

# Foam Cleaning Equipment PumpSet Freq. 40-210P IE5

High Pressure. Press. Supply

Item no.: 89906



*PumpSet Freq. 40bar 210L. Transmitter control.*

PS Freq. IE5  
40-210P

## Purpose and use

The Frequency controlled PumpSet Freq. 40-210P 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 / M201.





## General Description

The Frequency controlled PumpSet Freq. 40-210P 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:

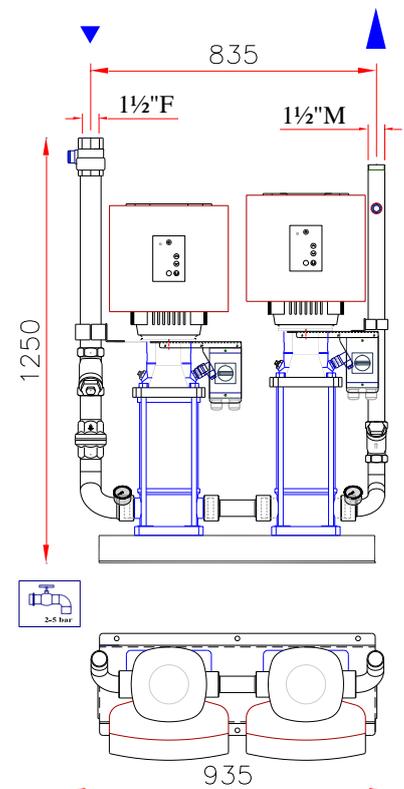
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## Specifications

Working area:	Pressure boost range min/max:	37 -> 40 bar
	Flow max at 35 bar boost:	210 l/min
	No. of users flushing 23-25L/min:	7-8
Water inlet:	Connection:	1½" BSP (Female)
Limitation:	Min. feed pressure	2 bar
	Max. feed pressure	8 bar
	Max. temperature	70 °C
Example:	5 bar inlet pressure and 31 bar boost give a total of 36 bar	
Power supply	3x400 VAC 50Hz	
	Power consumption max.	2X 7,5 kW
	Backup fuse size Aut./T. Max.	2X 32 Amp
	Re. dimensioning, always use the local rules.	
	EU compliance	<b>IE5</b>
Weight:	~225 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 / M201	Hand held 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.