

Submittal Data

PROJECT: _____	UNIT TAG: _____	QUANTITY: _____
REPRESENTATIVE: _____	TYPE OF SERVICE: _____	DATE: _____
ENGINEER: _____	SUBMITTED BY: _____	DATE: _____
CONTRACTOR: _____	APPROVED BY: _____	DATE: _____
	ORDER NO.: _____	DATE: _____

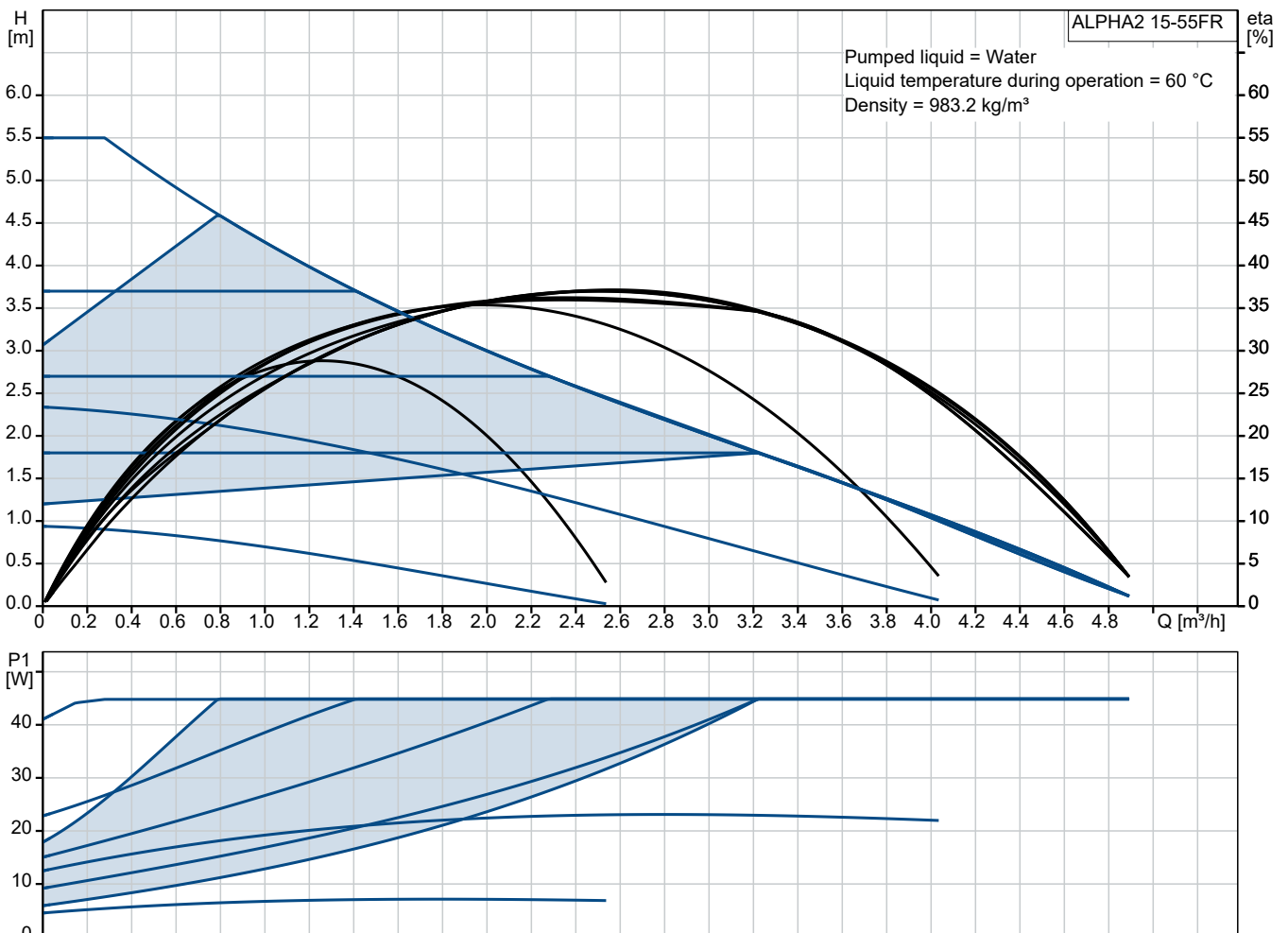


ALPHA2 15-55FR

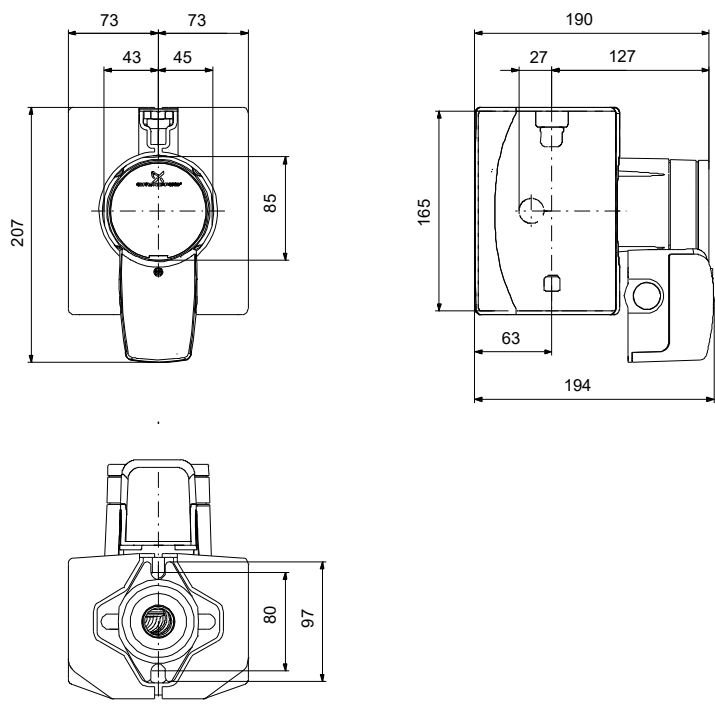
ALPHA2 15-55 is a high-efficiency ECM variable speed circulator designed for a variety of heating and hot-water recirculation applications. The pump features AUTOADAPT and constant-pressure control modes.

Note! Product picture may differ from actual product

Conditions of Service		Pump Data		Motor Data	
Liquid:	Water	Liquid temperature range:	2 .. 110 °C	Mains frequency:	60 Hz
Temperature:	60 °C	Maximum ambient temperature:	40 °C	Enclosure class:	IP42
Specific Gravity:	0.985	Pipe connection:	1 1/2	Thermal protection:	ELEC
		Product number:	99163932		



Submittal Data



Materials:
Pump housing: Cast iron
Impeller: Composite

Qty. Description

1 ALPHA2 15-55FR



Note! Product picture may differ from actual product

Product No.: [99163932](#)

The Grundfos ALPHA2 is a high-efficiency, variable speed circulator fitted with electronically commutated motor. Designed for circulating liquids in heating systems.

It features a constant pressure control mode and a constant curve with each three settings.

The factory default setting is AUTOADAPT which continuously adjusts the pump performance to the actual heat demand, i.e.

the size of the system and the changing heat demand during the year.

The function will find the setting that provides optimal comfort with minimal energy consumption.

It contributes to fast, safe and easy commissioning.

The intuitive one-button operation and LED display makes the selection of the settings easy. The large LED display shows the current energy consumption in Watts and estimated flow in gallons per minute.

ALPHA2 materials and design are resistant to blockage from magnetite found in hydronic systems.

The robust startup enables ALPHA2 to continuously attempt to restart – indefinitely – in blocked rotor conditions.

ALPHA2 is complete with an integrated check-valve, and nut captures for flanges.

For power connection two options are available with either line cord or terminal box for conduit connections.

Liquid:

Pumped liquid: Water
Liquid temperature range: 2 .. 110 °C
Selected liquid temperature: 60 °C
Density: 983.2 kg/m³

Technical:

Rated flow: 2.44 m³/h
Rated head: 2.5 m
TF class: 110
Approvals: ETL, FCC

Materials:

Pump housing: Cast iron
EN 1561 EN-GJL-150
Impeller: Composite
Ultrason E 2010 G6 (PES 30%GF)

Installation:

Range of ambient temperature: 0 .. 40 °C
Maximum operating pressure: 10 bar
Type of connection: GF



Company name:

Created by:

Phone:

Date:

01/04/2025

Qty.	Description
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1	Pipe connection: 1 1/2 Pressure rating for connection: PN 10 Port-to-port length: 165 mm Electrical data: P1 min.: 5 W Max. P1: 45 W Mains frequency: 60 Hz Rated voltage: 1 x 115 V Minimum current consumption: 0.1 A Maximum current consumption: 0.65 A Enclosure class (IEC 34-5): IP42 Insulation class (IEC 85): F Built-in motor protection: NONE Others: Terminal box position: 6H Net weight: 3.05 kg Gross weight: 3.33 kg Shipping volume: 0.008 m ³
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