

Foam Cleaning Equipment

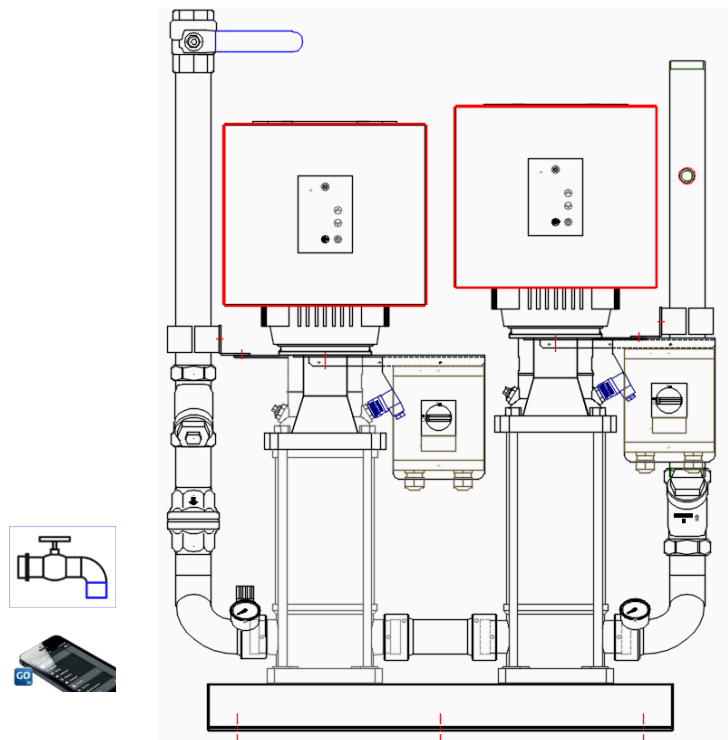
PumpSet Freq. 40-310P **IE5**

High Pressure. Press. Supply

Item no.: 89947



ScanFoam®



PumpSet Freq. 40bar 310L/min. 11kW. Transmitter control.

PS Freq. **IE5**
40-310P

Purpose and use

The Frequency controlled PumpSet Freq. 40-310P **IE5** is powerful and designed for easy use and service. It is normally floor mounted and is for sites that require cleaning by high pressure.

Basically it is very simple to use. When there is a demand for water, it automatically starts activated by Transmitter / Grundfos Stop Function. When there is no more need for water, it automatically stops.

It is built for supplying pressure boosted water to Injectors, Aut.Satellites and other cleaning equipment.

Features / benefits

Functions:	Frequency controlled automatic booster pump for high pressure cleaning etc. in harsh environment
Operator friendly:	Easy understanding of the functions LED indicators for status and Alarm
Automatically control:	Starts automatically on demand for water. It stops slowly (~30 sec) when there is no need for water. Motor and pump is over heat protected.
Options:	Grundfos GO. Setup via MI301





General Description

The Frequency controlled PumpSet Freq. 40-310P IE5 is built to boost the water pressure for foam cleaning equipment such as Injectors etc. The system is made mostly of stainless steel so it is robust against harsh environments.

As standard a non-return valve is mounted in the water outlet to secure the pump and the water supply system against pressure shocks. A filter is mounted in the water Inlet.

The control system automatically starts the pump when there is a demand for water. The frequency control system makes the pump go from OFF to full load in 3 seconds. When there is no need for water it automatically stops slowly. This way of start-up and slow down makes it more comfortable for the cleaning operator. Besides that it avoids high current shock in the power supply system.

The unit is programmable by the optional remote control MI301 / M201 and an App on an Android or iOS smartphone.

Placing Orders and Enquiries

Correspondence concerning new orders or progressing existing orders, contact: **Mr. Anders S. Christensen**

Technical enquiries

Enquiries relating to product performance should be directed to:

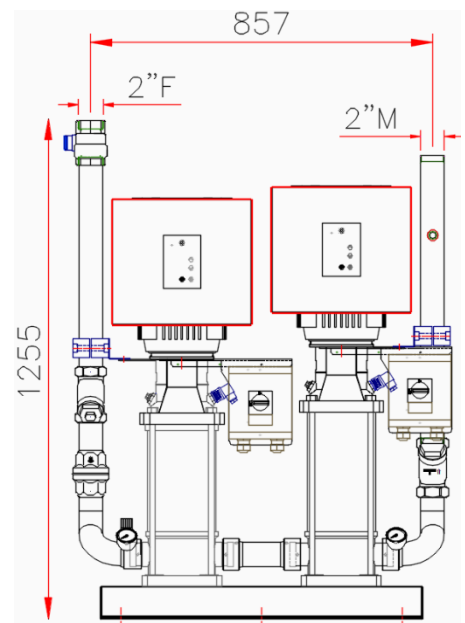
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Specifications

Working area:	Pressure boost range min/max:	30 -> 40 bar
	Flow max at 32 bar boost:	310 l/min
	No. of users flushing 22L/min:	14
Water inlet:	Connection:	2" BSP (Female)
Limitation:	Min. feed pressure at full flow:	2 bar
	Max. feed pressure:	8 bar
	Max. temperature:	70 °C
Example:	5 bar inlet pressure and 30 bar boost give a total of 35 bar	
Power supply	3x400 VAC 50Hz	
	Power consumption max:	2X 11 kW
	Backup fuse size Aut./T. Max:	2X 32 Amp
	Re. dimensioning, always use the local rules.	
	EU compliance	IE5
Weight:		~235 kg
Alarm:	Motor over heated; phase drop out Pump temperature overheat	
Information:	Red and green LED	Alarm, Standby, Running
Includes	Built in double safety:	2X Non-Return Valves
	Low pressure Water Inlet Protection	82701



Options:

- Stand: Feet for floor standing.
- PLC control: The PumpSet has several options for remote control. E.g. variable pressure setting etc.
- MI301: Handheld remote programming and reporting unit by the Grundfos GO App.

NOTE! For transmitter control / Grundfos Stop-Func.

The outlet tube system must be tight. Leakage must not exceed 1% pressure loss in a period of 10 minutes.