</td>
</tr>
<tr>
<td>DVP170-RGBW</td>
<td>3.0 mm² 6.0 mm² 9.0 mm² 14.0 mm² 24.0 mm²</td>
<td>273 VA</td>
</tr>
</tbody>
</table>

Stable operation of the pool lights is only guaranteed when the installed cable cross section matches or exceeds the advised values in the shown table.

SETUP 2

All lamps are connected to the transformer via 1 cable

<table>
<thead>
<tr>
<th>LAMP TYPE</th>
<th>SELECT CABLE CROSS SECTION &amp; MAXIMUM LENGTH</th>
<th>VA transformer (12 VAC)</th>
</tr>
</thead>
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<tr>
<td>DVP050-RGBW</td>
<td>1 32 m 51 m 77 m 128 m 52 VA</td>
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</tr>
<tr>
<td></td>
<td>2 16 m 26 m 33 m 64 m 104 VA</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 11 m 17 m 26 m 43 m 156 VA</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4 8 m 13 m 19 m 32 m 208 VA</td>
<td></td>
</tr>
<tr>
<td>DVP100-RGBW</td>
<td>1 12 m 19 m 29 m 48 m 137 VA</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 6 m 10 m 15 m 24 m 273 VA</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 4 m 6 m 10 m 16 m 410 VA</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4 3 m 5 m 7 m 12 m 546 VA</td>
<td></td>
</tr>
<tr>
<td>DVP170-RGBW</td>
<td>1 6 m 9 m 14 m 24 m 273 VA</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 3 m 5 m 7 m 12 m 546 VA</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 2 m 3 m 5 m 8 m 819 VA</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4 2 m 3 m 4 m 6 m 1092 VA</td>
<td></td>
</tr>
</tbody>
</table>

Stable operation of the pool lights is only guaranteed when the installed cable cross section matches or exceeds the advised values in the shown table.

Separate cable (not included)

Always use a toroidal transformer

This setup is not preferred
Because there are many types of pools and materials, the DURAVISION family offers a wide range of VISION Wall Conduits for any kind of application. In most conduits the internal cable gland keeps the cable tube dry and allows for cable replacement. The inside of our conduits can hold a cable long enough to reach above the surface of the water, changing a light has never been easier. Check out the rugged and indestructible stainless steel conduit.
DVP050 WALL CONDUITS

A nearly invisible installation of your pool lights is possible with these VISION Wall Conduits. Purely designed for the DVP050-RGBW lamps with superior light output. The thickness of the special flange is only 3,5mm. Meaning the lamps can be ‘Ultra Flat’ fitted. For the best match with the style of your pool, you can fit the optional stainless steel flange. Creating the elegant high-end look & feel.

Ultra Flat installation with DVP050

These VISION Wall Conduits are for DVP050 lights only. A white flange is included. A stainless steel flange can be ordered additionally as an optional finish.

‘Ultra Flat’ installation, VISION Wall Conduits for Polyester, Metal, Wooden Wall Pools

‘Ultra Flat’ installation, VISION Wall Conduits for Concrete, Stone Wall, Mosaic Pools

Wall conduit to flex tube 25 mm or cable
Internal cable gland
Cable connection suitable for infinity pools
High quality flex tube included
€ 38,00

Wall conduit to glue Ø 50 - 63 mm PVC pipe
€ 38,00

Stainless steel flange
€ 65,00

<table>
<thead>
<tr>
<th>INCLUDED</th>
<th>OPTIONAL</th>
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<tr>
<td></td>
<td>PZA-WG-RSS</td>
</tr>
<tr>
<td></td>
<td>Stainless steel flange</td>
</tr>
</tbody>
</table>

SEE PAGE 41
A wide selection of VISION Face Plates is available for the VISION Spectra, VISION Adagio Pro and VISION Pro to offer you the opportunity to give a personal touch to your pool.

**FEATURES & BENEFITS**
- Available in stainless steel and high quality technical polymer
- Extensive colour range
- Different designs

**ORDERING CODE**
(sold & packaged by multiples of 6 pieces)

<table>
<thead>
<tr>
<th>Code</th>
<th>Size</th>
<th>Model</th>
<th>Col. code (Colour)</th>
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<td>P2A</td>
<td>Ø 50</td>
<td>RA</td>
<td>WH White</td>
</tr>
<tr>
<td>100</td>
<td>Ø 100</td>
<td>DG</td>
<td>Dark grey</td>
</tr>
<tr>
<td>170</td>
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<td>Ø 100</td>
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<td>Black</td>
</tr>
<tr>
<td>SS</td>
<td>Ø 100</td>
<td></td>
<td>Stainless steel</td>
</tr>
</tbody>
</table>

**Matching pool styles – VISION Face Plates**
DURAVISION pool lights are aesthetically completed with top-of-the-range VISION Face Plates. Available for all sizes of pool lamps (Ø50/100/170 diameter). Multiple models and shapes of VISION Face Plates are available to offer a customized solution for your pool. Options include streamlined shapes with or without a relief pattern made of stainless steel or high quality technical polymer in a very extensive colour range.
VISION Face plates

DVP050 VISION FACE PLATES
With excellence in mind, this collection of stainless steel VISION Face Plates has exclusively been made available for the DVP050-RGBW lamp.

FEATURES & BENEFITS
- Available in stainless steel
- Designed for DVP050 lights only

ClickOn™ Ultra Flat Shape

"Specially designed for the superior VISION Pro ‘DVP050-RGBW’ lights"

PZA050-RR-SS
ขนาด Ø 50: € 51,00

PZA050-RS-SS
ขนาด Ø 50: € 51,00

PZA050-RP-SS
ขนาด Ø 50: € 51,00

SEE PAGE 41
DURAVISION is much more than a range of lights. Our engineers have developed a number of solutions in order for you to be able to replace old school lights by modern technology or replace broken lights of no longer existing manufacturers with here-to-stay light sources.

LED saving energy – special Retrofit application (for PAR56)

You are the proud owner of a swimming pool but it is still equipped with classic lamps or worse, a lighting system that no longer operates. On top of that, classic pool lights also consume a lot of energy. House of DURATECH has developed a solution to help solve this problem. It is simply a matter of replacing the old PAR56 light with the Retrofit system. The Retrofit systems are complete and contain all necessary components.

Enjoy a fantastic upgrade of your pool!

“Changing to LED lighting gave our pool a totally new dimension.”
Setup options

**Setup 1**
**Standard Retrofit Solution**

1. **MOONLIGHT Ø 170**
   - PLS300B-RGB: € 160,00
   - PLS400B-RGB: € 195,00
   - PLS700B-RGB: € 265,00
   - PLS170B: € 205,00
   - PLW300B-WW: € 160,00
   - PLW400B-WH: € 195,00
   - PLW700B-WW: € 265,00
   - PLW170B: € 115,00

2. **SPECTRA Ø 170**
   - DVS170-RGB: € 345,00
   - DVM170-RGB: € 154,00
   - DVS170-TW: € 305,00
   - DVS170-WH: € 270,00
   - DVM170-WH: € 115,00

3. **ADAGIO PRO Ø 170**
   - PLP170-RGB: € 595,00
   - PLP170-WH: € 385,00
   - PLP170-WW: € 395,00
   - PLP170-BL: € 435,00
   - PLP170-TW: € 545,00

4. **PRO Ø 170**
   - DVP170-RGBW: € 885,00

5. **PZS170-MTS**
   - Set of 2 clamps: € 42,00

**Setup 2**
**Adapter clamps for MTS niche**

6. **PRO Ø 100**
   - DVP100-RGBW: € 585,00

7. **ADAGIO PRO Ø 100**
   - PLP100-RGB: € 475,00
   - PLP100-WH: € 265,00
   - PLP100-WW: € 275,00
   - PLP100-BL: € 305,00
   - PLP100-TW: € 435,00

8. **SPECTRA Ø 100**
   - DVS100-RGB: € 265,00
   - DVS100-TW: € 230,00
   - DVS100-WH: € 200,00
   - DVM100-WH: € 99,00

9. **ADAGIO PRO Ø 100**
   - PLP100-RGB: € 475,00
   - PLP100-WH: € 265,00
   - PLP100-WW: € 275,00
   - PLP100-BL: € 305,00
   - PLP100-TW: € 435,00

10. **PRO Ø 100**
    - DVP100-RGBW: € 585,00

11. **PZ100-MTS**
    - Set of 2 clamps: € 42,00

**Setup 3**
**Adapter Plate for Aqua Delight niche**

12. **PZA-KAD**
    - Aqua delight adapter to mount Adagio Pro or Spectra lights: € 44,00

13. **ADAGIO PRO Ø 100**
    - PLP100-RGB: € 475,00
    - PLP100-WH: € 265,00
    - PLP100-WW: € 275,00
    - PLP100-BL: € 305,00
    - PLP100-TW: € 435,00

14. **SPECTRA Ø 100**
    - DVS100-RGB: € 265,00
    - DVS100-TW: € 230,00
    - DVS100-WH: € 200,00
    - DVM100-WH: € 99,00

15. **ADAGIO PRO Ø 100**
    - PLP100-RGB: € 475,00
    - PLP100-WH: € 265,00
    - PLP100-WW: € 275,00
    - PLP100-BL: € 305,00
    - PLP100-TW: € 435,00

16. **PRO Ø 100**
    - DVP100-RGBW: € 585,00

17. **PZ100-MTS**
    - Set of 2 clamps: € 42,00

**Setup 4**
**Direct Wall Mounting**

18. **PZA100-RY-WH**
    - Direct wall mounting set: € 34,00

19. **PZA-KAD**
    - Aqua delight adapter to mount Adagio Pro or Spectra lights: € 44,00
DURAHEAT heat pumps are highly efficient and economical as more than 80% of the energy is taken from the ambient air. Only the best materials, like ABS and Titanium, are used for the heat exchanger making the DURAHEAT heat pumps corrosion and chlorine resistant. The low sound rotary or scroll compressor and a two-speed fan make them among the quietest on the market. The smartly designed unit also guarantees easy installation. The integrated microprocessor monitors all sensors and commands the device without requiring any intervention. All DURAHEAT heat pumps come with electronic display and controls for easy operation.

The coefficient of performance is a number that provides an indication of the efficiency of a heat pump. To calculate the COP of a heat pump, the heat output from the condenser is compared to the power supplied to the compressor & fan. Higher COPs result in a higher efficiency and a lower operating cost.

We take great care in making our heat pumps as silent as possible. The number provides an indication of the noise level in dBA produced by the heat pump.

Some pumps are capable of heating; others can also cool down the water temperature. You’ll find the all seasons operations indication for pumps that can be used all year round.

Every heat pump has a ‘Minimum Operating Temperature’ at which the efficiency can still be guaranteed.

Part of the DuraLink™ connected product range.
Introduction

Heat pumps are sized to match the required heating (kW) for the swimming pool. Often the mistake is being made of installing an under-sized unit, meaning a heat pump with insufficient heat output (kW). Under-sized heat pumps must operate longer in order to heat up your swimming pool, or will not even be able to reach the set point temperature. These longer run times translate to decreased efficiency and higher operating costs.

Use the chart to approximate the size of heat pump you need to heat your swimming pool efficiently.

<table>
<thead>
<tr>
<th>HEAT PUMP TYPE</th>
<th>HOT SPLASH</th>
<th>SUN SPRING</th>
<th>DURA V</th>
<th>DURA VI</th>
<th>DURA+i</th>
<th>DURA PRO</th>
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<tbody>
<tr>
<td>MAX. POOL VOLUME* (m³)</td>
<td></td>
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</tr>
<tr>
<td>615 m³</td>
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<tr>
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<td>DURAPRO</td>
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<td>130 m³</td>
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<td>95 m³</td>
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<td>45 m³</td>
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<td>15 kW</td>
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<td>30 m³</td>
<td></td>
<td>10 kW</td>
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<tr>
<td>20 m³</td>
<td></td>
<td>9,8 kW</td>
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<tr>
<td>12 m³</td>
<td></td>
<td>13 kW</td>
<td></td>
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<tr>
<td>10 m³</td>
<td></td>
<td>10</td>
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</tbody>
</table>

COP UP TO: 6 5,6 7,6 14,6 16,5 13,5

**INFO ON PAGE:** 66 68 72 76 80 84

*DuraLink™ connected product range

* Air 27 °C / Water 26 °C / RH 80%
** Based on covered pool with reasonable heat-losses
Plug and play: trendsetter for above ground pools for a playful summer with kids

Children love playing in the water but they quickly get cold. In order to guarantee hours of fun, House of DURATECH has developed the ideal solution: the HEAT Hot Splash and HEAT Sun Spring heat pumps. Both models are easy to acquire in your pool shop. No complicated connections and no need for tools thanks to the clever Plug and Play system. Connect the pipes of your filter pump to the in- and outlet of your heat pump. Finish the installation by putting the power plug – equipped with a fuse – in a power socket. The heating process can now start. When the swimming season is over, drain the heat pump of excess water and store it in your garage or garden shed. Have you forgotten to remove the excess water from your device? Do not panic! The heat pump is equipped with the unique NoFrost™ system that avoids freezing. Hours of warm water fun for you and your family even if the weather is cloudy.

The HEAT Hot Splash is the world’s smallest plug & play heat pump for above ground pools and is compatible with all the market leading brands available.

FEATURES & BENEFITS
- Extreme compact and lightweight
- Very small footprint
- Easy to install and use: RCD plug and intuitive control panel
- Corrosion proof titanium heat exchanger and polymer casing
- Colourful and unique design to blend in with your above ground pool

HEAT Hot Splash

The HEAT Hot Splash is the world’s smallest plug & play heat pump for above ground pools and is compatible with all the market leading brands available.

“Collect, install and enjoy. It doesn’t get easier.”
HEAT Sun Spring

The HEAT Sun Spring is the ideal solution for above ground pools (up to 45 m³) and exists in 4 different models (5, 7, 10 and 14 kW heat output capacity).

FEATURES & BENEFITS
- Small installation footprint due to vertical fan design
- Easy to install and use
- RCD plug and intuitive control panel with colour display
- Corrosion proof titanium heat exchanger and polymer casing
- Universal union kit included: glue fitting and hose tail connection
- Aesthetic and robust design that blends in with your pool perfectly

"Our heated pool is simply a leap above the rest"

Plug and play:
Compact heat pump, for above ground swimming pools, that you can connect yourself. More information on these systems is available in our article “Plug and play: trendsetter for above ground pools for a playful summer with kids”

SEE PAGE 67

Sun Spring

SUN05
4.85 kW
230 VAC
1-phase
12 m³
€ 906,00

SUN07
6.7 kW
230 VAC
1-phase
20 m³
€ 1,106,00

SUN10
10.1 kW
230 VAC
1-phase
30 m³
€ 1,442,00

SUN14
14.1 kW
230 VAC
1-phase
45 m³
€ 1,799,00
### Technical specifications

**ORDERING CODE:**

<table>
<thead>
<tr>
<th>UNITS</th>
<th>HS35</th>
<th>SUN05</th>
<th>SUN07</th>
<th>SUN10</th>
<th>SUN14</th>
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<td>30</td>
<td>45</td>
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<td>12</td>
<td>20</td>
<td>30</td>
<td>45</td>
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</tbody>
</table>

**Pool volume up to:**

| m³   | 12   | 12    | 20    | 30    | 45    |

**Minimum operating air temperature:**

| °C   | 10   | 8     | 8     | 8     | 8     |

**Performance condition 1: Air 27°C / Water 26°C / RH 80%**

| > Heating capacity: | kW   | 3,35  | 4,85  | 6,7   | 10,1  | 14,1  |
| > COP:              |      | 6     | 4,75  | 5,6   | 5,2   | 5,45  |

**Performance condition 2: Air 15°C / Water 26°C / RH 80%**

| > Heating capacity: | kW   | 2,65  | -     | -     | -     | -     |
| > COP:              |      | 5,1   | -     | -     | -     | -     |

**Power input:**

| kW   | 0,56  | 0,8   | 1,05  | 1,7   | 2,91  |

**Maximum power input:**

| kW   | 2,55  | 4,7   | 5,3   | 8,6   | 11,5  |

**Nominal current:**

| A    | 2,55  | 4,7   | 5,3   | 8,6   | 11,5  |

**Maximum current:**

| A    | 3     | -     | -     | -     | -     |

**Power supply:**

| 230 V / 50 Hz / 1 Phase |

**Compressor type:**

| Rotary |

**Condenser:**

| Titanium Heat Exchanger |

**Refrigerant:**

| R32  | R410A |

**Refrigerant weight:**

| kg   | 0,35  | 0,6   | 0,9   | 0,9   | 1,3   |

**Fan direction:**

| horizontal | vertical |

**Air flow:**

| m³/h | 700   |

**Fan power input:**

| W    | 70    | 70    | 80    | 80    | 80    |

**Fan rotary speed:**

| RPM  | 950   | 950   | 1200  | 1200  |

**Noise at 10m:**

| dB(A) | 55    | 36    | 37    | 40    | 41    |

**Water connection:**

| mm   | 32    | 38    | 38    | 38    | 38    |

**Nominal water flow:**

| m³/h | 2     | 3 - 12 | 4 - 12 | 5 - 12 | 5 - 12 |

**Water pressure drop (max):**

| kPa  | 11    | 13    | 15    | 15    |

**Unit net dimensions (L*W*H):**

| mm   | 290*310*370 | 458*472*530 | 458*472*790 |

**Unit shipping dimensions (L*W*H):**

| mm   | 310*360*385 | 500*510*580 | 500*510*860 |

**Net weight:**

| kg   | 15    | 27    | 29    | 37    | 43    |

**Shipping weight:**

| kg   | 16    | 28    | 30    | 39    | 45    |

* pool volume based on an entirely insulated pool with cover, free from wind and exposed to the sun

---

**How does a heat pump work?**

A heat pump uses the same principle as an air conditioner however the other way around. An air conditioner provides cool air; a heat pump emits heat. But how does a heat pump actually work?

1. A fan draws in the ambient air over the evaporator.
2. The warmth in the air is then transferred to a circuit filled with eco-friendly gas.
3. A built-in compressor heats the gas to a very high temperature.
4. In the heat exchanger, the gas transfers its heat to the pool water.
5. The gas becomes liquid again and flows back to the evaporator where this process starts again.

The use of a heat pump is therefore extremely environmentally friendly. You save a lot of energy because the COP value (Coefficient of Performance) equals 5 or even higher. This means that per 1 kW of electricity consumed, you regain at least 5 kW of heat. Because of the high return, it is an energy-efficient solution to enjoy a pleasant swimming pool temperature all year round. The surface area of the pool and the water volume that needs to be heated will determine the choice of your DURAHEAT heat pump. Also take into account the positioning with respect to the sun, exposure to wind and the type of pool cover. Always install your heat pump outside so that the air extraction can flow freely. Various models are available with either horizontal or vertical airflow.

Tip: ensure that your swimming pool is properly covered when not in use. This way you will avoid heat loss due to evaporation of the water surface.
The leading-edge engineered HEAT Dura V heat pumps are superb ‘on/off’ models that can achieve a COP of 7 and more. They have an innovative vertical design and are equipped with excellent components. Capable of heating pools and spas all year round. 3 models are available from 10-20 kW.

**FEATURES & BENEFITS**
- COP up to 7.6
- Easy to use digital control panel
- Low noise two speed fan
- Titanium heat exchanger
- Operate down to -10 °C ambient air temperature
- NoFrost™
- HotDeFrost™
- FullFlow™
- CondensFlux™
- LINK Touch control

<table>
<thead>
<tr>
<th>Model</th>
<th>Output kW</th>
<th>Voltage</th>
<th>Phase</th>
<th>Capacity m³</th>
<th>Price €</th>
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<tbody>
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<td>230 VAC</td>
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<tr>
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<td>230 VAC</td>
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<td>2,280,00</td>
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<td>1-phase</td>
<td>80</td>
<td>3,040,00</td>
</tr>
</tbody>
</table>

Endless swimming season with the heat pump that fits your pool

Part of the DuraLink™ connected product range
### Technical specifications

<table>
<thead>
<tr>
<th>ORDERING CODE:</th>
<th>UNITS</th>
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<th>DURA-V15</th>
<th>DURA-V20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pool volume up to:</td>
<td>m³</td>
<td>40</td>
<td>60</td>
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<td>°C</td>
<td>15/40</td>
<td></td>
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<tr>
<td>Performance condition 1: Air 27 °C / Water 26 °C / RH 80%</td>
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</tr>
<tr>
<td>&gt; Heating capacity:</td>
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<td>15</td>
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</tr>
<tr>
<td>&gt; Power input:</td>
<td>kW</td>
<td>1.4</td>
<td>2.15</td>
<td>2.85</td>
</tr>
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<td>&gt; COP:</td>
<td></td>
<td>7.6</td>
<td>7</td>
<td>7</td>
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<tr>
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<tr>
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</tr>
<tr>
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<td>Maximum current:</td>
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<tr>
<td>Electronic controller:</td>
<td></td>
<td>DuraLink™ ready with colour LCD</td>
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</tr>
<tr>
<td>Condensor:</td>
<td></td>
<td>Titanium Heat Exchanger / NoFrost™</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Compressor type:</td>
<td></td>
<td>Rotary</td>
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<tr>
<td>Compressor quantity:</td>
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<td></td>
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<td>Refrigerant:</td>
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<td>R32</td>
<td>R32</td>
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<td>Fan quantity:</td>
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<td>Fan power input:</td>
<td>W</td>
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<td>Fan rotary speed:</td>
<td>RPM</td>
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<td>700 - 900</td>
<td>700 - 900</td>
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<td>Fan direction:</td>
<td></td>
<td>Vertical</td>
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<td></td>
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<tr>
<td>Noise at 10m:</td>
<td>dB(A)</td>
<td>23 - 43</td>
<td>24 - 43</td>
<td>24 - 43</td>
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<tr>
<td>Water connection:</td>
<td>mm</td>
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<td>63</td>
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<tr>
<td>Water flow range:</td>
<td>m³/h</td>
<td>3 - 20</td>
<td>5 - 20</td>
<td>7 - 20</td>
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<tr>
<td>Water pressure drop (max):</td>
<td>kPa</td>
<td>Full Flow</td>
<td></td>
<td></td>
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<tr>
<td>Unit net dimensions (L<em>W</em>H):</td>
<td>mm</td>
<td>730/760/810</td>
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</tr>
<tr>
<td>Unit shipping dimensions (L<em>W</em>H):</td>
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<td>Shipping weight:</td>
<td>kg</td>
<td>68</td>
<td>73</td>
<td>76</td>
</tr>
</tbody>
</table>

* pool volume based on an entirely insulated pool with cover, free from wind and exposed to the sun

---

### DURAHEAT: different features explained

**FullFlow™**: ensures maximum water flow through your heat pump. It is no longer necessary to install a bypass to regulate the flow of water. This is a definite installation advantage applicable to almost all DURAHEAT heat pumps.

**Plug and play**: compact heat pumps, for above ground swimming pools, that you can connect yourself. More information on these systems is available in our article “Plug and play: trendsetter for above ground pools for a playful summer with kids” on page 67.

**NoFrost™**: technology and materials used to ensure that your heat pump does not freeze during winter should you have forgotten to drain the excess water. You will avoid unnecessary costs and at springtime you won’t have to wait for your installer to fix the problem before being able to enjoy the swimming season.

**HotDefrost™**: revolutionary technology that removes frost without cooling off the water of your pool. In about 3 minutes, the outer housing of your heat pump is automatically defrosted. Ideal for Jacuzzis and smaller pool volumes as it prevents abrupt cooling which is a well-known issue with traditional defrosting systems.

**No corrosion housing**: all the components of the DURAHEAT heat pumps are made exclusively from non-corroding materials and guarantee a longer lifespan.

**CondensFlux™**: many models of the DURAHEAT heat pumps are equipped with a smart design that gathers condensed water from the heat pump housing in one place and drains it via a small pipe. This way you avoid a water-puddle around your pump that could be mistaken for a leak.

**Vertical heat pumps**: these heat pumps are more efficient compared to horizontal heat pumps. They make less noise and require less space in terms of configuration with regard to the airflow. The design of the heat pump housing looks much nicer.

**DuraLink™**: the HEAT Dura V, Dura Vi, Dura+i, and Dura Pro heat pumps are part of the DuraLink™ connected product range and can be operated wirelessly via the LINK Touch remote system.
The leading-edge engineered HEAT Dura Vi heat pumps are superb ‘Step Less Full Inverter’ models which can achieve a COP of 13 and more. They have an innovative vertical design and are equipped with excellent components. This pump is capable of heating pools and spas all year round. 3 models are available from 11-20 kW.

FEATURES & BENEFITS

- COP up to 13.9
- Easy to use digital control panel
- Low noise two speed fan
- Titanium heat exchanger
- Operate down to -10 °C ambient air temperature
- NoFrost™
- HotDefrost™
- FullFlow™
- CondensFlux™
- LINK Touch control

Part of the DuraLink™ connected product range

---

Last spring we installed an inverter heat pump. It is programmed to a constant swimming temperature of 28°C and we are enjoying our pool fully at any time of the day.

---

DURA-V11i
11.4 kW
230 VAC
1-phase
30 - 60 m³
€ 2,620,00

DURA-V15i
16 kW
230 VAC
1-phase
40 - 75 m³
€ 2,958,00

DURA-V20i
20 kW
230 VAC
1-phase
50 - 90 m³
€ 3,431,00
## Technical specifications

<table>
<thead>
<tr>
<th>ORDERING CODE:</th>
<th>UNITS</th>
<th>DURA-V11i</th>
<th>DURA-V15i</th>
<th>DURA-V20i</th>
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<td>40 - 75</td>
<td>50 - 95</td>
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<td>-10 / 40</td>
<td>-10 / 40</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>&gt; Heating capacity: kW</td>
<td></td>
<td>3.0 - 11.4</td>
<td>4.0 - 16</td>
<td>4.5 - 20</td>
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<td>0.32 - 3.6</td>
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<td>13.7 - 6.2</td>
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<td>Performance condition 2: Air 15°C / Water 26°C / RH 70%</td>
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<td>2.1 - 8.8</td>
<td>11.8</td>
<td>4 - 17.5</td>
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<td>0.7 - 3.6</td>
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<td>7.7 - 4.9</td>
<td>7.3 - 4.6</td>
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<td>2 - 13</td>
<td>1.6 - 17</td>
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<td>Maximum current: A</td>
<td></td>
<td>16</td>
<td>16</td>
<td>20</td>
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<td>Power supply:</td>
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<td>230 V / 50 Hz / 1 Phase</td>
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<tr>
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<td>DuraLink™ ready with colour LCD</td>
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<tr>
<td>Condenser:</td>
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<td>Titanium Heat Exchanger / NoFrost™</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Compressor type:</td>
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<td>Rotary</td>
<td></td>
<td></td>
</tr>
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<td>Compressor quantity:</td>
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<td>1</td>
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<td>Refrigerant:</td>
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<td>0.80</td>
<td>0.93</td>
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<td>Pressure gauge: Display</td>
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<tr>
<td>Fan quantity:</td>
<td></td>
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<td>1</td>
<td>1</td>
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<td>Fan power input: W</td>
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<td>120</td>
<td>120</td>
<td>120</td>
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<td>Fan rotary speed: RPM</td>
<td></td>
<td>700 - 900</td>
<td>700 - 900</td>
<td>700 - 900</td>
</tr>
<tr>
<td>Fan direction:</td>
<td></td>
<td>Vertical</td>
<td></td>
<td></td>
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<tr>
<td>Noise at 10m: dBA</td>
<td></td>
<td>25 - 49</td>
<td>27 - 47</td>
<td>23 - 46</td>
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<tr>
<td>Water connection: mm</td>
<td></td>
<td>63</td>
<td>63</td>
<td>63</td>
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<tr>
<td>Water flow range: m³/h</td>
<td></td>
<td>3 - 20</td>
<td>4 - 20</td>
<td>5 - 20</td>
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<tr>
<td>Water pressure drop (max): kPa</td>
<td></td>
<td>Full Flow</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit net dimensions (L<em>W</em>H): mm</td>
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<td>750/760/810</td>
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<td></td>
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<td>Unit shipping dimensions (L<em>W</em>H): mm</td>
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<td>Net weight: kg</td>
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<td>Shipping weight: kg</td>
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<td>68</td>
<td>69</td>
<td>61</td>
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</tbody>
</table>

* pool volume based on an entirely insulated pool with cover, free from wind and exposed to the sun

### On/off versus inverter heat pump

The heating capacity of a heat pump is crucial to maintain a constant pool water temperature. To achieve this, you can choose between a DURAHEAT heat pump with inverter technology or with an on/off system. Inverter technology makes it possible to reach high COPs regardless of the ambient temperature. This technology controls the speed of the fan and the compressor. By running it in "boost" mode, you can achieve the desired temperature within a short lapse of time. Once the water temperature is reached, the heat pump runs at reduced speed and the water temperature remains constant. As a result, a higher efficiency is achieved and your energy savings are substantial. The inverter heat pumps all have the "soft starter" function. This ensures a gradual start-up with minimal strain on your electrical installation. Inverter technology offers another advantage as the lower speed of the fan and compressor reduce the sound of the heat pump considerably. Another asset that keeps your neighbours at bay… If you opt for an on/off heat pump, the pump will always run at its maximum capacity. As soon as the desired water temperature is reached, the pump switches off, is completely silent and does not consume any energy. From the moment the water temperature drops, the pump switches back on again.
The HEAT Dura+i inverter heat pumps are elegant and devicefully designed, with a whispering sound level. With a maximum efficiency, reaching a COP of 16.5. There are 4 models available from 10-20 kW.

FEATURES & BENEFITS
- Whispering sound level of 16 dB(A)
- COP up to 16.5
- Easy to use digital control panel
- Low noise fan, multi speed fan
- Automatic hot gas defrosting
- Titanium heat exchanger
- Operate down to -10 °C ambient air temperature
- LINK Touch control

Part of the DuraLink™ connected product range.
**Technical specifications**

**ORDERING CODE:**

<table>
<thead>
<tr>
<th>UNITS</th>
<th>DURA+10i</th>
<th>DURA+13i</th>
<th>DURA+18i</th>
<th>DURA+20i</th>
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<tbody>
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<td>30 - 55</td>
<td>40 - 70</td>
<td>50 - 85</td>
<td>60 - 100</td>
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<td>Operating air temperature: °C</td>
<td>-10 x 43</td>
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<tr>
<td>Available operation mode:</td>
<td>Heating &amp; Cooling</td>
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</table>

**Performance condition 1: Air 27 °C / Water 26 °C / RH 80%**

- Heating capacity: kW
- Power input: kW
- COP:

<table>
<thead>
<tr>
<th></th>
<th>DURA+10i</th>
<th>DURA+13i</th>
<th>DURA+18i</th>
<th>DURA+20i</th>
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<tbody>
<tr>
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<td>1,9 - 9,5</td>
<td>2,4 - 13</td>
<td>2,5 - 17,8</td>
<td>3,5 - 20</td>
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<td>&gt; Power input: kW</td>
<td>0,116 - 1,39</td>
<td>0,145 - 1,96</td>
<td>0,0151 - 2,78</td>
<td>0,214 - 3,07</td>
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<tr>
<td>&gt; COP</td>
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<td>16,5 - 6,6</td>
<td>16,5 - 6,4</td>
<td>16,3 - 6,5</td>
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</table>

**Performance condition 2: Air 15 °C / Water 26 °C / RH 70%**

- Heating capacity: kW
- Power input: kW
- COP:

<table>
<thead>
<tr>
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<th>DURA+10i</th>
<th>DURA+13i</th>
<th>DURA+18i</th>
<th>DURA+20i</th>
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</thead>
<tbody>
<tr>
<td>&gt; Heating capacity: kW</td>
<td>1,4 - 7,0</td>
<td>1,6 - 9,1</td>
<td>2,3 - 12,9</td>
<td>2,5 - 14,7</td>
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<td>0,238 - 1,89</td>
<td>0,353 - 2,66</td>
<td>0,357 - 3,19</td>
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<tr>
<td>&gt; COP</td>
<td>6,8 - 4,7</td>
<td>6,7 - 4,8</td>
<td>6,5 - 4,8</td>
<td>7 - 4,6</td>
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</table>

**Performance condition 3: Air 10 °C / Water 26 °C / RH 64%**

- Heating capacity: kW
- Power input: kW
- COP:

<table>
<thead>
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<th>DURA+10i</th>
<th>DURA+13i</th>
<th>DURA+18i</th>
<th>DURA+20i</th>
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<tbody>
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<td>1,2 - 5,5</td>
<td>1,6 - 7,2</td>
<td>2,0 - 9,8</td>
<td>2,6 - 11,3</td>
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<td>&gt; Power input: kW</td>
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<td>0,33 - 2,18</td>
<td>0,40 - 2,80</td>
<td>0,68 - 3,32</td>
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<tr>
<td>&gt; COP</td>
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<td>4,8 - 3,3</td>
<td>4,9 - 3,5</td>
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**Nominal current: A**

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<th>DURA+18i</th>
<th>DURA+20i</th>
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<tbody>
<tr>
<td>230 V / 50 Hz / 1 Phase</td>
<td></td>
<td></td>
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</table>

**Casing type:**

- Aluminium-alloy simulation

**Electronic Controller:**

- DuraLink™ ready with colour LCD

**Condensor:**

- Titanium Heat Exchanger

**Compressor type:**

- Mitsubishi DC Inverter

**Compressor quantity:**

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<th></th>
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<th>DURA+13i</th>
<th>DURA+18i</th>
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**Fan motor type:**

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**Fan speed:**

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<th>DURA+13i</th>
<th>DURA+18i</th>
<th>DURA+20i</th>
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<tbody>
<tr>
<td>400 - 750</td>
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**Fan direction:**

- Horizontal both sides

**Water connection:**

<table>
<thead>
<tr>
<th>mm</th>
<th>DURA+10i</th>
<th>DURA+13i</th>
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<th>DURA+20i</th>
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<tbody>
<tr>
<td>50</td>
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<td></td>
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**Nominal water flow: m³/h**

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<th>DURA+20i</th>
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**Water pressure drop (max): kPa**

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<th>DURA+13i</th>
<th>DURA+18i</th>
<th>DURA+20i</th>
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<td>3</td>
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**Unit net dimensions (L*W*H): mm**

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<tr>
<td>1130x500x910</td>
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<tr>
<td>1235x520x1010</td>
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</table>

**Net weight: kg**

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<thead>
<tr>
<th></th>
<th>DURA+10i</th>
<th>DURA+13i</th>
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<tbody>
<tr>
<td>61</td>
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**Shipping weight: kg**

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<tbody>
<tr>
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**Noise at 10m: dB(A)**

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<tbody>
<tr>
<td>16,5 - 27</td>
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<td>19 - 28,5</td>
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**Air flow:**

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<tr>
<td>2700 - 3200</td>
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<td>4300 - 5000</td>
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**Shipping dimensions (L*W*H): mm**

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<tbody>
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**Net weight: kg**

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**Shipping weight: kg**

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<tbody>
<tr>
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**Noise at 10m: dB(A)**

<table>
<thead>
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<th></th>
<th>DURA+10i</th>
<th>DURA+13i</th>
<th>DURA+18i</th>
<th>DURA+20i</th>
</tr>
</thead>
</table>

* pool volume based on an entirely insulated pool with cover, free from wind and exposed to the sun

---

**Maintaining my heat pump**

Your DURATECH heat pump is as good as maintenance-free. In order to guarantee the proper functioning of your heat pump, we have listed a few useful tips. Make sure that the plants around your heat pump are well pruned and free of leaves. This allows the airflow to circulate optimally.

Your DURATECH heat pump is fitted with a small pipe that drains the condensed water to avoid water-puddles. Check occasionally that other objects do not obstruct the drainpipe. If the evaporator (the air intake grill on the side or at the back of your heat pump) is dirty, it can be cleaned very easily. Dust particles and leaves that have crept between the slats of your evaporator can easily be removed with a vacuum cleaner.

**TIP:** Backwash regularly through your filter pump for optimum water flow. Finally, before hibernating, drain the water from your heat pump and cover it with the matching cover. If in doubt, your installer is always at your disposal should you have any additional questions.
The HEAT Dura Pro is the top range inverter heat pump. Delivering extreme heating performance, effectively combined with high COPs regardless of cooler outside temperatures.

You do not only save energy but can also keep the pool open for all year round swimming when climate permits.

On top of all these benefits you will enjoy the silence thanks to a unique internal ventilation structure that keeps the noise very low, even reaching 25 dB in silent night mode.

HEAT Dura Pro is offered in 5 different models ranging from 12, 17, 21, 25 and 28 T kW.

**FEATURES & BENEFITS**
- Easy to use digital control panel
- Soft start
- Low noise, multi-speed fan
- Automatic hot gas defrosting
- Titanium heat exchanger
- Operates in air temperatures as low as -15 °C
- Capable of heating and cooling, all year round
- Bottom tray heater, prevents ice buildup
- LINK Touch control

Part of the DuraLink™ connected product range

---

The HEAT Dura Pro heat pumps can be operated wirelessly with LINK Touch.

---

DURAPRO-12
12 kW
230 VAC
1-phase
30 - 60 m³
€ 3,215,00

DURAPRO-17
17 kW
230 VAC
1-phase
40 - 75 m³
€ 4,119,00

DURAPRO-21
19.5 kW
230 VAC
1-phase
50 - 95 m³
€ 5,377,00

DURAPRO-25
24.2 kW
230 VAC
1-phase
65 - 120 m³
€ 7,011,00

DURAPRO-28T
28.3 kW
400 VAC
3-phase
90 - 169 m³
€ 7,380,00
### Technical specifications

#### Ordering code:

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<th>DURAPRO-12</th>
<th>DURAPRO-17</th>
<th>DURAPRO-21</th>
<th>DURAPRO-25</th>
<th>DURAPRO-28T</th>
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</thead>
<tbody>
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<td>Pool volume up to*</td>
<td>m³</td>
<td>30 - 60</td>
<td>40 - 75</td>
<td>50 - 96</td>
<td>66 - 120</td>
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<td>°C</td>
<td>-15 ... -43</td>
<td>-15 ... -43</td>
<td>-15 ... -43</td>
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#### Performance condition 1: Air 27 °C / Water 26 °C / Humidity 80%

<table>
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<tr>
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<tr>
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<td>2.85 - 12</td>
<td>9690 - 40800</td>
<td>3.77 - 17</td>
<td>12818 - 57800</td>
<td>4.6 - 19,5</td>
<td>15640 - 66300</td>
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<tr>
<td>Consumed power:</td>
<td>0.21 - 2.12</td>
<td>0.3 - 3.02</td>
<td>0.37 - 3.94</td>
<td>0.46 - 4.8</td>
<td>0.54 - 5.57</td>
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<tr>
<td>COP:</td>
<td>13.57 - 5.66</td>
<td>12.57 - 5.63</td>
<td>12.43 - 4.95</td>
<td>12.39 - 5.04</td>
<td>12.41 - 5.08</td>
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#### Performance condition 2: Air 15°C / Water 26 °C / Humidity 70%

<table>
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<th></th>
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<tbody>
<tr>
<td>Heating capacity:</td>
<td>2.25 - 0.7</td>
<td>7850 - 32980</td>
<td>2.92 - 12.4</td>
<td>9928 - 42160</td>
<td>3.84 - 15.4</td>
<td>13056 - 52360</td>
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<tr>
<td>Consumed power:</td>
<td>0.32 - 2.08</td>
<td>0.44 - 2.86</td>
<td>0.6 - 3.81</td>
<td>0.72 - 4.74</td>
<td>0.83 - 5.49</td>
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<tr>
<td>COP:</td>
<td>7.03 - 4.66</td>
<td>6.64 - 4.34</td>
<td>6.4 - 4.04</td>
<td>6.5 - 4.2</td>
<td>6.58 - 4.24</td>
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#### Performance condition 3: Air 10 °C / Water 26 °C / Humidity 64%

<table>
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<th>Btu</th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Heating capacity:</td>
<td>1.88 - 0.8</td>
<td>6329 - 27000</td>
<td>2.5 - 10.7</td>
<td>8500 - 36800</td>
<td>3.38 - 14.4</td>
<td>11452 - 49960</td>
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<tr>
<td>Consumed power:</td>
<td>0.33 - 1.96</td>
<td>0.45 - 2.64</td>
<td>0.62 - 3.62</td>
<td>0.75 - 4.4</td>
<td>0.87 - 5.1</td>
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</tr>
<tr>
<td>COP:</td>
<td>5.7 - 4.1</td>
<td>5.56 - 4.05</td>
<td>5.45 - 3.98</td>
<td>5.6 - 4.05</td>
<td>5.63 - 4.08</td>
<td></td>
</tr>
</tbody>
</table>

#### Power supply:

- **VAC**: 230 V / 50 Hz
- **Average power input**: kW 0.99
- **Average running current**: A 4.3
- **Current range**: A 0.9 - 9.2
- **Electronic controller**: DuraLink™ ready with colour LCD
- **Compressor quantity**: 1
- **Compressor type**: Rotary
- **Refrigerant**: R32
- **Fan quantity**: 1
- **Fan power input**: W 100
- **Fan rotary speed**: RPM 600 - 800
- **Fan direction**: Horizontal
- **Noise at 10m**: dB(A) 25 - 32
- **Water connection**: mm 50
- **Nominal water flow**: m³/h 4.2
- **Water pressure drop (max)**: kPa 4.5
- **Unit net dimensions (L*W*H)**: mm 1033*549*767
- **Unit shipping dimensions (L*W*H)**: mm 1130*460*790
- **Net weight**: kg 59
- **Shipping weight**: kg 69

#### Notes:

* pool volume based on an entirely insulated pool with cover, free from wind and exposed to the sun
My heat pump was installed in 2011 and has been operating as new ever since.

**WIFI DURAPRO**
- Suitable for HEAT Dura Pro and HEAT Dura+i
- Enables remote control with WIFI App
- € 120,00

**DLD11**
- LINK Dongle
- For “retrofit” use in HEAT Dura Pro Heat pumps
- Enables remote control with LINK Touch
- € 190,00

**ACCS-DURA-023**
- Drip Tray Heated for Dura+i
- Prevents ice buildup at the bottom of the heat pump in extended season operation
- € 113,00

HOUSE of DURATECH offers these HEAT Accessories to add to your new or existing heat pump, and to facilitate the remote control even further.
Readymade cover systems built for evident installations. Giving you on-the-job flexibility to adjust for that specific pool dimension. Sized for easy handling and transport. Part of the DuraLink™ connected product range giving you easy wireless control over all functions of your cover system.

Introduction: what you need .....................92
COVER Wall Duct ......................... 94
COVER Cable Duct ......................... 96
COVER Hanging System .................... 98
Introduction: what you need

The readymade DURACOVER Cover System products are one of a kind. Saving you valuable installation time as no customisation is necessary. Ordering the solution to match your type of pool is all that is needed. The telescopic tube set will easily adapt to the size of your pool. Connect the cover to your choice of LINK Master, for the opening and closing of your cover with the LINK Touch remote control.

Choose the correct DURACOVER solution

Step 1

What is your swimming pool situation?

Building a new swimming pool

- COVER Wall Duct
  - > All type of pools
  - Choose tube width:
    - > 330-450 cm
    - > 430-550 cm

Renovating an existing swimming pool

- COVER Cable Duct
  - > Concrete pool (without liner)
  - Choose tube width:
    - > 330-450 cm

- COVER Hanging System
  - > Retrofit for all pools

Choose the LINK Master to control your DURACOVER

Step 2

- LINK Master
  - Part of the DuraLink™ connected product range
  - DLM - 450
  - DLM - 600

Choose the LINK Touch remote control

Step 3

- LINK Touch
  - Part of the DuraLink™ connected product range
  - DLT10 - RGB
  - DLT10 - TW
The COVER Wall Duct is a readymade cover system to be used for new pool installations. Can be fitted in concrete and brickwork pools or in ‘Thin Wall’ swimming pools. Providing total flexibility with two adjustable tube lengths.

**FEATURES & BENEFITS**

- With two outer and one inner sliding tube to accommodate for any pool width between 3,30 and 5,50 meter
- Telescopic cover system DCW-450 suitable for pools up to 4,50 meter wide, adjustable tube length 330–450 cm
- Telescopic cover system DCW-550 suitable for pools up to 5,50 meter wide, adjustable tube length 430–550 cm
- Flanges and seals for water tight fitting for various pool constructions
- Cutting-edge ball bearing system allows for ONE-MAN installation, and enables detailed adjustments to counter misalignment
- Motor Set 250Nm, with 10 meter cable
- Works with ‘Multi-Brand’ slats

Part of the **DuraLink™** connected product range

<table>
<thead>
<tr>
<th><strong>DCW-450</strong></th>
<th><strong>DCW-550</strong></th>
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</thead>
<tbody>
<tr>
<td>Basic set (*)</td>
<td>Basic set (*)</td>
</tr>
<tr>
<td>Wall Duct set</td>
<td>Wall Duct set</td>
</tr>
<tr>
<td>Tube set 330–450 cm</td>
<td>Tube set 430–550 cm</td>
</tr>
<tr>
<td>Motor set 250Nm</td>
<td>Motor set 250Nm</td>
</tr>
<tr>
<td>€ 3,575,00</td>
<td>€ 3,635,00</td>
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</tbody>
</table>

SEE PAGE 100

Wall Duct brickwork and concrete

Wall Duct “Thin Wall” swimming pool
The COVER Cable Duct is a dedicated cover system for pool renovation projects. Can be used in concrete and brickwork swimming pools. Providing total fitting flexibility with two telescopic tube sets.

**FEATURES & BENEFITS**

- With two outer and one inner sliding tube to accommodate for any pool width between 3,30 and 5,50 meter
- Telescopic cover system DCC-450 suitable for pools up to 4,50 meter wide, adjustable tube length 330-450 cm
- Telescopic cover system DCC-550 suitable for pools up to 5,50 meter wide, adjustable tube length 430-550 cm
- Cable Duct set in Stainless Steel-316 L
- Cutting-edge ball bearing system allows for ONE-MAN installation, and enables detailed adjustments to counter misalignment
- Motor Set 250Nm, with 10 meter cable
- Works with ‘Multi-Brand’ slats

> Part of the DuraLink™ connected product range

**Ready to order, no customisation needed. avoiding installation delays.**

### DCC-450
- Basic set (*)
- Cable Duct set
- Tube set 330-450 cm
- Motor set 250Nm
- € 3,275,00

### DCC-550
- Basic set (*)
- Cable Duct set
- Tube set 430-550 cm
- Motor set 250Nm
- € 3,335,00

---

*Cable Duct for concrete swimming pool without liner*
The COVER Hanging System is a dedicated cover system for pool retrofit projects. Can be used in any pool providing support for the installation of the mounting plate. Providing total flexibility with two adjustable tube lengths.

**FEATURES & BENEFITS**

- With two outer and one inner sliding tube to accommodate for any pool width between 3,30 and 5,50 meter
- Telescopic cover system set DCH-450 suitable for pools up to 4,50 meter wide, adjustable tube length 330-450 cm
- Telescopic cover system set DCH-550 suitable for pools up to 5,50 meter wide, adjustable tube length 430-550 cm
- Hanging System set with Stainless Steel-316 L mounting plates
- Cutting-edge ball bearing system allows for ONE-MAN installation, and enables detailed adjustments to counter misalignment
- Motor Set 250Nm, with 10 meter cable
- Works with ‘Multi-Brand’ slats

Part of the DuraLink™ connected product range

---

The COVER Hanging System includes two stainless steel mounting plates and a separate stainless steel Cable Duct for the 60 cm deep fitting of the tube. The COVER Hanging System set includes the required bolts and chemical anchor for fixation.

**FEATURES & BENEFITS**

- Stainless Steel Cable Duct
- Stainless Steel Mounting Plate
- Motor cable

---

**SPECIFICATIONS**

**DCH-450**
- Basic set (*)
- Hanging System set
- Tube set 330-450 cm
- Motor set 250Nm
- € 3,875,00

**DCH-550**
- Basic set (*)
- Hanging System set
- Tube set 430-550 cm
- Motor set 250Nm
- € 3,905,00

---

*Part of the DuraLink™ connected product range*
## Technical specifications

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<th>ORDERING CODE:</th>
<th>COVER WALL DUCT</th>
<th>COVER CABLE DUCT</th>
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<tr>
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<tr>
<td>&gt; Inner Tube length (1 pcs.) cm</td>
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</tr>
<tr>
<td>Cable Duct</td>
<td>✓</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Hanging System set</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

**PREFERRED CONNECTION WITH LINK Master (see page 112)**

- **DLM-450**
  - ✓
  - ✓
  - ✓
  - ✓
  - ✓
  - ✓

- **DLM-650**
  - ✓
  - ✓
  - ✓
  - ✓
  - ✓
  - ✓

(*) Basic Set includes:
- Key Switch
- Holder top and bottom
- Ball Bearing Holder
- 5 Straps of 3 meter
- Connecting box with sealing fluid

“The DURACOVER System products can be operated wirelessly with LINK Touch remote control.”

With the unique ball-joint fixation, the motor can easily be reached, even with a filled pool.

Key Switch

Two adjustable tube lengths are available:
- 330-450 cm
- 430-550 cm
The smart DURALINK control products operate the heat pump, the lighting and the pool cover at the same time. Ingenious technology allows all products to be wirelessly operated from a distance in a stable way.

**LINK**

- **Driver** ......................................... 104
- **Touch** ......................................... 106
- **Controller** ................................. 110
- **Master** ....................................... 112
- **Accessories** .............................. 116

**DMX512**

DMX512 (Digital Multiplex) is a standard for digital communication networks that are commonly used to control stage lighting and home-automation.

**RS-485**

RS-485 is a telecommunications standard defining the electrical characteristics of drivers and receivers for use in balanced digital multipoint systems.

- Part of the DuraLink™ connected product range.
- **ON/OFF Control** White lights: on/off. RGB lights: colour change by switching the power supply on and off.
- **2 wire 12 VAC** Safety, reliability and multi functionality guaranteed. No need for external drivers.
All DURAVISION lights are powered by 12 VAC. Our LINK Drivers come with a free handheld transmitter. Additional units are available for purchase. An out-of-the-box solution is offered with LINK Drivers who contain a built-in transformer. We also offer separate LINK Drivers and transformers for those wanting to create their own set-up.

**FEATURES & BENEFITS**

- 12 VAC
- A&B auxiliary output to control other devices, garden lighting
- Switch ON/OFF the lights VISION Moonlight or VISION Spectra, or change their colour
- Selectable toggle or pulse mode for A&B relays

**PL-REM**
- Without transformer
- Remote control for external transformer
- Intelligent control for VISION Moonlight & VISION Spectra
- 2 auxiliary outputs
- 1 handheld transmitter included
- € 149,00

**PL-REM-60**
- With built-in transformer 60 VA
- Intelligent control for VISION Moonlight & VISION Spectra
- No auxiliary output
- 1 handheld transmitter included
- € 167,00

**PL-REM-200**
- With built-in transformer 200 VA
- Intelligent control for VISION Moonlight & VISION Spectra
- 2 auxiliary outputs
- 1 handheld transmitter included
- € 260,00

Compatible with:
VISION Moonlight
VISION Spectra
The LINK Touch remote control is equipped with the most reliable long-range wireless technology. It offers out-of-the box wireless control and diagnostics of your pool heat-pump, pool lights and cover. (see grid on page 8-9). This unit is very intuitive to use and shows all important information in one single view. Thanks to the applied long-range wireless technology it is possible to guarantee reliable communication even in spaces with obstacles (trees, concrete walls, cellars) and in remote locations.

**FEATURES & BENEFITS**

- Operates the heat pump, pool lighting and cover
- Stable long-range wireless technology
- Stand-alone or wall mounted
- Portable with long life battery
- Rechargeable via USB port
- Sleek and modern design
- Clear display
- Own development

Part of the DuraLink™ connected product range (*)

(*) Remote control for:

**VISION**
- Adagio Pro
- VISION Pro

**LINK**
- Controller
- Master

**HEAT**
- Dura V & Vi
- Dura+Vi
- Dura Pro

**COVER**
- System Products

---

**DLT10-TW**
- Pool light model: TW – Tuneable White
- Standby time: 30 days
- Wall mount & battery charger included
- IP rating: IP 20
- Unit dimensions (L*W*H): 186*88*17 mm
- € 215,00

**DLT10-RGB**
- Pool light model: RGB – Full colour
- Standby time: 30 days
- Wall mount & battery charger included
- IP rating: IP 20
- Unit dimensions (L*W*H): 186*88*17 mm
- € 215,00
The LINK Touch experience | LINK Touch is much more than a remote control. Operating your pool lights, heat pump and pool cover remotely becomes child’s play with this fantastic control tablet. You can read and adjust the water temperature at a glance. Easily open or close your pool cover with one touch of a button. LINK Touch controls all colour programs & intensity of your pool lights by switching between the various colour programs or just by swiping across the screen. It can also be used in the dark, as the screen is fitted with LED lights that clearly display the various settings. It can be charged with the supplied adapter with an usb connection. This high-tech remote control is easy to store as it can be clicked onto the included wall mount.

1 Colour temperature:
   Slide to the right to adjust the pool light from “warm white” to “cool white”
2 ON/OFF Lights:
   Press to switch all lights ON/OFF
3 Colour wheel:
   Slide to change colour of pool lights (only DLT10-RGB)
4 Colour program:
   Press for previous colour program
5 Colour program:
   Press for next colour program
6 Dimming level:
   Slide to the right to increase the brightness of the pool lights
7 ON/OFF heat pump:
   Press to switch pool heat pump ON/OFF
8 Pool water Temperature:
   Press to decrease desired temperature
9 Pool water Temperature:
   Press to increase desired temperature
10 Pool cover:
   Press and hold to open the pool cover. When finger is removed from the button, the cover will stop immediately
11 Pool cover:
   Press and hold to close the pool cover. When finger is removed from the button, the cover will stop immediately

“This remote control is so user-friendly. The grandparents can easily operate our pool devices while keeping an eye on their grandchildren.”
**LINK Controller**

All LINK Controllers are part of the DuraLink™ connected range of products. Our LINK Controllers come with a free handheld transmitter. An out-of-the-box solution is offered with LINK Controllers who contain a built-in transformer. All LINK Controllers work with the optional LINK Touch remote control.

### FEATURES & BENEFITS

- 12 VAC
- A&B auxiliary output to control other devices, garden lighting
- Selectable toggle or pulse mode for A&B relays
- Dim the lights VISION Adagio Pro or VISION Pro, or change their colour
- DIP switch to select controller functionalities
- SD card slot for future firmware upgrades
- RS-485 to connect your home automation system
- DMX 512

*Part of the DuraLink™ connected product range (*)

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**PLP-REM**

Without transformer

Intelligent control for VISION Adagio Pro & VISION Pro

DMX512 & RS-485 connectivity

2 auxiliary outputs

1 handheld transmitter included

€ 305,00

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**PLP-REM-350**

With built-in transformer 350 VA

Intelligent control for VISION Adagio Pro & VISION Pro

DMX512 & RS-485 connectivity

2 auxiliary outputs

1 handheld transmitter included

€ 457,00

---

(*) Compatible with:

VISION Adagio Pro
VISION Pro
LINK Touch
The LINK Master is equipped with multiple ‘smart’ input & output connections for your pool devices. Giving you full access to the DuraLink™ connected range of products. Including the connections for multi brand products. Add the LINK Touch of your choice for your RGB or Tunable White pool lights.

FEATURES & BENEFITS

• Multiple ‘smart’ input & output connections (See drawing page 115)
• Available with 450VA transformer in large plastic cabinet
• Available with 600VA transformer in extra Large, black metal cabinet with extra free DIN Rail space
• Works with LINK Touch RGB and TW control systems (page 106)
• Connects with ‘Multi Brand’ products (sensors, filter pump, purification, cover,..)
• A&B auxiliary output to control other devices, garden lighting
• SD card slot for future firmware upgrades

(*) Part of the DuraLink™ connected product range (*)

DLM-450
With built-in transformer 450 VA
Intelligent control for VISION Adagio Pro & VISION Pro DMX512 & RS-485 connectivity
Multiple ‘smart’ input & output connections
€ 885,00

DLM-600
With built-in transformer 600 VA
Intelligent control for VISION Adagio Pro & VISION Pro DMX512 & RS-485 connectivity
Multiple ‘smart’ input & output connections
€ 1250,00

(*) Compatible with:
VISION Adagio Pro
VISION Pro
HEAT Pump products
COVER System products
LINK Touch

SEE THE FULL GRID ON PAGE 10
Mastering your relevant pool functions in a smart way

The LINK Master is the central electrical hub, linking all pool-technical related components. Press the DuraLink button on the key pad and it will discover all connected devices from the DuraLink™ connected product range.

Use the LINK Touch to remotely connect with your LINK Master. For easy dimming and selecting colour programs of your VISION Adagio Pro or VISION Pro lights. For the opening and closing of your DURACOVER Cover, switching on and off of your DURAHEAT Heat Pump and adjusting the set temperature.

Enter the menu on the LINK Touch and you will have access to all the clever settings of your LINK Master.

- Connect your DURAHEAT Heat Pump and it will automatically be paired. The LINK Master will now promptly turn ON or OFF the filter pump to provide flow of water when heating is required.
- Connect a ‘multi-brand’ filter pump and with the LINK Touch you can easily set the ‘smart’ filtering durations. (Normal, High, Eco or Off).
- Attach the VISION Adagio Pro or VISION Pro lights and with the LINK Touch remote control you will be comfortably dimming and selecting colour programs of your pool lights.
- Press Cleaning and instantly the filter pump will run at its maximum speed for optimal cleaning performance.
- With your DURACOVER Cover the LINK Master will add even more functionalities. During opening and closing the filter pump will be stopped or run at low speed. Preventing damage to the cover by scrubbing against walls or skimmers.
- The moment the cover is fully opened, the filter pump will switch to high for optimal filtration of your pool water.
- Multi-brand purification systems, sensors,... the LINK Master will smartly connect and manage all devices in one place.

SEE PAGE 106
When a pool is equipped with multiple lights, more power is required. House of DURATECH offers you the separate toroidal transformers. These “donut” shaped transformers are smaller, lighter, more energy efficient and safer than conventional stacked laminated transformers. They offer two versions, each in three different sizes. The Toro-DIN can be mounted on a DIN-rail while the IP64 encapsulated wall mount model is splash proof.

**FEATURES & BENEFITS**
- Stable toroidal transformer
- Easy mounting on DIN rail or wall
- Easy to connect lamp cable(s)
- Mains connection: 230 VAC 50Hz
- Output voltage: 12 VAC 50Hz (SELV)

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"The power of the pool to charge all of our fun"
After-Sales

DURACARE is our after-sales service that provides active support to professional distributors, pool builders and installers. In turn, our partners ensure the after-sales service to the end customers.

DURACARE additionally uses its extensive database, which contains both technically related, general and product specific information. Our product engineers, in addition to developing innovative technologies, are also closely involved in 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. DURACARE is reachable by e-mail.

Both the 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.

DURACARE CONTACT INFORMATION:

Website: www.duratech.be  
Website: www.hotsplash.eu  
Website: www.sunspring.eu  
E-mail: duracare@duratech.be

CataZine 2021 is available online at www.duratech.be
Distributor:

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