



Descaling pump for boilers, heat exchangers, cooling systems, plastic press moulding machines, evaporative towers, wall-mounted and floor-standing boilers.

TECHNICAL FEATURES

	mod. 36 FI	mod. 36
TANK	36 l	36 l
MAX FLOW RATE	48 l/min	68 l/min
CONNECTIONS	3/4"	3/4"
MOTOR	230 V/50 Hz/0,29 kW	230 V/50 Hz/0,29 kW
PRESSURE	1,5 bar	1,6 bar
DEGREE OF PROTECTION	IP 55	IP 55
WEIGHT	11 kg	11 kg
MAX TEMPERATURE	60° C	60° C
DIMENSIONS	H: 630 mm L: 350 mm P: 350 mm	H: 630 mm L: 350 mm P: 350 mm

PACKAGING FEATURES

	mod. 36 FI	mod. 36
NUMBER OF PIECES PER BOX	1 pc	1 pc
N. OF PCS PER EPAL PALLET	18	18
BOX DIMENSIONS	H: 67 L: 37 P: 37,5 cm	H: 67 L: 37 P: 37,5 cm
EPAL PALLET DIMENSIONS	80x120x214 cm	80x120x214 cm
PRODUCT WEIGHT	11 kg	11 kg
BOX WEIGHT	12,5 kg	12,5 kg
EPAL WEIGHT	245 kg	245 kg
CUSTOMS CODE *	8413.82.00	8413.82.00

ADVANTAGES

- Acid resistant material
- Operates up to 60 °C and up to 70 °C on request
- Self-protection against damage caused by dry running
- Hose clips/handles
- Suitable for small and medium heat exchangers
- Wheels are optional if required
- Easy removable tank

BENEFITS

- Restores the optimal heat exchange
- Reduces energy consumption and lower bills
- Extends the heating system's life

MAIN FEATURES

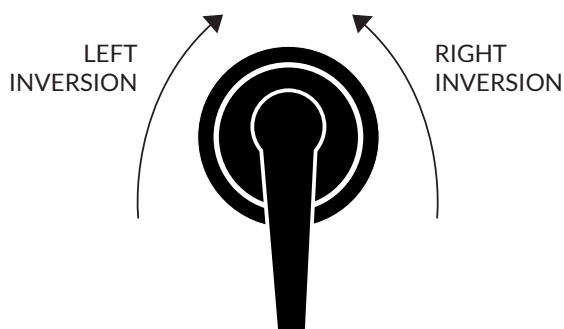
Descaling pumps mod. 36 and mod. 36 FI are the most suitable device for the descale of wall-hung boilers, boilers, water heaters and coils obstructed by limestone. It is characterized by an excellent manageability, high prevalence and flow rate, safety of use and easy maintenance to guarantee the highest results and speed of intervention. It is completely made with anti-acid material, except for the motor with vertical axis, properly protected with an anti-acid shrinkable membrane. The motor is assembled on a strong lid on the tank closure, completely unscrewing and removable, to guarantee an extremely easy maintenance. Equipped with Flow Inverter (FI) that guarantees to the descaling liquid to alternatively act at both side of the circuit. The use of descaling products with inhibitors assure a fast intervention and the maximum safety for heating systems and workers.

For the correct functioning of the pump use exclusively chemical products for descaling.
It is suggested for a long duration of the device to not leave any acid products inside the tank, once the cleaning process is over, and to let circulate for few minutes the neutralizing solution, in order to eliminate acid debris present inside the system.

CORRECT INSTALLATION

1. Control, as first thing (if it is possible) if inside the device that has to be descaled, there is enough space to guarantee the passage for the acid solution on the contrary, the operation is not possible.
2. Disconnect the outlet and inlet of the device to descale, if it is possible, drain it from the internal water and then connect it to the pump, through the use of equipped pipes.
3. Remove the tank cap and add cold water up to half tank (please notice that operational temperature during descaling must never exceed 60 °C).
4. Turn the pump on with the switch and start adding slowly the descaling chemical, until required concentration is obtained. This operation guarantees the correct acid product blending. Please carefully follow use and safety information reported on the label of product. Anyway, maximum operational time (continuously) of the motor, should not exceed 2 hours. Please after 2 hours, let the system rest for at least half an hour. **ATTENTION:** on all version equipped with Flow Inverter (FI) the acid solution flow can be inverted acting on the external control

(directional valve) to obtain a better result. In case of excessive foam production, dilute the acid solution and switch off for a short time the pump. At the end of the descaling operation, replace the acid solution inside the pump, with clean water and rinse the descaled element.



1. Connection in/out pipes to the boiler
2. Pipes connection details
3. General view of the pump correctly installed

PACKAGING CONTENT

- 1 connections bag
- 1 User's guide
- Connection pipes: 2 threaded pipes from 2,5 m each
- Pump

MAINTENANCE

At the end of descaling operation:

1. Do not leave pump unattended during the operations.
2. Control the pH is included between 6,5 and 9,5. For the liquid neutralization, both the ones present inside the pump, and also the ones present inside the descaled elements, we recommend to use neutralizing products .
3. Switch off the pump and disconnect as first thing the powder cord.
4. Wait till when the solution circulating inside the descaled device returns inside the tank.

DO NOT LEAVE ANY ACIDIC SOLUTION INSIDE THE TANK: fumes may seriously damage pump components.

OFFER DESCRIPTION

Descaling pump, 3/4" F connections, 36 litres tank. FI version, equipped with FLOW INVERTER valve. To be used for the cleaning of wall-mounted boilers, floor standing boilers, heat exchangers, plastic press moulding machines, kettles, small and medium systems. 230 VAC alimentation.

COMPLIANCE

This products mod. 36 and 36 FI has been designed and constructed in accordance with the following European directives (including all applicable amendments):

Directive 2006/42/EC: Machine

Directive 2014/35/UE: Low Voltage

Directive 2014/30/UE: Electromagnetic Compatibility

Directive 2011/65/EC: RoHS

It also declares that the product complies with the following standards:

EN 60335-2-41:2003, A1:2004, A2:2010 in conjunction with

EN 60335-1:2012, A11:2014, A13:2017, EN 55014-1:2017, EN 55014-2:2015, EN 61000-3-2:2014, EN 61000-3-3 :2013, IEC 62321:2008, IEC 62321-3-1:2013, IEC 62321-5:2013, IEC 62321-4:2013, IEC 62321-6:2015, IEC 62321-7-1:2015, IEC 62321-7-2:2017, EN 50564:2011.

ORIGIN OF THE PRODUCT

 Made in Italy