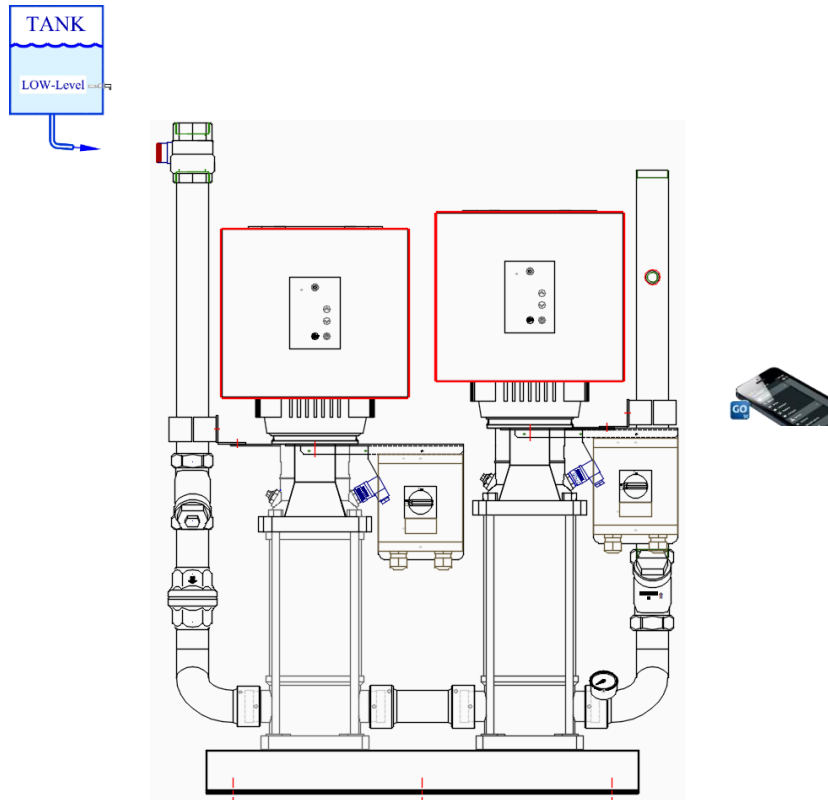


Foam Cleaning Equipment

PumpSet Freq. 38-310T IE5

High Pressure. TANK Supply

Item no.: 89949



PumpSet FreQ. 38bar 310L/min. 11kW Transmitter. TANK supply.

PS Freq. IE5
38-310T

Purpose and use

The Frequency controlled PumpSet Freq. 38-310T IE5 is powerful and designed for easy use and service. It is 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 App MI301 / M201 for Setup.





General Description

The Frequency controlled PumpSet Freq. 38-310T 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 -> 38 bar
Flow max at 30 bar boost. 310 l/min
No. of users flushing 22-25L/min. 9-11

Water inlet: Connection: 2" BSP (Female)

Limitation: Min. feed pressure 0-0,3 bar

Max. temperature 70 °C

NOTE! When using HOT water be aware of the NPSH. Place the tank high. Preferably > 3 meter above the PumpSet

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.

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

Options:

86348 Level Switch for shutting down pump when low water level I tank

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.

