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1	ALPHA1 25-80 N 180
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Note! Product picture may differ from actual product

Product No.: [99199594](#)

Grundfos ALPHA1 high-efficiency circulator pumps are designed for circulating liquids in heating systems. The stainless-steel variant of ALPHA1 is suitable for e.g. domestic hot-water systems. With an energy efficiency index (EEI) at the ErP benchmark for most efficient pumps, it contributes to energy savings.

The pump can operate in proportional-pressure, constant-pressure and constant-curve mode. The control mode is selected using the button on the display. The LEDs indicate the operating status, actual power consumption in watt as well as warnings and alarms.

The design and chosen materials of the pump 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.

The 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.

Pump housings made of cast iron are electrocoated to improve corrosion resistance. The motor is a synchronous permanent-magnet/compact-stator motor characterised by high efficiency. The pump speed is controlled by an integrated frequency converter incorporated in the control box.

Insulating shells are supplied with pumps to minimise heat loss in heating systems.