

UPS2 UNIVERSAL REPLACEMENT PUMP

COMPACT, HIGH EFFICIENCY, EUP 2015 COMPLIANT REPLACEMENT FOR GRUNDFOS UPS 4M, 5M AND 6M CIRCULATOR PUMPS IN TIGHT-FIT INSTALLATIONS SUCH AS BOILERS.

Legendary Grundfos reliability coupled with maximum compatibility and fast, easy retrofit.

- THROUGH NEW ELECTRONICS AND HYDRAULICS, JUST ONE MODEL OF UPS2 REPLACES 4M, 5M OR 6M VERSIONS OF OLD UPS.
- IDENTICAL CABLE GLAND MINIMISES REWIRING TIME.

And where the existing base is in a good condition, just buy and replace the pump head!

- NO NEED TO DISCONNECT PIPEWORK.
- MINIMISES ACCESS ISSUES AND LEAKAGE RISKS.



Technical data

Flow Rate, Q max:	3.4 m ³ /h
Head, H max:	6.2 m
Liquid Temperature:	+2° C to +95° C (TF 95)
System pressure, P max:	1.0 MPa / 10 bar
Power Range:	7-48 W
Ambient Temperature:	0° C to +40° C (+55° C in closed cabinets)
Fittings:	1½" BSP
EEL:	≤ 0.23

EASY UNIVERSAL REPLACEMENT

THREE PUMPS IN ONE

Choose the setting that fits the demands of your system and you are ready to go. The UPS2 gives you the choice of 4m, 5m or 6m. A power failure is no problem – the pump remembers its setting.

FIXED AND VARIABLE SPEED MODES

A permanent magnet motor delivers enhanced energy efficiency in any of the three fixed speed modes or for even greater savings a proportional pressure mode will vary speed according to demand. For use with twin pipe heating systems this works well with systems using thermostatic radiator valves to reduce both system noise and energy use.

CONTROL BOX

Featuring a new, easy wire terminal block, the control box of the UPS2 can be mounted to the left, right or top.

CABLE GLAND

The cable gland in the UPS2 is the same as the original UPS, minimising wiring time.

PUMP HEAD

If the existing pump base is in a good condition (e.g. free from corrosion), you can choose to minimise installation time and replace only the pump head of the old pump if you wish. The UPS2 is compatible with all ALPHA, ALPHA Pro, ALPHA+ and UPS 100 4m, 5m and 6m housings.

SIZE

The UPS2 has almost identical dimensions to the UPS (see below).

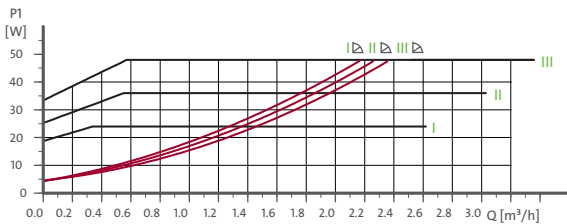
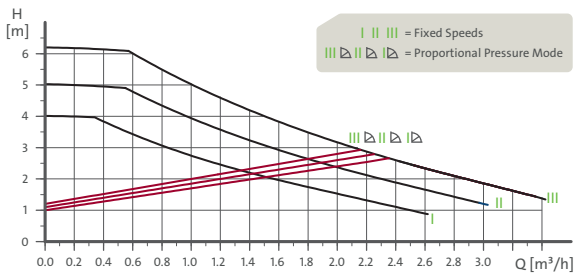
SCREW

The UPS2 has direct access to the deblocking vent/screw.



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Pump curves and power draw

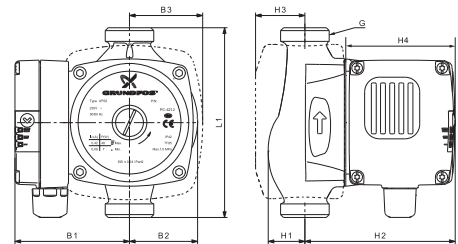


Conversion table

CURRENT PUMP	SPEED SETTING ON OLD UPS BEING REPLACED	EQUIVALENT SETTING ON NEW UPS2
UPS 15-50	I	I
	II	II
	III	II
UPS 15-60	I	I
	II	II
	III	III

Types and dimensions

Pump Type	≤ EEI	Dimensions (mm)									Weights (kg)		Ship. Vol. (m³)	Product number
		L1	B1	B2	B3	H1	H2	H3	H4	G	Net	Gross		
GB														
UPS2 15-50/60	0.23	130	79	47	87	29	102	81	76	1½	2.65	2.85	0.004	98334549
UPS2 PH-50/60	0.23	-	-	-	-	-	-	-	76	-	1.8	2	0.004	98334563



Please note, the term "universal" is used here to refer to the ability of the UPS2 15-50/60 to replace Grundfos UPS 15-50, UPS 15-60, UPS 100, ALPHA, ALPHA Pro and ALPHA2 (excluding those operating in constant pressure or AUTOADAPT mode). Whilst in many cases fixed speed control and standard wiring is used, allowing widespread compatibility, due to the large variety of implementations and differing approaches to electronic control, Grundfos cannot guarantee universal compatibility with all end user products incorporating Grundfos products with alternative model numbers. If in doubt please contact the equipment manufacturer.

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