The ALPHA2 L:

- is based on the field proven ALPHA2 with more than 3 million units sold
- cuts energy consumption by up to 80% compared to traditional pumps
- uses as little as 81 kWh per year (based on 150 m² standard house with 6840 heating hours per year)
- is adaptable to any type of heating system – one- or two-string – with radiators or under floor heating.

**TECHNICAL DATA**

- **Supply voltage:** 1 x 230 V – 50/60 Hz
- **Flow rate, Q_{max}**:
  - 2.4 m³/h
- **Liquid temperature:** +2° C to +110° C (TF 110)
- **System pressure, P_{max}**:
  - 1.0 MPa/10 bar
- **Power Range**: 5-45 W
- **Ambient temperature**: 0° C to +40° C
- **EEI**: ≤ 0.23
- **Enclosure class**: IP 42
- **Insulation class**: F

**PERFORMANCE CURVES**

**ALPHA2 L XX-40**

1. Constant speed curve 1
2. Constant speed curve 2
3. Constant speed curve 3
4. Proportional pressure curve low
5. Proportional pressure curve high
6. Constant differential pressure curve low
7. Constant differential pressure curve high

**ALPHA2 L XX-60**

1. Constant speed curve 1
2. Constant speed curve 2
3. Constant speed curve 3
4. Proportional pressure curve low
5. Proportional pressure curve high
6. Constant differential pressure curve low
7. Constant differential pressure curve high
ALPHA2 L
IN MORE DETAILS

Everything under control
• 7-segment power display provides an easy overview of all that is going on in the pump

Proportional pressure mode
• If the proportional pressure mode is selected, the differential pressure varies proportionally with the flow, i.e. higher flow means higher differential pressure
• Proportional pressure is the preferred choice for one-string systems with high flow variation
• Proportional pressure curve (high and low)

Constant speed mode
• Three constant speed modes for constant flow applications

Constant pressure mode
• The pump maintains constant pressure regardless of the flow
• The preferred operation mode for under floor heating and 2 string systems with low flow variation
• Constant pressure curves (low and high)

Easy operation
• Intuitive one-touch operation makes control mode selection simple

Easy connection
• The improved ALPHA plug makes electrical installation easier than ever before

ALPHA2 L is also available in stainless steel and airvent versions.