

LOW WATER PRESSURE PUMP - LWP 20



Lagafor® LWP 20 (Low Water Pressure, Stationary Booster), is designed for cleaning with pressurized water and it is to be connected to a number of Lagafor® Variable Media Satellites (VMS II). The LWP is especially appropriate for cleaning applications in food processing, e.g. in dairies, breweries, fish industries, prepared food industries, industrial 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 20-25 bar.
- Floor-standing unit.
- Unit is intended for central placement (non-production areas).
- Both water supply from tank and pressurized (1-6 bar) is possible. Specified when ordering.

* Frequency control models only.

Features	Benefits	Facts
Increases the pressure on outgoing media	Better cleaning energy on surfaces	From 0-6 bar up to 25 bar
Flexibility in pressure and flow	Multiple options	20-25 bar and up to 900 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

Technical information Lagafors® Low Water Pressure Pump LWP 20							
Model	LWP 2090 SB	LWP 20150** SB	LWP 20300** SB	LWP 20300** Multi	LWP 20600** Multi	LWP 20900** Multi	
Outgoing water pressure	Approx. 19 bar + inlet pressure (max 25 bar)						
Water consumption	0-90 lit/min	0-150 lit/min	0-300 lit/min	0-300 lit/min	0-600 lit/min	0-900 lit/min	
Flow capacity, max	120 lit/min	165 lit/min	350 lit/min	350 lit/min	700 lit/min	1050 lit/min	
Capacity (30lit/user)	3-4 users	5 users	10 users	10 users	20 users	30 users	
Surrounding temperature	5-30 °C						
Connections (internal thread)							
Water icoming	ISO-G 1 1/4"		ISO-G 2"	ISO-G 3"			
Water supply, flow	150 lit/min	180* lit/min	400 lit/min	400* lit/min	800* lit/min	1200 lit/min	
Water supply, pressure	0-6 bar						
Water temperature, max	70 °C						
Water outgoing	ISO-G 1"	ISO-G 1 1/4"	ISO-G 2"	ISO-G 3"			
Electricity							
Voltage	3 x 400 V+N+PE / 50 Hz	3 x 400 V+PE / 50/60 Hz (other specifications on request)					
Current	9,0 A	11,5 A	20,5 A	22,5* A	43* A	62,5 A	
Power	4,0 kW	6 kW	11 kW	11* kW	22* kW	33 kW	
Dimensions							
Measurements WxDxH	500 x 500 x 1400 mm			1100 x 790 x 1160 mm			
Weight, approx.	125 kg	125 kg	200 kg	275 kg	375 kg	475 kg	

The data is subject to variation and the producer reserves the right to change design specifications without notice.

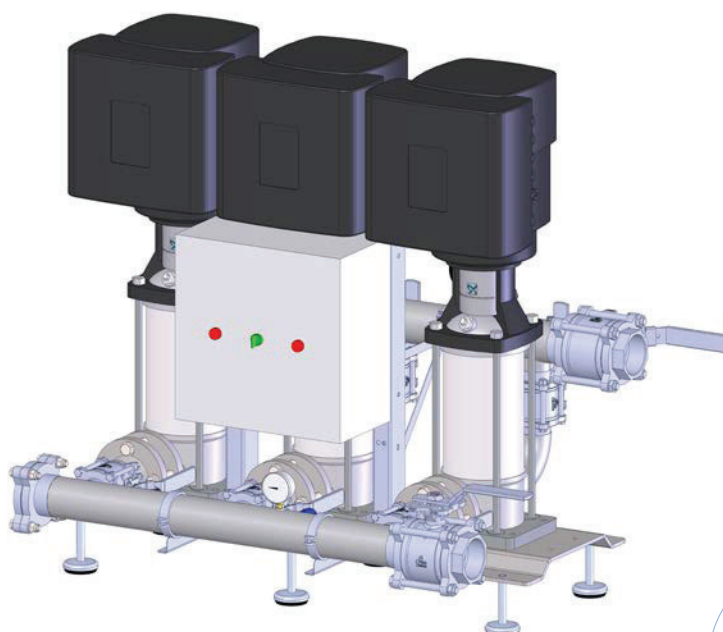
- Alarm feature for low supply water pressure and exceeded max flow is standard on all units.
- When feeding from the water tank is the possibility for connecting the float switch (dry run protection).
- All the frequency-regulated pumps are equipped with temperature alarms.

* A fully built-out unit has the following capacity: 1200 lit/min – 45 A – 33 kW.

** Frequency-regulated pumps.



Lagafors® LWP 20150 SB



Lagafors® LWP 20900 Multi