Getting smart control over your heat pump, pool lights and cover.

Creating a party mood with brightly changing colours in and around your pool.

Enjoy the silence with heat pumps at champion worthy performance levels.
History | 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.

Mission | With 16 years of experience in developing and manufacturing pool products, House of DURATECH is a prominent producer of sustainable LED lighting and heat pumps. The DURAVISION and DURAHEAT 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.
As a swimming pool owner you want to enjoy your pool without giving it a lot of thought. That is exactly what House of DURATECH stands for. A range of reliable and matching quality products, developed and produced with a view to energy efficiency, durability and environmental friendliness. The DURAHEAT Heat Pumps, DURAVISION Pool Lights and DURALINK Control solutions are products that House of DURATECH is very proud of. The engineers closely monitor the latest market developments and integrate those technologies into the entire product range. All products are extensively tested and meet strict quality standards. In order to achieve this, House of DURATECH has set up its own environmentally conscious and eco-friendly production processes. The components used are fully recyclable and reduce the ecological footprint. Should you unexpectedly encounter a problem with your product, you can always rely on our DURACARE after-sales service. In other words, Belgian quality products and know-how at your service.

Production in their own factory | As a swimming pool owner you want to enjoy your pool without giving it a lot of thought. That is exactly what House of DURATECH stands for. A range of reliable and matching quality products, developed and produced with a view to energy efficiency, durability and environmental friendliness. The DURAHEAT Heat Pumps, DURAVISION Pool Lights and DURALINK Control solutions are products that House of DURATECH is very proud of. The engineers closely monitor the latest market developments and integrate those technologies into the entire product range. All products are extensively tested and meet strict quality standards. In order to achieve this, House of DURATECH has set up its own environmentally conscious and eco-friendly production processes. The components used are fully recyclable and reduce the ecological footprint. Should you unexpectedly encounter a problem with your product, you can always rely on our DURACARE after-sales service. In other words, Belgian quality products and know-how at your service.

More info about the DURACARE After-Sales service on page 62
Your swimming pool | Enjoying your own swimming pool is like getting into the holiday spirit and makes you daydream of clear blue seas and white sandy beaches. It is common knowledge that swimming is a healthy sport for both young and old and relaxes body and mind. Taking a refreshing dive after a tiring day at work or at school can work wonders. Especially children love splashing around in the water. Having your own swimming pool provides them with a lot of fun and entertainment. Dragging your family around to the public pool at busy weekends or on weekdays is ancient history. Grandparents will also be able to simply operate your pool devices thanks to the handy LINK Touch while keeping an eye on their grandchildren. A private pool captures the imagination. Imagine a summery pool party with a BBQ, a family gathering or a romantic evening sipping a glass of wine while watching the stars...

A swimming pool also provides added value to your home and garden. Equipped with the House of DURATECH products you will fully enjoy the comfort and user-friendliness of your own pool. Complete your pool system with a DURATECH heat pump providing the right water temperature and energy-efficient DURAVISION pool lights. All products are easy to maintain and are developed using the latest technologies. Needless to say: a private pool guarantees hours (years!) of fun and relaxation for yourself and your loved ones.

“...A private pool is the guarantee of endless fun for your children, family and friends”

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 products are attuned to each other for easy fittings and installations.

VISION Moonlight
VISION Spectra
VISION Adagio Pro
VISION Face Plates
VISION Wall Conduits
VISION Specials

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 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.

DuraLink™ Part of the DuraLink™ connected product range.
Moonlight offers you a range of fixed and dynamic lights. In for a party, or just relaxing? Pick a mood! 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
- Avg. Lifetime LEDs: 25,000 hours
- Resin filled NoAir™ housing
- The use of high quality polymers makes the light compatible with salt electrolysis
- 4 m rubber cable included
- 12 VAC / 2-wire
- The RGB version offers 16 colour programs

**ORDERING CODE:**
- PL8300(B)
- PL8400B
- PL8700B
- PLW300(B)
- PLW400B
- PLW700B

**Light colour:**
- White (9000 K)

**Max. light Output:**
- lm
- 575
- 925
- 1,450
- 1,250
- 1,850
- 2,100

**Beam Angle:**
- °
- 120
- 120
- 120
- 120
- 120
- 120

**Diameter Optic (mm):**
- mm
- 170
- 170
- 170
- 170
- 170
- 170

**Max Power (W):**
- W
- 15
- 21
- 25
- 16
- 19
- 28

**Nominal Input Voltage:**
- VAC
- 12
- 12
- 12
- 12
- 12
- 12

**Avg. System Life time hrs:**
- h
- 25,000
- 25,000
- 25,000

**Operating temperature max:**
- °C
- up to 40
- up to 40

**CAN BE USED WITH THE FOLLOWING POWER SUPPLY & REMOTE CONTROL:**
- PL-REM
- PL-REM-60 (max 60 VAC)
- PLP-REM (only in ON/OFF mode)
- PLP-REM-300 (max 300 VAC) (only in ON/OFF mode)

Discover more about DURALINK p. 26-33
**Wiring Instructions**

**SETUP 1**

<table>
<thead>
<tr>
<th>LAMP TYPE</th>
<th>QTY LAMPS</th>
<th>2,5 mm²</th>
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<th>6,0 mm²</th>
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**SETUP 2**

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<td>200 m</td>
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<td>80 m</td>
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<td>25 m</td>
<td>40 m</td>
<td>60 m</td>
<td>100 m</td>
<td>36 VA</td>
</tr>
</tbody>
</table>

*for Moonlight*
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 be easily operated with the DURALINK wireless control system. 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.

![Image of people enjoying a pool BBQ]

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**VISION Spectra**

Spectra offers you a range of lamps with tunable 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
- Avg. Lifetime LEDs: 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 Face Plates available for personalization
- Easy to install due to features like QuickConnect™, PressFit™ and ClickOn™

---

![Images of pool lights and people](image-url)

“Enjoying a fantastic summer pool BBQ - party with family and friends”

---

### DVS050-RGB Ø50 MM
- RGB
- 450 lm
- 9 W
- € 155,00

### DVS050-TW Ø50 MM
- Tunable white
- 450 lm
- 9 W
- € 125,00

### DVM050-WH Ø50 MM
- Day white
- 400 lm
- 5,5 W
- € 90,00

### DVS100-RGB Ø100 MM
- RGB
- 1300 lm
- 22,5 W
- € 255,00

### DVS100-TW Ø100 MM
- Tunable white
- 1300 lm
- 22,5 W
- € 195,00

### DVM100-WH Ø100 MM
- Day white
- 800 lm
- 10 W
- € 125,00

### DVS170-RGB Ø170 MM
- RGB
- 2100 lm
- 34,5 W
- € 335,00

### DVS170-TW Ø170 MM
- Tunable white
- 2100 lm
- 34,5 W
- € 265,00

### DVM170-WH Ø170 MM
- Day white
- 1450 lm
- 18 W
- € 150,00

### DVM170-RGB Ø170 MM
- RGB
- 1050 lm
- 13,5 W
- € 175,00

---

---
### VISION Spectra

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<th>Units</th>
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</tbody>
</table>

**CONNECT WITH LINK DRIVER:**

| CAN BE USED WITH THE FOLLOWING POWER SUPPLY & REMOTE CONTROL: |
| v | v | v | v | v |
| v | v | v | v | v |
| v | v | v | v | v |
| v | v | v | v | v |
| v | v | v | v | v |

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### VISION Spectra

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<td>up to 40</td>
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</table>

**CONNECT WITH LINK DRIVER:**

| CAN BE USED WITH THE FOLLOWING POWER SUPPLY & REMOTE CONTROL: |
| v | v | v | v | v | v | v |
| v | v | v | v | v | v | v |
| v | v | v | v | v | v | v |
| v | v | v | v | v | v | v |
| v | v | v | v | v | v | v |

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Easy to install due to features like QuickConnect®, PressFit™ and ClickOn™!
VISION Adagio Pro

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
- Avg. Lifetime LEDs: 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
- The 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 Face Plates available for personalization
- Easy to install due to features like QuickConnect™, PressFit™ and ClickOn™

ORDERING CODE

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<tr>
<td>TW</td>
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</table>

DEMO-01

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

The Adagio Pro RGB & TW Pool Lights can be operated wirelessly with Link Touch (see page 28-29)
This setup is not preferred for installations where a PLP-REM (-300) is used.
Matching pool styles – Face Plates

DURAVISION pool lights are aesthetically completed with top-of-the-range Face Plates. These Face Plates are available for all sizes of pool lamps (50/100/170 diameter). As you know, swimming pools come in various types and shapes, they can be built below or above ground using different materials such as a liner, mosaic tiles... Therefore multiple models and shapes of Face Plates are available to offer a customized solution. Should you prefer a more playful finish or a sleek design that looks luxurious, there is undoubtedly a shape or style in the assortment that will match your needs. Options include streamlined shapes with or without a relief pattern made of stainless steel or synthetic material. The latter are available in a very extensive colour range. In addition, the DURAVISION Face Plates offer an extra advantage as, depending on the seasons, they can easily be changed to a different colour or shape thanks to the ingenious click system. The Face Plate thus completes your swimming pool design and ensures personality with a dazzling result!

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

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<td>100</td>
<td>RB</td>
<td>DG Dark grey</td>
<td></td>
</tr>
<tr>
<td>170</td>
<td>RD</td>
<td>LB Light blue</td>
<td></td>
</tr>
<tr>
<td>200</td>
<td>RF</td>
<td>MB Medium blue</td>
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<tr>
<td>250</td>
<td>RN</td>
<td>CG Caribbean green</td>
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<tr>
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<td>RO</td>
<td>SW Sand white</td>
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<tr>
<td>400</td>
<td>RU</td>
<td>BL Black</td>
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</tr>
<tr>
<td>100</td>
<td>SS Stainless steel</td>
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<td></td>
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</tbody>
</table>

“Use tool set for easy fixing of Face Plate”
VISION Wall Conduits

Because there are many types of pools and materials, the DURAVISION family offers a wide range of 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 our newest family member, the rugged and indestructible Stainless Steel conduit.

LED lights: installation tips

The installation of DURAVISION pool lights can best be done by an experienced installer, unless you are a do-it-yourselfer with proper knowledge. Considerable thought has gone into the fitting of the wall mounting of the DURAVISION pool lights. After all, the lighting system has to fit in every type of pool. In addition House of DURATECH has even developed a smart tool for a flawless installation. Each pool light model is provided with a clear manual, available in several languages. Nothing has been left to chance to ensure a professional fitting. The cable length, for example, is such that the connection of the lamp can be made above water. Each DURAVISION kit contains all necessary connecting materials. The Ø 170 pool light also comes with a ‘submerged heat-shrink tube’, extremely convenient for a watertight connection to existing lighting cables. The back of the LED lamp is equipped with an ingenious DURAVISION connector. This connection system ensures that the lamp can only be connected in a single way thus eliminating the risk of making a mistake. Placing a DURALINK Driver further completes the fitting. The driver ensures the control of the lamps and can be acquired with or without a built-in transformer. Very handy indeed, as you can continue using an existing transformer. Finally, the Face Plate of your choice is mounted as a finishing touch. The fitting has now been completed. It is time to enjoy your own lighting and coloured atmosphere.

More information about all DURAVISION products on page 6-25

Wall Conduits for Concrete, Stone Wall, Liner, Mosaic Pools

PZA-WC-S
- Wall conduit to flex tube 25 mm or cable
- Internal cable gland
- High quality flex tube included
- € 48,00

PZA-WC-G
- Wall conduit to glue Ø 50 - 63 mm PVC pipe
- Internal cable gland
- High quality flex tube included
- € 48,00

PZA-WCS-S
- Wall conduit to flex tube 25 mm or cable
- Internal cable gland
- High quality flex tube included
- € 46,00

PZA-WTM-SS
- Wall conduit stainless steel (316L) to flex tube 25 mm
- Internal cable gland
- High quality flex tube included
- € 127,00

Wall Conduits for Polyester, Metal, Wooden Wall Pools

PZA-WTM-S
- Wall conduit to flex tube 25 mm or cable
- Internal cable gland
- High quality flex tube included
- € 48,00

PZA-WTM-G
- Wall conduit to glue Ø 50 - 63 mm PVC pipe
- Internal cable gland
- High quality flex tube included
- € 46,00

"Thanks to the clear instructions in the manual, I managed to install my pool lights in no time"
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.

**Standard Retrofit Solution**

- **MOONLIGHT Ø170**
  - PLS300B-RGB: €160,00
  - PLS400B-RGB: €195,00
  - PLS700B-RGB: €265,00
  - PLW300B-WW: €160,00
  - PLW400B-WH: €195,00
  - PLW700B-WW: €265,00

- **SPECTRA Ø170**
  - DVS170-RGB: €235,00
  - DVM170-RGB: €175,00
  - DVM170-TW: €265,00
  - DVM170-WH: €150,00

- **ADAGIO PRO Ø170**
  - PLP170-RGB: €595,00
  - PLP170-WH: €385,00
  - PLP170-WW: €395,00
  - PLP170-BL: €305,00
  - PLP170-TW: €435,00

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

**Adapter Plate for Aqua Delight Niche**

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

**Direct Wall Mounting**

- **SPECTRA Ø100**
  - DVS100-RGB: €255,00
  - DVS100-TW: €195,00
  - DVM100-WH: €125,00

- **ADAGIO PRO Ø100**
  - PLP100-RGB: €475,00
  - PLP100-WH: €255,00
  - PLP100-WW: €275,00
  - PLP100-BL: €305,00
  - PLP100-TW: €435,00

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

---

**Changing to LED lighting gave our pool a totally new dimension**

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. As House of DURATECH is committed to an ecological footprint, it has developed a solution to help solve this problem. It is simply a matter of replacing the old PAR56 lighting with the Retrofit system. It does not matter what type of wall mounting your pool is equipped with because Retrofit can be applied to all types of pools worldwide. Whether you use an installer or decide to do it yourself, there is a solution available that will match your needs. The Retrofit systems are complete and contain all necessary components, a spare cable and a manual. Choose your matching LED lighting from different shades of white or coloured lamps. Finally, complement your lighting with the appropriate control system and the Face Plate of your choice and you are ready to enjoy a fantastic upgrade of your pool!
**Duralink Control products**

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 Touch**

**Link Driver**

**Link Accessories**

---

**DURATECH**

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.

**Duralink**

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.

---

**DURALINK Control products for pool lights, heat pumps and pool covers**

One must admit, it is nice to operate your pool lights wirelessly from your comfortable pool lounger. With the DURALINK Control products you have everything in hand to remotely operate all the linked House of DURATECH products. You can opt for the unique LINK Touch system, a smart control tablet that controls your pool lights, heat pump and secured pool cover at the same time. Besides the LINK Touch, other handy control systems are available for pool lights only. These remote controls allow you to select the desired colour program as well as the dimming function. Whichever DURALINK remote control you choose, all are designed to be user-friendly. House of DURATECH uses exclusively high-quality materials that are robust to guarantee a reliable and stable connection. Comfort is always within easy reach to operate your linked House of DURATECH products from your home, terrace or garden.

"It is easy and fun to select my preferred pool lights setting with my DURALINK remote control."

---

**DMX512**

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

**RS-485**

Is a telecommunications standard defining the electrical characteristics of drivers and receivers for use in balanced digital multipoint systems.

---

**2 wire 12 VAC**

Safety, reliability and multi functionality guaranteed. No need for external drivers.

---

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---

**2 wire 12 VAC**

Safety, reliability and multi functionality guaranteed. No need for external drivers.
**LINK Touch**

The LINK Touch control system is equipped with a long-range RF connection. This technology guarantees a stable connection to the submerged pool lighting, the heat pump and the pool cover. Cellars and technical areas located at a longer distance from the swimming pool can thus easily be reached. The display is equipped with clear LED indicators that light up according to the chosen setting.

**FEATURES & BENEFITS**

- Operates the heat pump, pool lighting and cover
- Stable long-range remote control
- 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

---

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. LINK Touch controls all colour programs of your pool lights by switching between the various colour programs or just by swiping across the screen. This device also comes in handy in the dark, as the screen is fitted with LED lights that light up and clearly display the various settings. This makes it easy to choose between the different colours or to dim the pool lights. LINK Touch is user-friendly and is accessible to young and old. It can be charged either via the supplied adapter with an USB connection or directly via your laptop. This smart device is easy to store as it can be clicked onto the included wall mount, which can also be connected to a power source. A “must have” for the pool owner keen on high-tech!

---

**Remote control for:**

**VISION Adagio Pro**

**LINK Driver**

**HEAT Dura V**

**HEAT Dura Vi**

**HEAT Dura Pro**

---

**DLT10-TW**

Pool light model: TW – Tuneable White

- Standby time: 30 days
- Wall mount: Included
- IP rating: IP 20
- Unit dimensions (L*W*H): 186*88*17 mm

€ 197,00

---

**DLT10-RGB**

Pool light model: RGB – Full colour

- Standby time: 30 days
- Wall mount: Included
- IP rating: IP 20
- Unit dimensions (L*W*H): 186*88*17 mm

€ 197,00

---

“This smart device is so user-friendly. The grandparents can easily operate our pool devices while keeping an eye on their grandchildren.”

---

“...it can be charged either via the supplied adapter with an USB connection or directly via your laptop. This smart device is easy to store as it can be clicked onto the included wall mount, which can also be connected to a power source. A “must have” for the pool owner keen on high-tech!”
All DURAVISION lights are operated on 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 pool cover, garden lighting, ...
• Selectable toggle or pulse mode for A&B relays.

FOR PLP DRIVERS ONLY:
• Part of the DuraLink™ connected product range
• Dim the lights (Adagio Pro) or change their colour
• DIP switch to select controller functionalities
• SD card slot for future firmware upgrades
• RS485 to connect your home automation system
• DMX 512

Easy to use with one hand, with only a few buttons The PLP-REM LINK Drivers can be operated wirelessly with Link Touch

PL-REM
Without transformer
Remote control for external transformer
2 auxiliary outputs
1 handheld transmitter included
€ 146,00

PL-REM-60
With built-in transformer 60 VA
1 no auxiliary output
1 handheld transmitter included
€ 162,00

PL-REM-200
With built-in transformer 200 VA
2 auxiliary outputs
1 handheld transmitter included
€ 253,00

PLP-REM
Without transformer
Intelligent control for Spectra/Adagio Pro RGB & TW DMX512 & RS-485 connectivity
2 auxiliary outputs
1 handheld transmitter included
€ 297,00

PLP-REM-300
With built-in transformer 300 VA
Intelligent control for Spectra/Adagio Pro RGB & TW DMX512 & RS-485 connectivity
2 auxiliary outputs
1 handheld transmitter included
€ 398,00

TX 868
Handheld transmitter on 868 MHz for long range transmitting
€ 58,00

TX 869
Handheld transmitter on 868 MHz for long range transmitting
€ 58,00

PLP-REM-300
With built-in transformer 300 VA
Intelligent control for Spectra/Adagio Pro RGB & TW DMX512 & RS-485 connectivity
2 auxiliary outputs
1 handheld transmitter included
€ 398,00
Accessories

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)
- 230 V input
- 12 VAC output

<table>
<thead>
<tr>
<th>Model</th>
<th>Toroidal Transformer Toroidal Transformer Toroidal Transformer</th>
</tr>
</thead>
<tbody>
<tr>
<td>TR150-DIN</td>
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<tr>
<td>TR700-DIN</td>
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<tr>
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</table>

DISTRIBUTION TERMINAL BLOCK
FOR DIN-RAIL MOUNTING

- 503-010
- € 5,99

“The power of the pool to charge all of our fun”
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.

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 Operation Temperature’ at which the efficiency can still be guaranteed.

DuraLink™ Part of the DuraLink connected product range.

How does a heat pump work? A heat pump uses the same principle of an air conditioning however the other way around. An air conditioning 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.
HEAT Hot Splash

The 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 Sun Spring

The Sun Spring is the ideal solution for above ground pools (from 10 m³ till maximum 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

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. Constantly jumping in the pool and climbing out, drying up and starting all over again certainly sounds familiar… In order to guarantee hours of fun, House of DURATECH has developed the ideal solution: the Hot Splash and Sun Spring heat pumps. Both models are easy to acquire since you can buy them directly 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. It is as simple as that. 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. A pleasant pool water temperature guarantees hours of water fun for you and your family even if the weather is cloudy. Do not let this trendsetter pass you by!
“Since we installed the Hot Splash heat pump last year, our kids had their best summer holidays ever!”

**ORDERING CODE:**

<table>
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<th>UNIT</th>
<th>HS35</th>
<th>SUN05</th>
<th>SUN07</th>
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<td>3 - 12</td>
<td>4 - 12</td>
<td>5 - 12</td>
<td>5 - 12</td>
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<td>13</td>
<td>15</td>
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<td>Unit net dimensions (L<em>W</em>H) mm</td>
<td>290<em>310</em>370</td>
<td>458<em>472</em>530</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit shipping dimensions (L<em>W</em>H) mm</td>
<td>310<em>360</em>385</td>
<td>500<em>510</em>580</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Net weight kg</td>
<td>15</td>
<td>27</td>
<td>29</td>
<td>37</td>
<td>43</td>
</tr>
<tr>
<td>Shipping weight kg</td>
<td>16</td>
<td>28</td>
<td>30</td>
<td>39</td>
<td>45</td>
</tr>
</tbody>
</table>

* advised pool volume for an entirely insulated pool with cover, free from wind and exposed to the sun
HEAT Dura+

Dura+ heat pumps for outdoor installation. They are capable of heating and cooling swimming pools, ponds and spas all year round. 6 models are available from 7-31 kW.

<table>
<thead>
<tr>
<th>Model</th>
<th>kW</th>
<th>Voltage</th>
<th>Phase</th>
<th>Capacity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DURA+7</td>
<td>7</td>
<td>230 VAC</td>
<td>1-phase</td>
<td>30 m³</td>
<td>€ 1.699,00</td>
</tr>
<tr>
<td>DURA+10</td>
<td>9.8</td>
<td>230 VAC</td>
<td>1-phase</td>
<td>40 m³</td>
<td>€ 1.995,00</td>
</tr>
<tr>
<td>DURA+14</td>
<td>14.3</td>
<td>230 VAC</td>
<td>1-phase</td>
<td>60 m³</td>
<td>€ 2.284,00</td>
</tr>
<tr>
<td>DURA+19</td>
<td>19.6</td>
<td>230 VAC</td>
<td>1-phase</td>
<td>80 m³</td>
<td>€ 3.496,00</td>
</tr>
<tr>
<td>DURA+22T</td>
<td>22.5</td>
<td>400 VAC</td>
<td>3-phase+N</td>
<td>95 m³</td>
<td>€ 3.795,00</td>
</tr>
<tr>
<td>DURA+30T</td>
<td>31</td>
<td>400 VAC</td>
<td>3-phase+N</td>
<td>130 m³</td>
<td>€ 3.996,00</td>
</tr>
</tbody>
</table>

FEATURES & BENEFITS

- 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
- Capable of heating & cooling

“Our heated pool is simply a jump above the rest”
**HEAT Dura+**

<table>
<thead>
<tr>
<th>ORDERING CODE</th>
<th>UNITS</th>
<th>DURA+7</th>
<th>DURA+10</th>
<th>DURA+14</th>
<th>DURA+19</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advised pool volume:*</td>
<td>m³</td>
<td>30</td>
<td>40</td>
<td>60</td>
<td>80</td>
</tr>
<tr>
<td>Operating air temperature:</td>
<td>°C</td>
<td>-10</td>
<td>-10</td>
<td>-10</td>
<td>-10</td>
</tr>
<tr>
<td>Heating Capacity:</td>
<td>kW</td>
<td>7</td>
<td>9,8</td>
<td>14,3</td>
<td>19,6</td>
</tr>
<tr>
<td>Air 25 °C / Water 25 °C</td>
<td>Btu</td>
<td>23900</td>
<td>33450</td>
<td>48650</td>
<td>66650</td>
</tr>
<tr>
<td>Air 15 °C / Water 25 °C</td>
<td>kW</td>
<td>6,4</td>
<td>8,9</td>
<td>13,5</td>
<td>17,6</td>
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<tr>
<td>Btu</td>
<td>22200</td>
<td>30400</td>
<td>42700</td>
<td>60700</td>
<td></td>
</tr>
<tr>
<td>Cooling Capacity:</td>
<td>kW</td>
<td>5,2</td>
<td>7,6</td>
<td>12</td>
<td>16,4</td>
</tr>
<tr>
<td>Btu</td>
<td>17700</td>
<td>26000</td>
<td>41000</td>
<td>56600</td>
<td></td>
</tr>
<tr>
<td>Power Input</td>
<td>kW</td>
<td>1,1</td>
<td>1,5</td>
<td>2,2</td>
<td>3</td>
</tr>
<tr>
<td>COP A25 / W25</td>
<td>6,4</td>
<td>6,5</td>
<td>6,5</td>
<td>6,5</td>
<td></td>
</tr>
<tr>
<td>COP A15 / W25</td>
<td>5,8</td>
<td>5,9</td>
<td>5,9</td>
<td>5,9</td>
<td></td>
</tr>
<tr>
<td>Nominal Current</td>
<td>A</td>
<td>4,8</td>
<td>6,7</td>
<td>10,4</td>
<td>13,4</td>
</tr>
<tr>
<td>Maximum Current</td>
<td>A</td>
<td>6,4</td>
<td>9,2</td>
<td>14,2</td>
<td>18,7</td>
</tr>
<tr>
<td>Power Supply</td>
<td></td>
<td>230 V / 50 Hz / 1 Phase</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Controller</td>
<td>Electronic Control</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Condenser</td>
<td>Titanium Heat Exchanger</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Compressor type</td>
<td>Rotary Scroll</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Compressor Quantity</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Refrigerant</td>
<td>R410A</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Pressure gauge</td>
<td>yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fan Power Input</td>
<td>W</td>
<td>90</td>
<td>120</td>
<td>120</td>
<td>150</td>
</tr>
<tr>
<td>Fan Rotation Speed</td>
<td>RPM</td>
<td>750 - 850</td>
<td>750 - 850</td>
<td>750 - 850</td>
<td>750 - 850</td>
</tr>
<tr>
<td>Air Flow</td>
<td>m³/h</td>
<td>1800 - 2100</td>
<td>2000 - 2300</td>
<td>2000 - 2300</td>
<td>2700 - 3200</td>
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<tr>
<td>Fan Direction</td>
<td></td>
<td>Horizontal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Noise at 10m</td>
<td>dB(A)</td>
<td>33</td>
<td>34</td>
<td>34</td>
<td>37</td>
</tr>
<tr>
<td>Water Connection</td>
<td></td>
<td>Horizontal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Connection</td>
<td></td>
<td>Vertical</td>
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<td></td>
</tr>
<tr>
<td>Water Connection</td>
<td></td>
<td>Vertical</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal Water Flow</td>
<td>m³/h</td>
<td>2,3</td>
<td>3</td>
<td>4,5</td>
<td>6</td>
</tr>
<tr>
<td>Water Pressure Drop (max)</td>
<td>kPa</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit Net Dimensions (L<em>W</em>H)</td>
<td>mm</td>
<td>740/330/570</td>
<td>969/372/960</td>
<td>969/372/960</td>
<td>1115/470/970</td>
</tr>
<tr>
<td>Unit Shipping Dimensions (L<em>W</em>H)</td>
<td>mm</td>
<td>850/310/1650</td>
<td>1040/415/960</td>
<td>1040/415/960</td>
<td>1120/480/940</td>
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<tr>
<td>Net Weight</td>
<td>kg</td>
<td>36</td>
<td>49</td>
<td>55</td>
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<tr>
<td>Shipping Weight</td>
<td>kg</td>
<td>43</td>
<td>61</td>
<td>67</td>
<td>130</td>
</tr>
</tbody>
</table>

* advised pool volume for an entirely insulated pool with cover, free from wind and exposed to the sun
HEAT Dura V

The leading-edge engineered 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
• Part of the DuraLink™ connected product range

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 pump, for above ground swimming pools, that you can connect yourself. More information on these systems are available in our article "Plug and play: trendsetter for above ground pools for a playful summer with kids" on page 37.

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 Jacuzzi® and smaller pool volumes as it prevents abrupt cooling which is a well-known issue with traditional defrosting systems.

DURALINK: the ‘V’, ‘Vi’ and ‘Pro’ DURAHEAT heat pumps can be operated wirelessly via remote control. More information about the LINK Touch and DURALINK control products is available in the article "DURALINK control products for pool lights, heat pumps and pool covers" on page 27.

DURAHEAT heat pumps are made exclusively from non-corroding materials and guarantee a longer lifespan.

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.

More information about the LINK Touch and DURALINK control products is available in the article "DURALINK control products for pool lights, heat pumps and pool covers" on page 27.
### Ordering Code

<table>
<thead>
<tr>
<th>Units</th>
<th>Dura-V10</th>
<th>Dura-V15</th>
<th>Dura-V20</th>
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</thead>
<tbody>
<tr>
<td>Advised pool volume:*</td>
<td>m³</td>
<td>40</td>
<td>60</td>
</tr>
<tr>
<td>Operating air temperature:</td>
<td>°C</td>
<td>-10/40</td>
<td></td>
</tr>
<tr>
<td>Heating Capacity: Air 27 °C / Water 26 °C / RH 80%</td>
<td>kW</td>
<td>10.6</td>
<td>15</td>
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<tr>
<td>Power input A27 / W26 / RH80</td>
<td>kW</td>
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<td>COP A27 / W26 / RH80</td>
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<td>7.6</td>
<td>7.3</td>
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<td>Heating Capacity: Air 15 °C / Water 26 °C / RH 70%</td>
<td>kW</td>
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<td>10.5</td>
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<tr>
<td>Power input A15 / W26 / RH70</td>
<td>kW</td>
<td>1.25</td>
<td>2</td>
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<tr>
<td>COP A15 / W26 / RH70</td>
<td></td>
<td>5.5</td>
<td>5.3</td>
</tr>
<tr>
<td>Nominal current</td>
<td>A</td>
<td>6.5</td>
<td>9</td>
</tr>
<tr>
<td>Maximum current</td>
<td>A</td>
<td>8</td>
<td>11</td>
</tr>
<tr>
<td>Power supply</td>
<td></td>
<td>230 V / 50 Hz / 1 Phase</td>
<td></td>
</tr>
<tr>
<td>Electronic controller</td>
<td></td>
<td>DuraLink™ ready with colour LCD</td>
<td></td>
</tr>
<tr>
<td>Condenser</td>
<td></td>
<td>Titanium Heat Exchanger / NoFrost™</td>
<td></td>
</tr>
<tr>
<td>Compressor type</td>
<td></td>
<td>Rotary</td>
<td></td>
</tr>
<tr>
<td>Compressor quantity</td>
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<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Refrigerant</td>
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<td>R32</td>
<td>R32</td>
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<tr>
<td>Refrigerant weight</td>
<td>kg</td>
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<tr>
<td>Pressure gauge</td>
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<td>Display</td>
<td></td>
</tr>
<tr>
<td>Fan quantity</td>
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</tr>
<tr>
<td>Fan power input</td>
<td>W</td>
<td>120</td>
<td>120</td>
</tr>
<tr>
<td>Fan rotary speed</td>
<td>RPM</td>
<td>700 - 900</td>
<td>700 - 900</td>
</tr>
<tr>
<td>Fan direction</td>
<td></td>
<td>Vertical</td>
<td></td>
</tr>
<tr>
<td>Noise at 10m</td>
<td>dB(A)</td>
<td>23 - 31</td>
<td>24 - 35</td>
</tr>
<tr>
<td>Water connection</td>
<td>mm</td>
<td>63</td>
<td>63</td>
</tr>
<tr>
<td>Water flow range</td>
<td>m³/h</td>
<td>3 - 20</td>
<td>5 - 20</td>
</tr>
<tr>
<td>Water pressure drop (max)</td>
<td>kPa</td>
<td>FullFlow</td>
<td></td>
</tr>
<tr>
<td>Unit net dimensions (LxWxH)</td>
<td>mm</td>
<td>730x760x910</td>
<td>750x790x980</td>
</tr>
<tr>
<td>Net weight</td>
<td>kg</td>
<td>57</td>
<td>62</td>
</tr>
<tr>
<td>Shipping weight</td>
<td>kg</td>
<td>68</td>
<td>73</td>
</tr>
</tbody>
</table>

* Advised pool volume for an entirely insulated pool with cover, free from wind and exposed to the sun.
The leading-edge engineered 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. 4 models are available from 11-24 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

---

**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. Both techniques are available within the DURAHEAT heat pump range and are continuously being optimized. We advise you to create a list with what you expect from your heat pump. Do you want to enjoy a longer swimming season? How many m³ of water does your pool contain? What is your ideal swimming temperature? Depending on your needs, you will undoubtedly find the right heat pump that fits your pool.

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"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"
HEAT Dura Vi

ORDERING CODE: UNITS DURA-V11i DURA-V15i DURA-V20i DURA-V24i

Advised pool volume*: m³ 30 - 60 40 - 75 50 - 95 65 - 120

Operating air temperature: °C -10 / 40

Heating Capacity:
Air 27°C / Water 26°C / RH80%
Power input A27 / W26 / RH80 kW 3,4 - 11,4 4,3 - 15,1 5,6 - 20,0 6,5 - 23,6
COP A27 / W26 / RH80 13,9 - 7,2 13,7 - 7,1 13,6 - 7,1 13,5 - 6,8

Operating air temperature: °C -10 / 40

Heating Capacity:
Air 15°C / Water 26°C / RH70%
Power input A15 / W26 / RH70 kW 0,21 - 1,69 0,27 - 2,40 0,34 - 3,45 0,43 - 4,15
COP A15 / W26 / RH70 7,70 - 5,20 7,70 - 4,30 7,70 - 4,30 7,70 - 4,40

Nominal current A 7,3 9,6 11,9 14,2

Maximum current A 9,5 12,6 15,6 18,6

Power supply: 230 V / 50 Hz / 1 Phase

Electronic controller: DuraLink™ ready with colour LCD

Condenser: Titanium Heat Exchanger / NoFrost™

Compressor type: Rotary

Compressor quantity: 1 1 1 1

Refrigerant: R32

Refrigerant weight kg 0,90 1,1 1,5 1,6

Pressure gauge: Display

Fan quantity: 1 1 1 1

Fan power input W 120 120 120 120

Fan rotary speed RPM 700 - 900 700 - 900 700 - 900 700 - 900

Fan direction: Vertical

Noise at 10m dB(A) 22 - 30 22,5 - 31 23 - 32 24 - 33

Water connection mm 63 63 63 63

Water pressure drop (max) kPa 3 - 20 4 - 20 5 - 20 6 - 20

Full Flow

Water flow range m³/h

Unit net dimensions (L*W*H) mm 730*760*810

Unit shipping dimensions (L*W*H) mm 750*820*890

Net weight kg 47 48 50 56

Shipping weight kg 58 59 61 67

ORDERING CODE: UNITS DURA-V11i DURA-V15i DURA-V20i DURA-V24i

Advised pool volume*: m³ 30 - 60 40 - 75 50 - 95 65 - 120

Operating air temperature: °C -10 / 40

Heating Capacity:
Air 27°C / Water 26°C / RH80%
Power input A27 / W26 / RH80 kW 3,4 - 11,4 4,3 - 15,1 5,6 - 20,0 6,5 - 23,6
COP A27 / W26 / RH80 13,9 - 7,2 13,7 - 7,1 13,6 - 7,1 13,5 - 6,8

Operating air temperature: °C -10 / 40

Heating Capacity:
Air 15°C / Water 26°C / RH70%
Power input A15 / W26 / RH70 kW 0,21 - 1,69 0,27 - 2,40 0,34 - 3,45 0,43 - 4,15
COP A15 / W26 / RH70 7,70 - 5,20 7,70 - 4,30 7,70 - 4,30 7,70 - 4,40

Nominal current A 7,3 9,6 11,9 14,2

Maximum current A 9,5 12,6 15,6 18,6

Power supply: 230 V / 50 Hz / 1 Phase

Electronic controller: DuraLink™ ready with colour LCD

Condenser: Titanium Heat Exchanger / NoFrost™

Compressor type: Rotary

Compressor quantity: 1 1 1 1

Refrigerant: R32

Refrigerant weight kg 0,90 1,1 1,5 1,6

Pressure gauge: Display

Fan quantity: 1 1 1 1

Fan power input W 120 120 120 120

Fan rotary speed RPM 700 - 900 700 - 900 700 - 900 700 - 900

Fan direction: Vertical

Noise at 10m dB(A) 22 - 30 22,5 - 31 23 - 32 24 - 33

Water connection mm 63 63 63 63

Water pressure drop (max) kPa 3 - 20 4 - 20 5 - 20 6 - 20

Full Flow

Water flow range m³/h

Unit net dimensions (L*W*H) mm 730*760*810

Unit shipping dimensions (L*W*H) mm 750*820*890

Net weight kg 47 48 50 56

Shipping weight kg 58 59 61 67

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

“Endless swimming season with the heat pump that fits your pool”
The Dura Pro heat pumps can be operated wirelessly with Link Touch (see page 28-29)

The desired water temperature can be adjusted in steps of 0.1 °C. On top of all these benefits you can enjoy the silence thanks to a unique internal ventilation structure that keeps the noise below 40 dB even reaching 30 dB in silent night mode. The unit is equipped with a 5” full colour touch screen display. Not only temperature and energy consumption can be easily monitored, but also all pressure related information coming from the built-in digital pressure sensor. Dura Pro is offered in 5 different models ranging from 12, 17, 21, 25 and 28T kW. Wifi control unit is available.

**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
- LINK Touch control ready
- Part of the DuraLink™ connected product range

**DURAPRO-12**
- 12 kW
- 230 VAC
- 1-phase
- 60 m³
- € 3,152,00

**DURAPRO-17**
- 17 kW
- 230 VAC
- 1-phase
- 75 m³
- € 4,038,00

**DURAPRO-21**
- 19.5 kW
- 230 VAC
- 1-phase
- 95 m³
- € 5,272,00

**DURAPRO-25**
- 24.2 kW
- 230 VAC
- 1-phase
- 120 m³
- € 6,874,00

**DURAPRO-28T**
- 28.3 kW
- 400 VAC
- 3-phase
- 169 m³
- € 7,236,00

**Wi-Fi DURAPRO**
- € 117,00
**Duras Pro**

<table>
<thead>
<tr>
<th>ORDERING CODE</th>
<th>UNITS</th>
<th>DURAPRO-12</th>
<th>DURAPRO-17</th>
<th>DURAPRO-21</th>
<th>DURAPRO-25</th>
<th>DURAPRO-28T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advised pool volume:*</td>
<td>m³</td>
<td>30 - 60</td>
<td>40 - 75</td>
<td>50 - 90</td>
<td>65 - 120</td>
<td>90 - 169</td>
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<tr>
<td>Operating air temperature:</td>
<td>°C</td>
<td>-15 ... 43</td>
<td>-15 ... 43</td>
<td>-15 ... 43</td>
<td>-15 ... 43</td>
<td>-15 ... 43</td>
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<tr>
<td>Heating Capacity:</td>
<td>kW</td>
<td>2.25 - 4.7</td>
<td>2.92 - 12.4</td>
<td>3.84 - 15.4</td>
<td>4.68 - 19.9</td>
<td>5.46 - 23.3</td>
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<tr>
<td>Air 27 °C / Water 26 °C / Humidity60%</td>
<td>Btu</td>
<td>6790 - 40800</td>
<td>12818 - 57800</td>
<td>15840 - 65000</td>
<td>19380 - 62300</td>
<td>21760 - 60220</td>
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<tr>
<td>Consumed power:</td>
<td>kW</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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</tr>
<tr>
<td>Heating Capacity:</td>
<td>kW</td>
<td>1.88 - 8.0</td>
<td>2.6 - 10.7</td>
<td>3.38 - 14.4</td>
<td>4.2 - 17.8</td>
<td>4.9 - 20.8</td>
</tr>
<tr>
<td>Air 15 °C / Water 26 °C / Humidity70%</td>
<td>Btu</td>
<td>6750 - 32980</td>
<td>9928 - 42160</td>
<td>13056 - 52360</td>
<td>15912 - 67660</td>
<td>18564 - 73220</td>
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<tr>
<td>Consumed power:</td>
<td>kW</td>
<td>0.32 - 2.08</td>
<td>0.44 - 2.86</td>
<td>0.61 - 3.81</td>
<td>0.72 - 4.74</td>
<td>0.83 - 5.49</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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</tr>
<tr>
<td>Heating Capacity:</td>
<td>kW</td>
<td>1.88 - 8.0</td>
<td>2.6 - 10.7</td>
<td>3.38 - 14.4</td>
<td>4.2 - 17.8</td>
<td>4.9 - 20.8</td>
</tr>
<tr>
<td>Air 10 °C / Water 26 °C / Humidity64%</td>
<td>Btu</td>
<td>6320 - 27200</td>
<td>8500 - 36380</td>
<td>11400 - 48060</td>
<td>14280 - 60520</td>
<td>16660 - 70720</td>
</tr>
<tr>
<td>Consumed power:</td>
<td>kW</td>
<td>0.33 - 1.95</td>
<td>0.46 - 2.64</td>
<td>0.62 - 3.62</td>
<td>0.75 - 4.4</td>
<td>0.87 - 5.4</td>
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<tr>
<td>COP</td>
<td>5.7 - 4.1</td>
<td>5.56 - 4.05</td>
<td>5.46 - 3.98</td>
<td>5.6 - 4.05</td>
<td>5.63 - 4.08</td>
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<tr>
<td>Power supply</td>
<td>VAC</td>
<td>230 V / 50 Hz</td>
<td>380-400 V / 3 Phase</td>
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<tr>
<td>Average power input</td>
<td>kW</td>
<td>0.99</td>
<td>1.38</td>
<td>1.72</td>
<td>2.1</td>
<td>2.46</td>
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<tr>
<td>Average running current</td>
<td>A</td>
<td>4.3</td>
<td>6</td>
<td>7.5</td>
<td>9.1</td>
<td>4.6</td>
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<tr>
<td>Current range</td>
<td>A</td>
<td>0.9 - 9.2</td>
<td>1.3 - 13.1</td>
<td>1.6 - 17.1</td>
<td>2 - 20.9</td>
<td>1.13 - 9.29</td>
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<tr>
<td>Compressor quantity</td>
<td>1</td>
<td>2</td>
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<td></td>
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<tr>
<td>Refrigerant</td>
<td>R32</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Fan quantity</td>
<td>1</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Fan power input</td>
<td>W</td>
<td>130</td>
<td>120</td>
<td>120</td>
<td>200</td>
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<tr>
<td>Fan rotary speed</td>
<td>RPM</td>
<td>600 - 800</td>
<td>600 - 750</td>
<td>600 - 900</td>
<td>400 - 800</td>
<td></td>
</tr>
<tr>
<td>Fan direction</td>
<td>Horizontal</td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Noise at 10m</td>
<td>dBA</td>
<td>25 - 32</td>
<td>27 - 34</td>
<td>28 - 35</td>
<td>29 - 36</td>
<td>31 - 38</td>
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<tr>
<td>Water connection</td>
<td>mm</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
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<tr>
<td>Nominal water flow</td>
<td>m³/h</td>
<td>4.2</td>
<td>5.3</td>
<td>6.6</td>
<td>8.6</td>
<td>10</td>
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<tr>
<td>Water pressure drop</td>
<td>kPa</td>
<td>4.5</td>
<td>5</td>
<td>6</td>
<td>11</td>
<td>15</td>
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<tr>
<td>Unit net dimensions (L<em>W</em>H)</td>
<td>mm</td>
<td>1003/396/767</td>
<td>1117/430/868</td>
<td>1117/430/868</td>
<td>1663/447/1275</td>
<td>1663/447/1275</td>
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<tr>
<td>Unit shipping dimensions (L<em>W</em>H)</td>
<td>mm</td>
<td>1130/460/790</td>
<td>1210/510/890</td>
<td>1210/510/890</td>
<td>1210/490/1300</td>
<td>1210/490/1300</td>
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<tr>
<td>Net weight</td>
<td>kg</td>
<td>59</td>
<td>77</td>
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<td>110</td>
<td>110</td>
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<tr>
<td>Shipping weight</td>
<td>kg</td>
<td>69</td>
<td>89</td>
<td>95</td>
<td>125</td>
<td>125</td>
</tr>
</tbody>
</table>

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

*Developed in Belgium and distributed worldwide*
Dura Com heat pumps for outdoor installation. They are capable of heating and cooling large pools all year round. 2 models are available, 95 kW and 145 kW.

**FEATURES & BENEFITS**
- 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
- Capable of heating & cooling
- Stainless steel casing

<table>
<thead>
<tr>
<th>Model</th>
<th>Power (kW)</th>
<th>Voltage (VAC)</th>
<th>Phase</th>
<th>Capacity (m³)</th>
<th>Price (€)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DURA+95T</td>
<td>95</td>
<td>400</td>
<td>3-phase+N</td>
<td>410</td>
<td>23,850.00</td>
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<tr>
<td>DURA+145T</td>
<td>145</td>
<td>400</td>
<td>3-phase+N</td>
<td>615</td>
<td>39,550.00</td>
</tr>
</tbody>
</table>

"Heat pumps with champion worthy performance"
Maintaining my heat pump

Your DURAHEAT 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 DURAHEAT 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.

Accessories

Drip Tray Heater for Dura+

FEATURES & BENEFITS

- Prevents ice build up at the bottom of the heatpump in extended season operation

HEAT

Dura Com

ORDERING CODE | UNITS | DURA+65T | DURA+145T
--- | --- | --- | ---
Advised pool volume | m³ | 410 | 615
Operating air temperature | °C | -10 | -10
Heating capacity | kW | 95 | 145
Air 25 °C / Water 25 °C | Btu | 324000 | 493000
Power Input | kW | 17.3 | 25.4
COP A25/W25 | | 6 | 6
Nominal current | A | 34.9 | 45.4
Power supply | | 400 V / 50 Hz / 3 Phase
Controller | | Electronic Control
Condenser | | Titanium Heat Exchanger
Compressor type | | Scroll
Compressor quantity | | 3 | 4
Refrigerant | | R410A
Pressure gauge | | YES
Fan quantity | | 3 | 2
Fan power input | W | 200 x 3 | 550 x 2
Fan rotary speed | RPM | 750 | 700
Fan direction | | Vertical
Noise at 10m | dBA | 44 | 46
Water connection | mm | 110
Nominal water flow | m³/h | 29 | 42
Water pressure drop (max) | kPa | 16 | 18
Unit net dimensions (L*W*H) | mm | 2150*730*1300 | 2000*900*1520
Unit shipping dimensions (L*W*H) | mm | 2310*860*1430 | 2150*1020*2080
Net weight | kg | 380 | 850
Shipping weight | kg | 440 | 920

* advised pool volume for 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"
HEAT Product Matrix

Heat pumps are sized according to the required heating (kW) of the swimming pool. Often the mistake is being made of installing an under-sized unit, meaning a heat pump with insufficient heating output (kW).

Under-sized heat pumps must run longer in order to heat your swimming pool, or will not even be able to reach set point temperature. These longer run times translate to decreased efficiency and higher operating costs.

Use the following instructions to approximate the size of heat pump you need to efficiently heat your swimming pool.
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 Hot Splash and 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@du ratech.be

CataZine 2020 is available online at www.duratech.be

“Thank you for your confidence in our products and people”  
Ariëtte & Marc Lamberts | CEO House of DURATECH
Distributor: