

ESCALADE

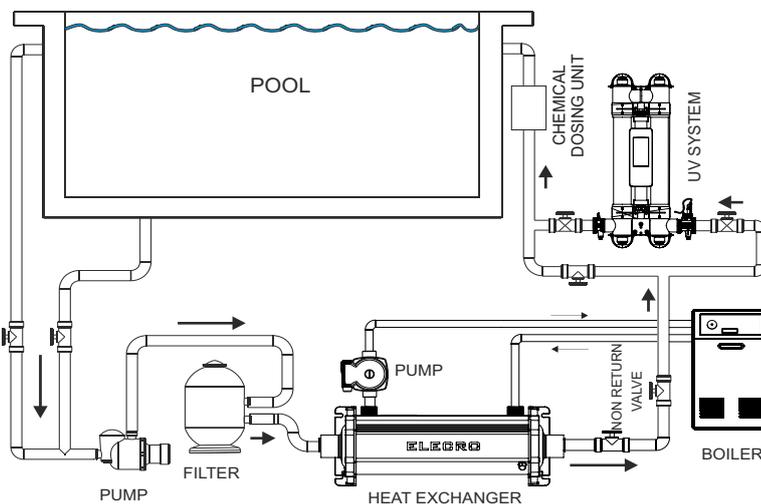
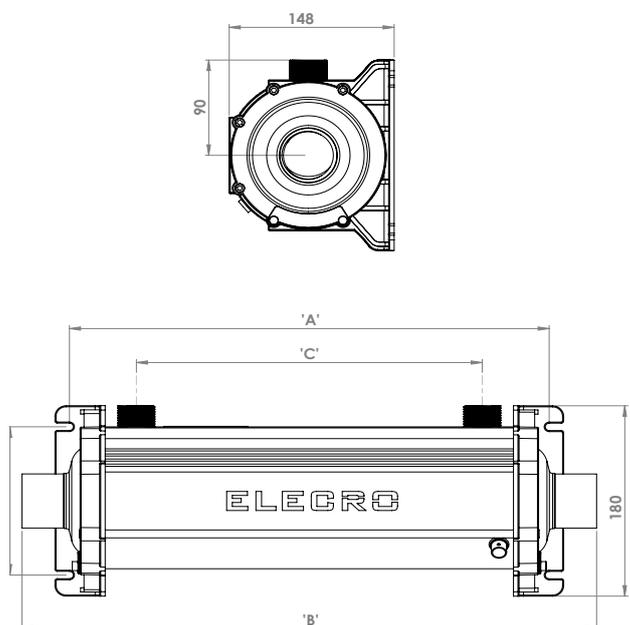
The Escalade is a fully welded titanium spiral tube heat exchanger that has a high-pressure tolerance and is the perfect solution for most demanding applications.



FEATURES

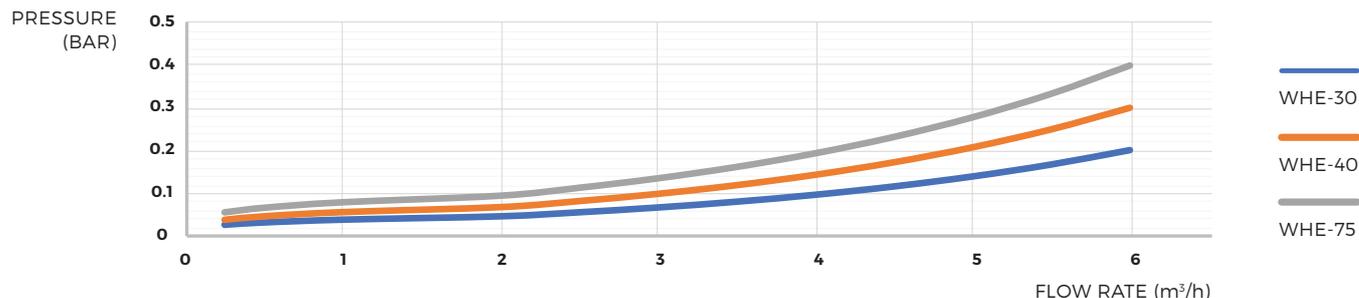
- Three models ranging from 30-kW to 75-kW
- High efficiency, titanium spiral coil is fully immersed in the secondary chamber
- Coiled grade 1 titanium primary casing
- Salt and sea water compatible
- 30 bar (primary) and 5 bar (secondary) pressure tolerance
- Low pressure drop
- With optional Smart Touchscreen Controller and Booster Pump
- Temperature and flow sensor port
- Floor or wall mountable

TECHNICAL DRAWINGS

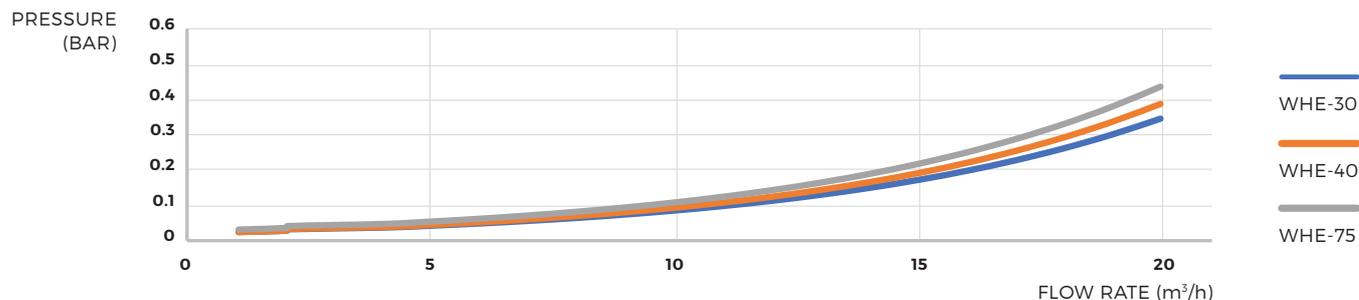


PRESSURE DROP

PRESSURE DROP PRIMARY CIRCUIT



PRESSURE DROP SECONDARY CIRCUIT



SPECIFICATIONS

PRIMARY CIRCUIT

| | |
|--------------------------|-------------------------|
| FLOW TUBE | Coiled grade 1 titanium |
| WATER CONNECTIONS | 1" BSP male fittings |
| WORKING PRESSURE | 30 bar maximum |

SECONDARY CIRCUIT

| | |
|--------------------------|--------------------------|
| FLOW TUBE | Grade 1 titanium |
| WATER CONNECTIONS | 1.5" BSP female fittings |
| WORKING PRESSURE | 5 bar maximum |

MODELS

| PRODUCT CODES | STANDARD POWER OUTPUT | DIMENSION 'A' | DIMENSION 'B' | DIMENSION 'C' | NET WEIGHT | GROSS WEIGHT | VOLUME |
|---------------|-----------------------|---------------|---------------|---------------|------------|--------------|--------|
| | | mm | mm | mm | | | |
| WHE-30 | 30-kW (102K BTU) | 382 | 476 | 262 | 3.0 | 3.9 | 0.055 |
| WHE-40 | 40-kW (136K BTU) | 430 | 515 | 310 | 3.2 | 4.1 | 0.055 |
| WHE-75 | 75-kW (256K BTU) | 674 | 759 | 554 | 4.9 | 6.2 | 0.075 |

| STANDARD OUTPUT | PRIMARY FLOW | PRIMARY PRESSURE LOSS | SECONDARY FLOW | SECONDARY PRESSURE LOSS | ΔT 50 °C | ΔT 60 °C | ΔT 70 °C |
|-----------------|--------------|-----------------------|----------------|-------------------------|----------|----------|----------|
| | | Bar | | Bar | | | |
| 30-kW | 1.1 | 0.061 | 12 | 0.05 | 26 | 30 | 34 |
| 40-kW | 2.4 | 0.068 | 15 | 0.05 | 34 | 37 | 40 |
| 75-kW | 3.0 | 0.068 | 18 | 0.07 | 54 | 64 | 75 |