

# Foam Cleaning Equipment

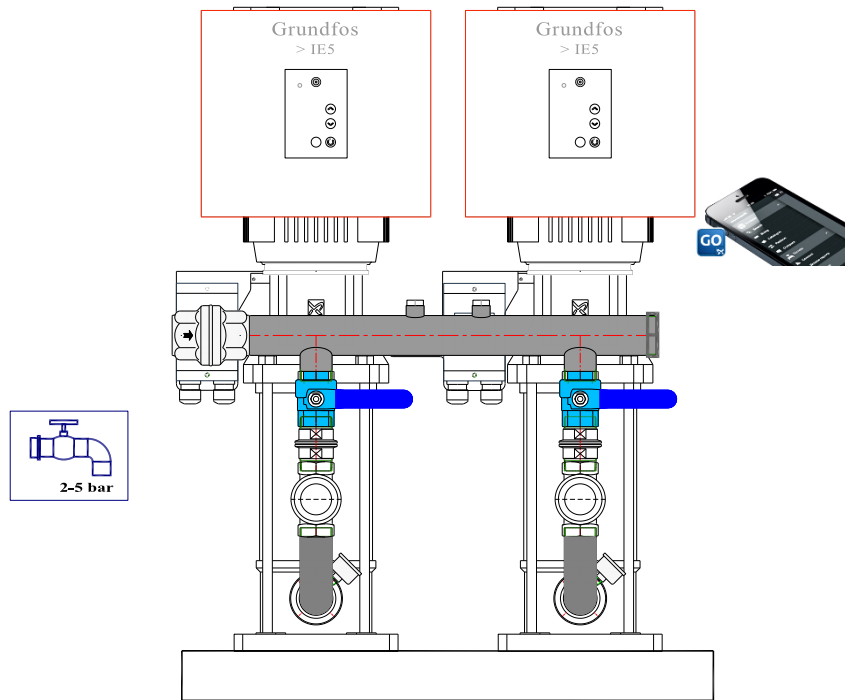
PumpSet Freq. 25 - 120/250/420/620 Pr **IE5**

Medium Press. PRESS. supply. Transmitter

Item no.: 91110/ 91120/ 91130/ 91140



**ScanFoam**<sup>®</sup>  
CLEANING EQUIPMENT Aps



*PumpSet Freq. 25bar 420/620 and optional GO-remote. Stop-Function control*

## Purpose and use

The PumpSet Freq. 25 - 120/250/420/620 Pr **IE5** is compact and designed for easy use and service. It is normally floor or wall mounted and is for sites that require cleaning by high pressure. Water supply from a Tank.

Basically it is very simple to use. When there is a demand for water, it automatically starts activated by a flow switch. 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<br>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.<br>Motor and pump is over heat protected. |
| Options:               | Hand held remote control: Grundfos GO. Duty Standby  |

**PS Freq. IE5**  
25-120/250/420/620 TM  
Press. Supply



## General Description

The Frequency controlled PumpSet Freq. 25 - 120/250/420/620 Pr 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 a few 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.

## Ordering Information

All orders will be acknowledged by e-mail, unless other special arrangements have been made. Shipping: All correspondence concerning shipping, should be directed: [order@scanfoam.com](mailto:order@scanfoam.com) or by phone.

## Technical enquiries

Enquiries relating to product performance should be directed to:

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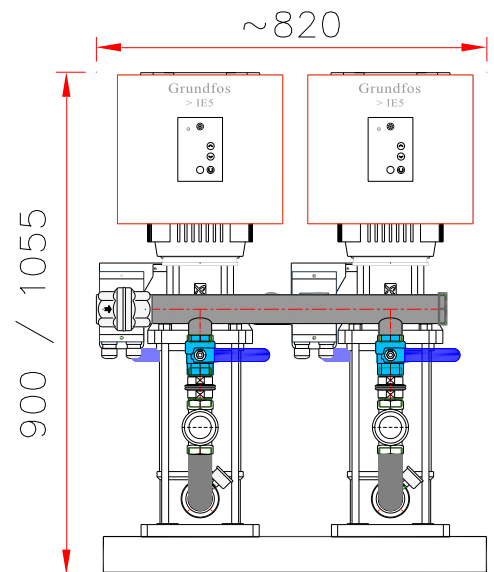
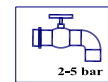
## Specifications

Working area:	Boost max:	19 / 19 / 20 / 20 bar
	Flow max at 14 bar boost.	120 / 250 / 420 / 620 L/min
	No. of users flushing 30L	1 - 2 / 8 / 13 / 20
	Start / Stop control:	Grundfos Stop Func.
Water inlet:	Connection In/Out: 120L-420L:	2" BSP (Female)
	Connection In/Out: 525L	2½" BSP (Female)
Limitation:	Min. feed pressure. Tank level above	3 meter
	Max. feed pressure	6 bar
	Max. temperature	70 °C
Example:	2bar inlet press. and 20 bar boost give a total:	22 bar
Power supply		3x400 VAC 50Hz
	Power consumption max.	6 / 11 / 15 / 22 kW
	Backup fuse size Aut./T. Max.	20 / 25 / 35 / 50 Amp
	Re. dimensioning, always use the local rules.	

EU-compliance		<b>IE5</b>
Weight:		~125/ 160/199/220 kg
Alarm:		Motor over heated; phase drop out Too low Inlet Pressure, Pump temperature overheat
Information:	Red and green LED	Alarm, Stand by and Running Low pressure guard Water Inlet

## Options:

Duty Standby:	One pump is running and the other is standby. Item no:	91111
PLC control	The PumpSet has several options for remote control.	
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.