



The ALPHA2 L meets and exceeds the EuP 2015 legislative requirements.

ALPHA2 L

AFFORDABLE ENERGY EFFICIENCY

The ALPHA2 L is a cost effective yet high-performing circulator. This reliable pump complies with the strict EuP requirements and is the ideal choice in applications where the well-known UPS has been used to fulfil basic circulator needs.

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ALPHA2 L

POWER

The ALPHA2 L:

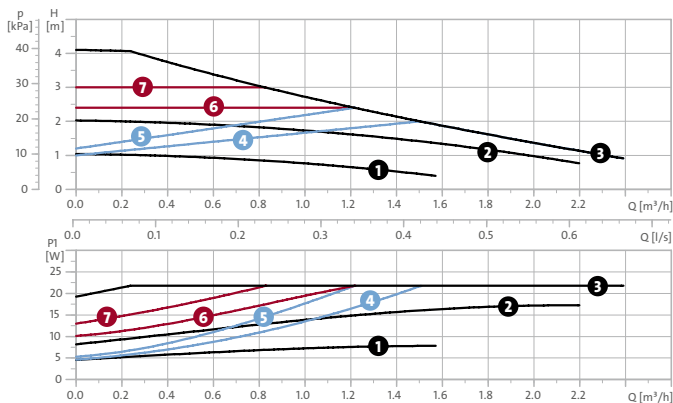
- is based on the field proven ALPHA2 with more than 3 million units sold
- cuts energy consumption by up to 80% compared to traditional pumps
- uses as little as 81 kWh per year (based on 150 m² standard house with 6840 heating hours per year)
- is adaptable to any type of heating system – one- or two-string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

TECHNICAL DATA

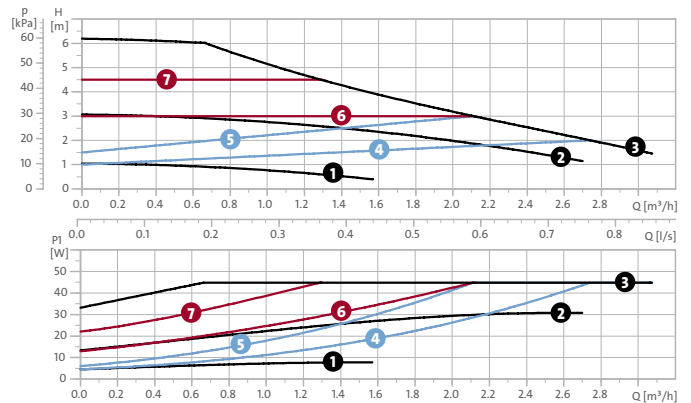
Supply voltage:	1 x 230 V – 50/60 Hz
Flow rate, Q_{max}:	2.4 m ³ /h
Liquid temperature:	+2° C to +110° C (TF 110)
System pressure, P_{max}:	1.0 MPa/10 bar
Power Range:	5-45 W
Ambient temperature:	0° C to +40° C
EEL:	≤ 0.23
Enclosure class:	IP 42
Insulation class:	F

PERFORMANCE CURVES

ALPHA2 L XX-40



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

be
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ALPHA2 L IN MORE DETAIL

Everything under control

- 7-segment power display provides an clear 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

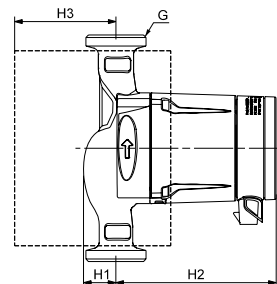
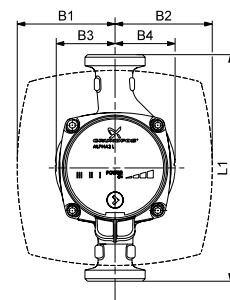
- Intuitive one-touch operation makes control mode selection simple

Easy connection

- The improved ALPHA plug makes electrical installation easier than ever before

TYPES AND DIMENSIONS

Pump type	sEEI	Dimensions (mm)										Insulation Shells (set)	Product number
		L1	B1	B2	B3	B4	H1	H2	H3	G			
ALPHA2 L 15-40 130 1x230V 50Hz 6H	0.23	130	78	78	46	49	27	129	58	1	505821	95047560	
ALPHA2 L 15-50 130 1x230V 50Hz 6H	0.23	130	78	78	46	49	27	129	58	1	505821	98288721	
ALPHA2 L 15-60 130 1x230V 50Hz 6H	0.23	130	78	78	46	49	27	129	58	1	505821	96984037	
ALPHA2 L 20-40 130 1x230V 50Hz 6H	0.23	130	78	78	46	49	27	129	58	1/4	505821	98288722	
ALPHA2 L 20-50 130 1x230V 50Hz 6H	0.23	130	78	78	46	49	28	129	58	1/4	505821	98288723	
ALPHA2 L 20-60 130 1x230V 50Hz 6H	0.23	130	78	78	46	49	27	129	58	1/4	505821	98288724	
ALPHA2 L 25-40 180 1x230V 50Hz 6H	0.23	180	78	78	46	48	26	127	81	1/2	505821	95047562	
ALPHA2 L 25-40 130 1x230V 50Hz 6H	0.23	130	78	78	46	49	27	129	79	1/2	505821	95047561	
ALPHA2 L 25-50 130 1x230V 50Hz 6H	0.23	130	77	78	46	49	27	129	79	1/2	505821	98288726	
ALPHA2 L 25-50 180 1x230V 50Hz 6H	0.23	180	78	77	47	48	26	127	81	1/2	505821	98124072	
ALPHA2 L 25-60 130 1x230V 50Hz 6H	0.23	130	77	78	46	49	27	129	79	1/2	505821	95047563	
ALPHA2 L 25-60 180 1x230V 50Hz 6H	0.23	180	78	77	47	48	26	127	81	1/2	505821	95047564	
ALPHA2 L 32-40 180 1x230V 50Hz 6H	0.23	180	78	78	47	48	26	127	81	2	505821	95047565	
ALPHA2 L 32-50 180 1x230V 50Hz 6H	0.23	180	78	77	47	48	26	127	81	2	505821	98288729	
ALPHA2 L 32-60 180 1x230V 50Hz 6H	0.23	180	78	77	47	48	26	127	81	2	505821	95047566	



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

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