LOW WATER PRESSURE PUMP - LWP 40

Lagafors® LWP 40 (Low Water Pressure, Stationary Booster), is designed for cleaning with pressurized water and it is to be connected to a number of Lagafors® Variable Media Satellites (VMS II). Lagafors® LWP is especially suitable for cleaning applications in the food processing industry, for example slaughterhouses, meat processing, dairies, breweries, fishing industry, prepared food, large-scale kitchens and other places where a high level of hygiene is required.

· LTS compatible, giving the customer full control over their cleaning process.

· Working pressure 35-40 bar.

· Floor-standing unit.

· Unit is intended for central placement (non-production areas).

Features	Benefits	Facts
Increases the pressure on outgoing media	Better cleaning energy on surfaces	From 3-6 bar up to 40 bar
Flexibility in pressure and flow	Multiple options	35-40 bar and up to 840 lit/min
Constant pressure on outgoing media	Ergonomical and safe for the user	Insignificant pressure variations
Vertical multistage centrifugal pump	Reliable and robust pump model	Low maintenance costs
Frequency-controlled pump	Optimal energy consumption	Low operating costs

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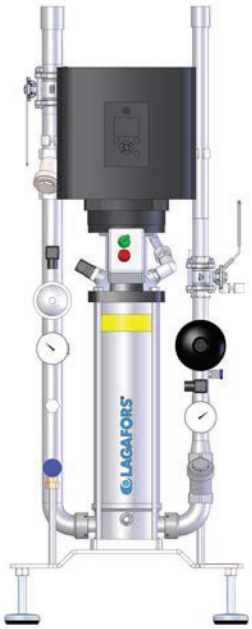
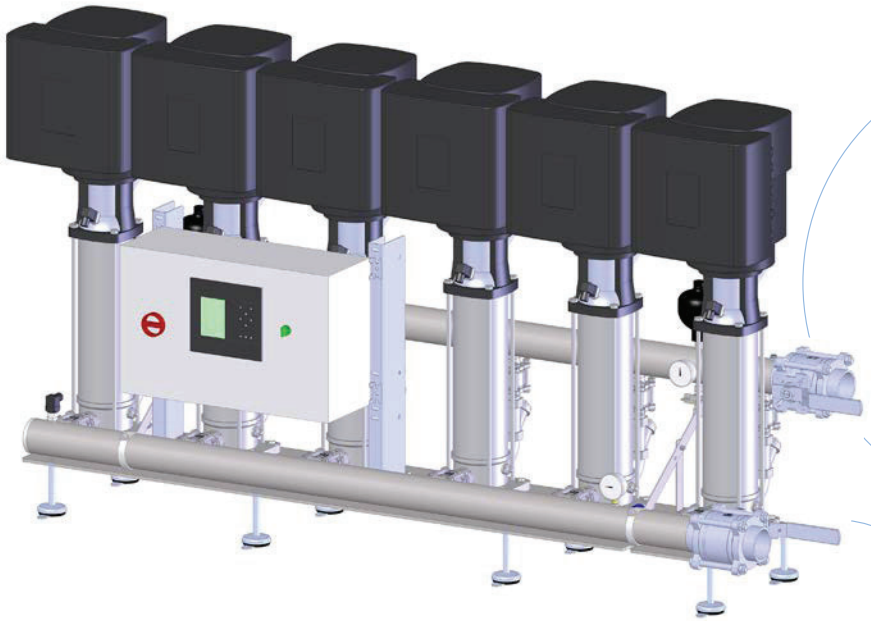
Technical information Lagafors® Low Water Pressure Pump LWP 40								
Model	**LWP 4070 SB**	**LWP 40120 SB**	**LWP 40120 Multi**	**LWP 40240 Multi**	**LWP 40360 Multi**	**LWP 40480 Multi**	**LWP 40600 Multi XL**	**LWP 40720 Multi XL**
Outgoing water pressure	35-40 bar							
Water consumption	0-70 lit/min	0-120 lit/min	0-120 lit/min	0-240 lit/min	0-360 lit/min	0-480 lit/min	0-600 lit/min	0-720 lit/min
Flow capacity, max	90 lit/min	140 lit/min	140 lit/min	280 lit/min	420 lit/min	560 lit/min	700 lit/min	840 lit/min
Capacity (23 lit/user)	3 users	5 users	5 users	10 users	15 users	20 users	25 users	30 users
Surrounding temperature	5-30 °C							
Connections (internal thread)								
Water incoming	ISO-G 1 1/4"	ISO-G 1 1/4"	ISO-G 2 1/2"				ISO-G 3"	
Water supply, flow	120 lit/min	180 lit/min	180 lit/min	320 lit/min	480 lit/min	640 lit/min	960 lit/min	
Water supply, pressure	3-6 bar							
Water temperature, max	70 °C							
Water outgoing	ISO-G 1"	ISO-G 1 1/4"	ISO-G 2 1/2"				ISO-G 3"	
Electricity								
Voltage	3 x 400 V+PE / 50/60 Hz (other specifications on request)							
Current	11,5 A	21 A	23* A	44* A	65* A	86* A	130 A	
Power	6 kW	11 kW	11 kW	22 kW	33 kW	44 kW	66 kW	
Dimensions								
Measurements WxDxH	500 x 500 x 1400 mm	1170 x 760 x 1230 mm					1830 x 760 x 1200 mm	
Weight, approx.	90 kg	110 kg	195 kg	290 kg	385 kg	480 kg	600 kg	700 kg

The data is subject to variation and the producer reserves the right to change design specifications without notice.
- All pumps are frequency-controlled.
- Alarm feature for low supply water pressure, exceeded max flow and temperature is standard on all units. As well as automatic venting.
- 40600 must always be connected according to 40720 specifications.
** A fully built-out unit has the following capacity: 640 lit/min – 86 A – 44 kW.*



Lagafors® LWP 4070 SB / 40120 SB



Lagafors® LWP 40720 Multi XL