

NEW

THERMOBOX DUO LIGHT

HEATING &
COOLING AND
DOMESTIC
HOT WATER

HEAT PUMP

INDOOR MODULE

PLUG AND PLAY SOLUTION
THAT COMBINES A BUFFER
TANK AND DOMESTIC HOT
WATER CYLINDER IN
A SINGLE UNIT.
AVAILABLE IN MODELS
160/50 AND **200/50**.



A NEW PLUG & PLAY SOLUTION

The THERMOBOX DUO LIGHT is an indoor unit for Heat Pumps, designed to save time and space while avoiding installation errors or complications. It is composed of a Domestic Hot Water (DHW) storage tank and an buffer tank that can be connected to your Heat Pump. It includes the majority of the necessary accessories, making it a Plug and Play solution that reduces installation time and costs, while improving the energy efficiency of your home.

It can be used in conjunction with our Heat Pumps or any other Heat Pump.

 **PORTUGUESE MANUFACTURING**



100% HYDRAULIC INSTALLATION

THERMOBOX DUO LIGHT stands out for its simple and easy installation process (Plug and Play), 100% hydraulic and without handling fluorinated gases.

The two types of storages are kept separate from one another, making possible to use the buffer tank for cooling during the summer.



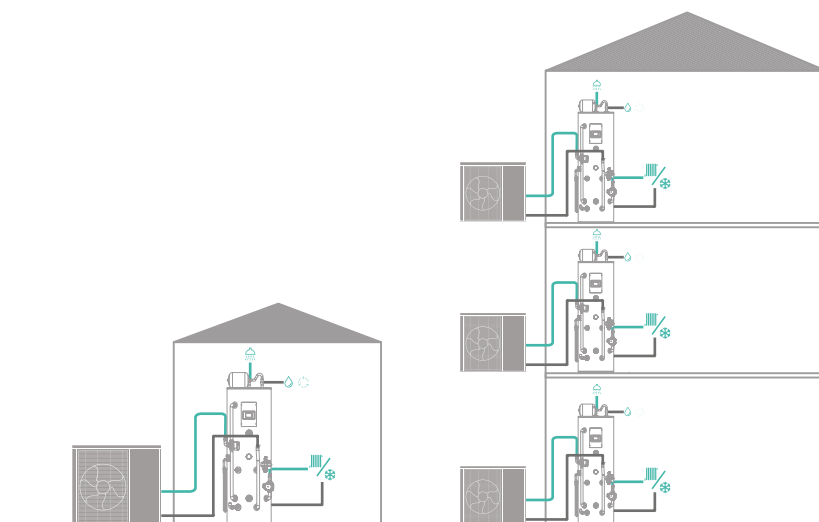
ERGONOMIC AND COMPACT

THERMOBOX DUO LIGHT interior unit was built with special regard for the space and area it takes inside the house, as well as the visual impact it causes. Allows for an easy integration, considering its reduced dimensions (60x60cm).

Is the ideal solution if you don't have much space available and you still want to have an efficient and environmentally friendly storage system.

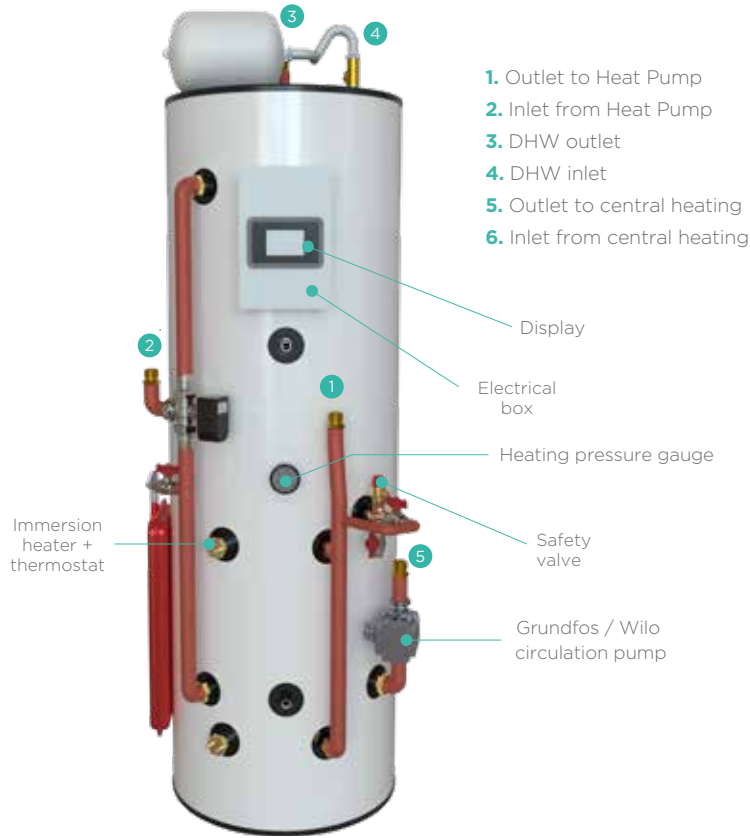
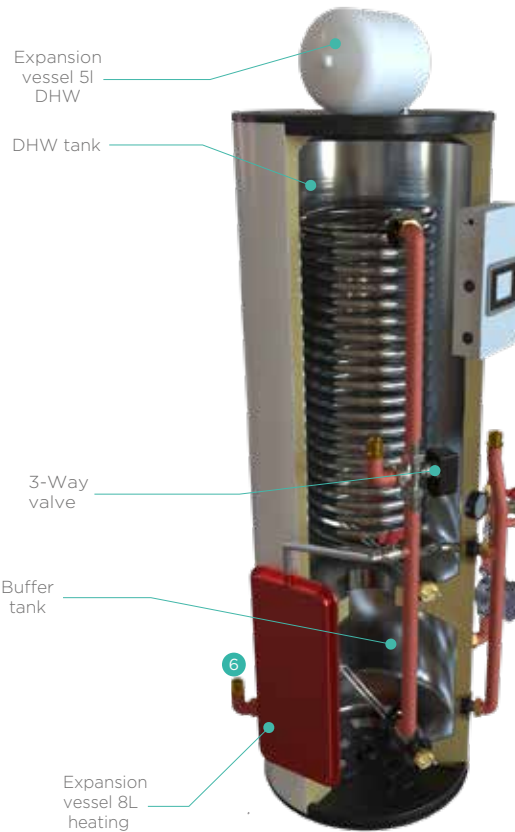
MULTIFACETED RANGE

The THERMOBOX DUO LIGHT range has available several models developed considering all types of housing, namely single and multifamily constructions. Models **160/50** and **200/50** are the ideal solutions for various construction projects, meeting Heating & Cooling and Domestic Hot Water needs (DHW).



| TECHNICAL DATA | | THERMOBOX DUO LIGHT 160/50 | | THERMOBOX DUO LIGHT 200/50 |
|---------------------|--|-------------------------------|---------------------------|-------------------------------|
| Working modes | | - | Heating/Cooling/DHW | |
| Unit management | | - | LCD Display | |
| DHW cylinder | | L | 160 | 180 |
| | Energy efficiency class | - | B | |
| Cooling capacity | | L | 50 | 50 |
| | Energy efficiency class | - | B | |
| Buffer tank | | - | Stainless Steel 444 | |
| Thermal insulation | Type | - | High density polyurethane | |
| | Thickness | mm | 50 | |
| | Thermal conductivity | W/mK | 0,025 | |
| Electrical backup | DHW immersion heater | W/A | 1500 / 6.5 | |
| | Buffer tank immersion heater (Optinal) | W | 1500 - 3000 | |
| Magnesium filter | Voltage | - | (optional) | |
| Dimensions & weight | Dimensions | mm | 600 / 1733 | 600 / 1885 |
| | Weight | kg | 128 | 153 |
| | Maximum temperature | °C | 80 | |
| Water circuit | DHW expansion vessel | L | 5 | |
| | Central heating expansion vessel | L | 8 | |
| | DHW safety valve | Bar | 7 | |
| | Central heating safety valve | Bar | 3 | |
| | Coil surface area | m ² | 1,6 | |
| | Circulation pump head | m | 8 | |
| | Drain | Ø/mm | 14 | |
| | Heat Pump connections | Inch. | 1" M | |
| | Central heating connections | Inch. | 1" M | |
| | DHW connections | Inch. | 3/4" M | |

Equipment: **THERMOBOX DUO LIGHT 160/50 | 200/50**



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