

**HLR single phase**



**Equipped with:**

- 4 poles electrical motor (1450 RPM) with thermal protection and water cooling.
- Three ceramic coated pistons.
- Built-in by-pass valve nickel plating brass linear pump head with high temperature water seals and bushing.
- Low voltage and delayed Total Stop.
- Suction and delivery S. S. valves.
- Vertical burner with high thermal efficiency steel coil.
- Temperature regulation gauge with high sensitive stainless steel sensor.
- Detergent built-in tank (3 lt) for indirect suction.
- Auxiliary motor for burner.
- Heavy duty steel frame.
- Hose reel with brake **(optional)**.

**STANDARD EQUIPMENT**

- 3.700.0030 Gun M22 - 3/8" with rotating coupling.



- 3.701.0015 Lance M22 high/low pressure



- 3.103.0050 - Nozzle type 045 (mod. 1211 LP)
- 3.103.0047 - Nozzle type 030 (mod. 1510 LP)



- 4.618.0143 High pressure hose 10 m



- Power cable 5 m

Optional:

- 6.608.0077 - Hose reel with brake (hose not included)

	HLR 1211 LP	HLR 1510 LP
code	8.621.3001	8.621.3002
operat. pressure	110/150 bar-1595/2175 psi	150 bar-2175 psi
delivery rate	660 l/h-2.91 GPM	600 l/h-2.64 GPM
abs. power/voltage	3000W - 230V~50Hz 1ph	3000W - 230V~50Hz 1ph
pump type/RPM	MP3 Ni/1450 RPM	MP3 Ni/1450 RPM
max. water inlet/outlet temp.	60/110 °C	60/110 °C
dimension/weight	94x65x90cm / 112 Kg - 246 lbs	94x65x90cm / 112 Kg - 246 lbs

**HLR three phase**

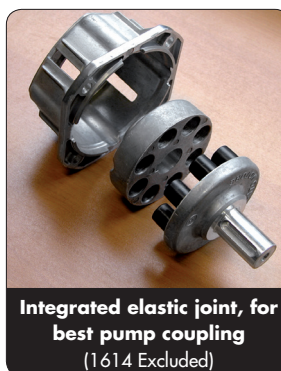


Model: 1515 LP  
2015 LP  
2021 LP



**Equipped with:**

- 4 poles electrical motor (1450 RPM) with thermal protection and water cooling (except HLR 1614 LP model).
- Three ceramic pistons, three ceramic coated pistons (mod. 1614 LP)
- Built-in by-pass valve nickel plating brass linear pump head with high temperature water seals and bushing.
- Integrated elastic joint, for best pump coupling (1614 Excluded).
- Low voltage and delayed Total Stop.
- Suction and delivery S. S. valves.
- Vertical burner with high thermal efficiency steel coil.
- Temperature regulation gauge with high sensitive stainless steel sensor.
- Detergent built-in tank 3 l.
- Auxiliary motor for burner air cooling and mechanical two ways fuel pump.
- Hose reel (**optional**).



**Integrated elastic joint, for best pump coupling**  
(1614 Excluded)

**STANDARD EQUIPMENT**

- 3.700.0030 Gun M22 - 3/8" with rotating coupling.



- 3.701.0015 Lance M22 high/low press. (1211 LP)



- 3.103.0048 - Nozzle type 035 (mod. 1614 LP)
- 3.103.0053 - Nozzle type 060 (mod. 1515 LP)
- 3.103.0050 - Nozzle type 045 (mod. 2015 LP)
- 3.103.0055 - Nozzle type 070 (mod. 2021 LP)



- 4.618.0143 High pressure hose 10 m



- Power cable 5 m

**Optional:**

- 6.608.0077 - Hose reel with brake (hose not included)
- On request models with header tank and/or antiscale device.
  - 3.697.0044 - Antiscale LC-PRECAL (pz. 4 x 5 lt.)
  - ROTOX lance code:
    - 6.602.0040 - (mod. 1614-2015)
    - 6.602.0042 - (mod. 1515-2021)

	HLR 1614 LP	HLR 1515 LP	HLR 2015 LP	HLR 2021 LP
code	8.621.3003	8.621.1004	8.621.1005	8.621.1006
operat. pressure	160 bar-2321 psi	150 bar-2175 psi	200 bar-2900 psi	200 bar-2900 psi
delivery rate	840 l/h-3.70 GPM	900 l/h-3.96 GPM	900 l/h-3.96 GPM	1260 l/h-5.55 GPM
abs. power/voltage	4200W - 400V~50Hz 3ph	5500W - 400V~50Hz 3ph	7300W - 400V~50Hz 3ph	9700W - 400V~50Hz 3 ph
pump type/RPM	MP3 Ni/1450 RPM	MPWJ5 Ni/1450 RPM	MPWJ5 Ni/1450 RPM	MPWJ5 Ni/1450 RPM
max. water inlet/outlet temp.	60/110 °C	60/110 °C	60/110 °C	60/110 °C
dimension/weight	94x65x90cm / 109 Kg - 240 lbs	94x65x90cm / 127 Kg - 280 lbs	94x65x90cm / 129 Kg - 284 lbs	94x65x90cm / 131 Kg - 288 lbs