

EXCHANGERS

Heat Line



Unequipped



Plus with regulation and without circulating pump



Plus with regulation and circulating pump



Unequipped, Plus without circulating pump & with circulating pump

- + Compatible with all types of home heating systems (Heat Pump, Boiler, Geothermal, Solar)
- + Versatile installation concept
- + Digital regulation

DESCRIPTION

- Injected noryl Polyamide casing
- TITANIUM tubes
- Check valve
- Low consumption circulating pump, A class ⁽¹⁾
- Reversible interface (allowing right or left pool water inlet)
- Flow switch ⁽²⁾
- Pre-wired electric box with 230 V plug ⁽²⁾
- Digital regulation ⁽²⁾
- Reversible installation layout

(1) On «Plus» models with circulating pump (2) On «Plus» models with and without circulating pump

PRODUCT REFERENCES

| Model | HEATLINE 20 | HEATLINE 40 | HEATLINE 70 |
|--------------------------------|-------------|-------------|-------------|
| Unequipped | W49NT20 | W49NT40 | W49NT70 |
| Plus, without circulating pump | W49KT20W | W49KT40W | W49KT70W |
| Plus, with circulating pump | W49KT20 | W49KT40 | W49KT70 |

TECHNICAL FEATURES

| Model | | HEATLINE 20 | HEATLINE 40 | HEATLINE 70 |
|------------------------------|------------------------------------|---------------------|---------------------|---------------------|
| Max. pressure (pool circuit) | | 2 bar | | |
| Max. permitted temperature | | 90 °C | | |
| Connections | PRIMARY Heating (Unequipped model) | Ø26/34 F / Ø26/34 M | Ø26/34 F - Ø26/34 M | Ø26/34 F / Ø26/34 M |
| | SECONDARY Pool | PVC Ø63 ou 50 | | |
| Flow (M ³ /H) | PRIMARY Heating | 0,9 | 1,7 | 3 |
| | SECONDARY Pool | 10 | 15 | 20 |
| Load Loss (MMCE) | PRIMARY Heating | 150 | 200 | 300 |
| | SECONDARY Pool | 500 | 800 | 1000 |

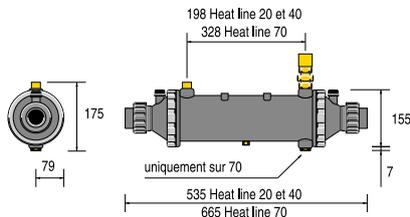
* Private open-air pool, temperate climate with an isothermal cover and primary at 90°C from May 15th to September 15th

HEATING PERFORMANCE

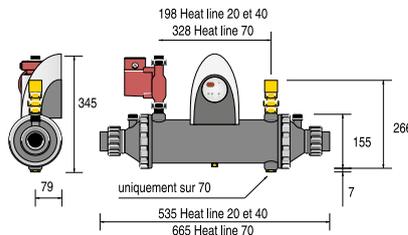
| Model | | HEATLINE 20 | HEATLINE 40 | HEATLINE 70 |
|---------------------------------|--|-------------|-------------|-------------|
| Power with primary at 90°C (kW) | | 20 | 40 | 70 |
| Power with primary at 60°C (kW) | | 8,5 | 17 | 30 |
| Power with primary at 45°C (kW) | | 4 | 8 | 14 |

DIMENSIONS (MM) AND WEIGHT

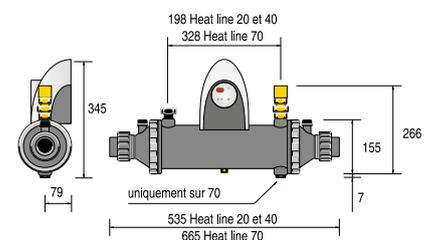
| Model | HEATLINE 20 | HEATLINE 40 | HEATLINE 70 |
|--------------------------------|-------------|-------------|-------------|
| Unequipped | 3 kg | 3 kg | 4 kg |
| Plus, without circulating pump | 4 kg | 4 kg | 5 kg |
| Plus, with circulating pump | 6,5 kg | 7 kg | 12 kg |



Heat Line Unequipped



Heat Line Plus with circulating pump



Heat Line Plus without circulating pump

INSTALLATION

- In the technical facility nearby the boiler at the filtering system output (without a by-pass). Horizontal in-line position on the pipe. Primary supply from above.
- Single-phase electric power supply 230V
- Primary and secondary circuits' flow may be reversed by turning the exchanger.
- Special cases: exchanger powered using solar panels.
- The exchanger must be chosen according to pool heating requirements, exchanger specifications with primary at 45°C or 60°C (see specifications table) and power returned by the solar panels. In all cases, the exchanger must be supplied from a solar tank installed between the panels and the exchanger.
- Heat Line exchangers are not compatible with direct connection to solar panels.
- Caution: maximum primary source temperature = 90°C Maximum pressure = 2 bar. Exchanger installed with existing wall-mounted boiler or with boiler whose regulator is in the boiler's interior.

