

Qty.	Description
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1	UPS3 15-50/65 130
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Note! Product picture may differ from actual product

Product No.: [99199622](#)

High efficiency canned-rotor circulator, designed for circulating liquids in domestic heating systems. Is suitable as stand-alone or integrated circulator pump in existing systems as replacement or in new heating systems.

The pump features three control modes:

- Constant pressure control with two setting  
Proportional pressure control with two settings  
Constant curve mode with three settings

Furthermore, the speed can be controlled by a low-voltage PWM (Pulse Width Modulation) profile A – Heating

Additionally, easy and user-friendly one-button interface makes replacement and settings simple and fast.

LEDs indicate the actual operating status as well as warnings and alarms

The design of the pump and chosen materials contribute to long life. The pump is self-venting through the system, which contributes to easy commissioning. The compact design, featuring a pump head with an integrated control box, fits into most common installations, as well as boilers, due to the ambient temperature range. Pump and motor form an integral unit without a shaft seal. The bearings are lubricated by the pumped liquid. These constructional features ensure maintenance-free operation. Servicing screw accessible from the front allows for easy access to the pump shaft if necessary to deblock the pump once installed.

The pump housing is made of cast iron. The pump housing is electrocoated to improve corrosion resistance.

The motor is a synchronous permanent-magnet motor characterised by high efficiency. The pump speed is controlled by an integrated frequency converter incorporated in the control box.

The benchmark for the most efficient circulators is EEI 0.20.

**Liquid:**

Pumped liquid: Water  
Liquid temperature range: 2 .. 95 °C  
Selected liquid temperature: 60 °C  
Density at selected liquid temperature: 983.2 kg/m<sup>3</sup>

**Technical:**

TF class: 95  
Approvals on nameplate: CE,VDE

**Materials:**

Pump housing: Cast iron  
EN 1561 EN-GJL-150  
ASTM A48-150B

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	<p>Impeller: Composite</p> <p><b>Installation:</b></p> <p>Range of ambient temperature: 0 .. 55 °C</p> <p>Maximum operating pressure: 10 bar</p> <p>Pipe connection: G 1 1/2</p> <p>Pressure rating: PN 10</p> <p>Port-to-port length: 130 mm</p> <p><b>Electrical data:</b></p> <p>Power input - P1: 4 .. 60 W</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 1 x 230 V</p> <p>Maximum current consumption: 0.05 .. 0.52 A</p> <p>Enclosure class (IEC 34-5): X4D</p> <p>Insulation class (IEC 85): F</p> <p><b>Others:</b></p> <p>Energy (EEI): 0.20</p> <p>Net weight: 1.99 kg</p> <p>Gross weight: 2.09 kg</p> <p>Shipping volume: 0.004 m³</p> <p>Country of origin: DK</p> <p>Custom tariff no.: 84137030</p>

Description	Value
<b>General information:</b>	
Product name:	UPS3 15-50/65 130
Product No:	99199622
EAN number:	5712608550621
<b>Technical:</b>	
Head max:	50/65 dm
TF class:	95
Approvals on nameplate:	CE,VDE
Model:	A
<b>Materials:</b>	
Pump housing:	Cast iron
	EN 1561 EN-GJL-150
	ASTM A48-150B
Impeller:	Composite
<b>Installation:</b>	
Range of ambient temperature:	0 .. 55 °C
Maximum operating pressure:	10 bar
Pipe connection:	G 1 1/2
Pressure rating:	PN 10
Port-to-port length:	130 mm
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	2 .. 95 °C
Selected liquid temperature:	60 °C
Density at selected liquid temperature:	983.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Power input - P1:	4 .. 60 W
Mains frequency:	50 Hz
Rated voltage:	1 x 230 V
Maximum current consumption:	0.05 .. 0.52 A
Enclosure class (IEC 34-5):	X4D
Insulation class (IEC 85):	F
Motor protec:	NONE
Thermal protec:	ELEC
<b>Controls:</b>	
Pos term box:	9H
<b>Others:</b>	
Energy (EEI):	0.20
Net weight:	1.99 kg
Gross weight:	2.09 kg
Shipping volume:	0.004 m <sup>3</sup>
Sales region:	GB
Country of origin:	DK
Custom tariff no.:	84137030



