

DISINEX PUMP

Descaling pump for rapid cleansing of boilers, heat exchangers and kettles.

Information manual and guidelines



Pompa DISINEX 15 K



Pompa DISINEX 25 K



Pompa DISINEX 40 K

Electrical equipment compliant with CEI 2-3 / 2-6 Standards concerning rotating electrical machines.



PRODOTTI CHIMICI E TECNICI - CHEMICAL AND TECHNICAL PRODUCTS

FACOT CHEMICALS Srl - Via Crema 44, 26010 Capralba CR, Italy - Tel. +39 0373450642 - info@facot.it - www.facotchemicals.com



CHEMISTRY IN ACTION

USE:

DISINEX pumps are used to eliminate limescale deposits in systems for production of hot water, like boilers, instantaneous water heating (electrical and gas), heating coils etc. using FACOT descalers.

OPERATION:

DISINEX pumps can only be used with FACOT descaling products. The descalers are acid-based products, for their use the safety instructions on the relative packaging must be respected.

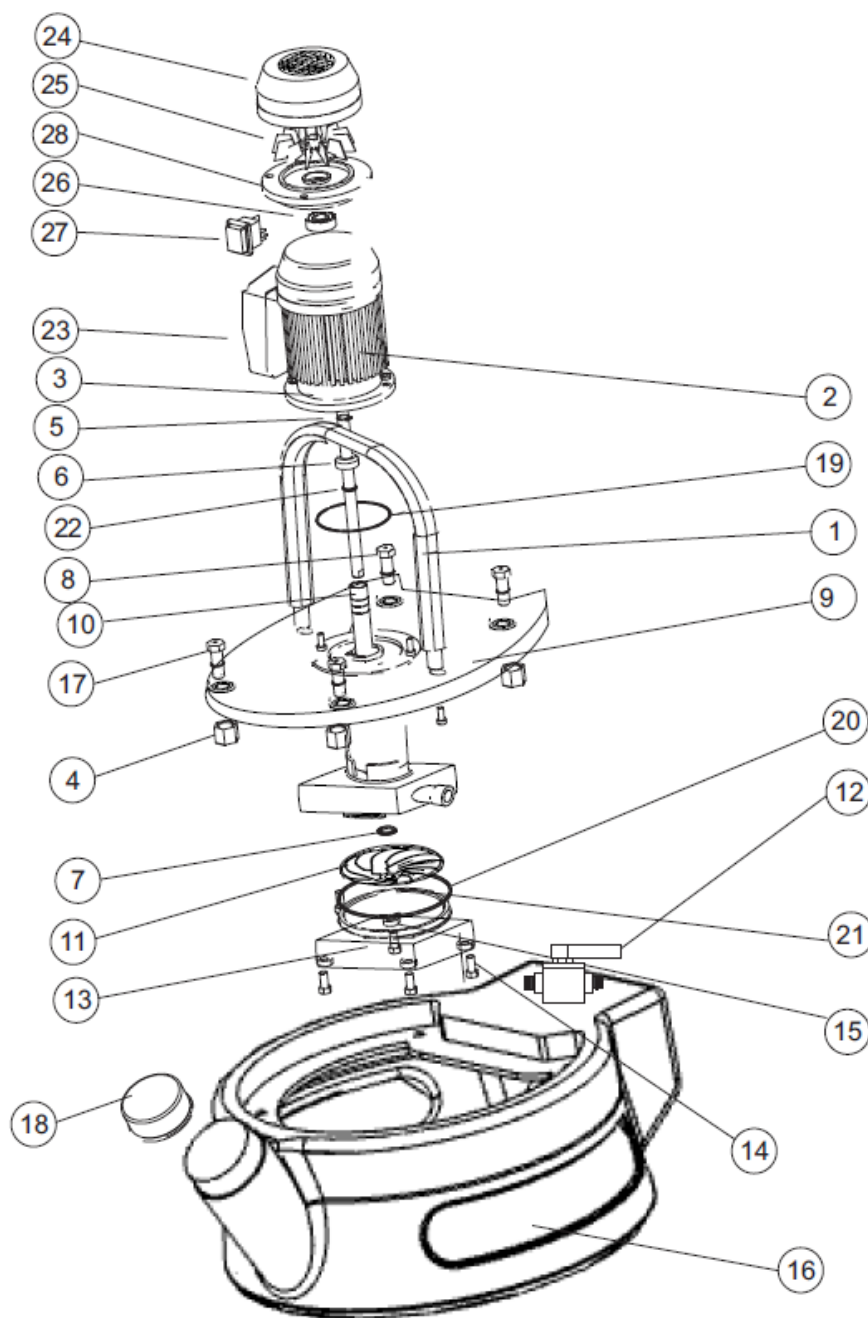
Therefore, use protective gloves and apron, wear glasses, checking that the room is well ventilated during the operation.

Do not approach during descaling with lamps and open flames. The drain tank cap (REF. 18), during operation must be removed so that the liquid contained in the tank can be aerated and deaerated.

Before inserting the plug into the power supply, check that the switch (REF. 27) is off (Off). Also make sure that the pump is well screwed onto the tank and close the pipes of the user well with the appropriate caps after having defused them at the end of the work to avoid spilling any solution into the environment.



Exploded view DISINEX 15 K

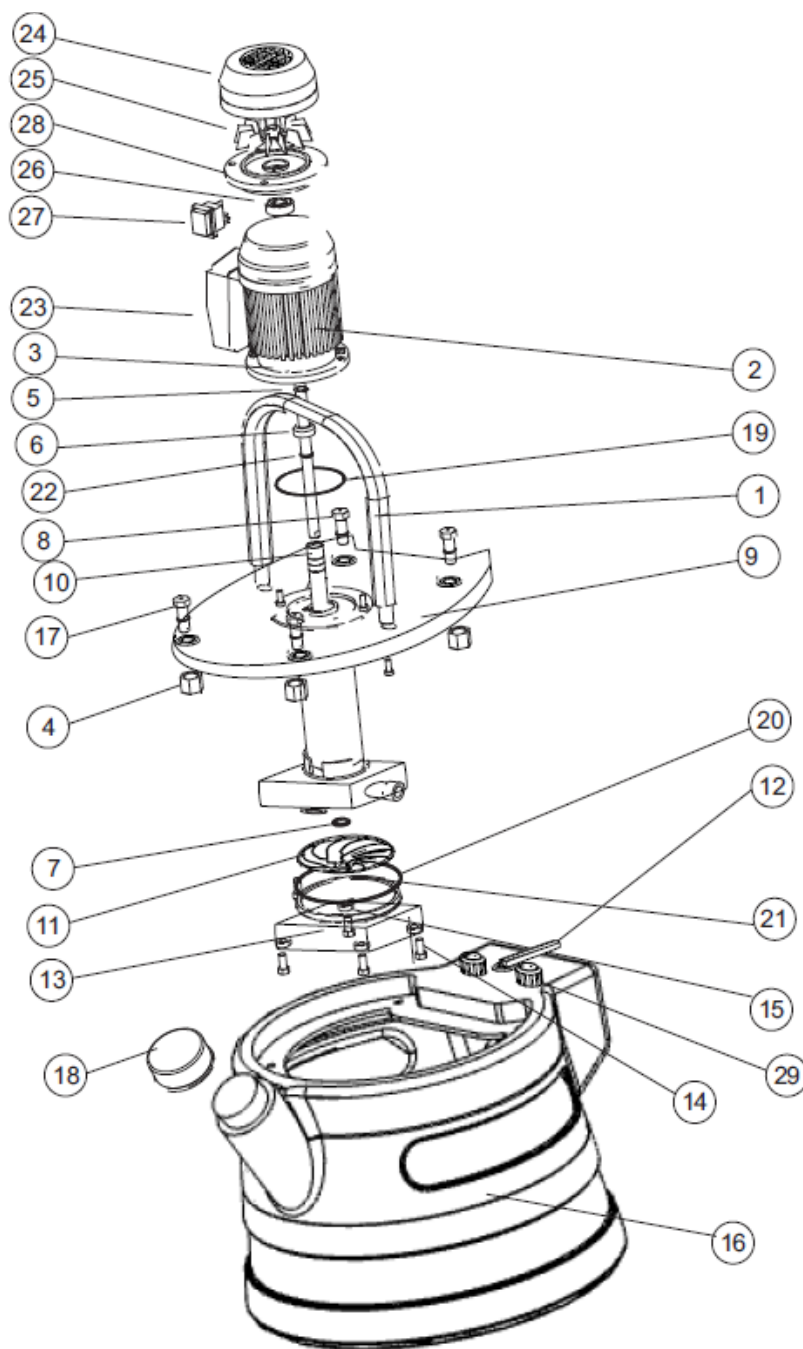


DISINEX 15 K

LEGENDA:

Rif.	Description	Rif.	Description	Rif.	Description
1.	Plastic handle	11.	PP rotor / impeller	21.	O-ring for motor bolt
2.	Motor 220 V / 50 Hz	12.	Flow reversal	22.	O-ring for reverser valve
3.	Brass nut 6 MA	13.	Rotor cover in PP	23.	Control box
4.	Blind nut 16 M	14.	Bolt 6 MA	24.	Motor fan cover
5.	Circlip	15.	Bolt 8 MA	25.	Motor fan
6.	Seal	16.	Tank	26.	Seal bearing
7.	O-ring for motor	17.	O-ring, bolt M 12	27.	Switch
8.	Bolt 12 MA	18.	Tank cap	28.	Motor flange
9.	Flange + pump body				
10.	Shaft sleeve	20.	O-ring for motor cover		

Exploded view DISINEX 25 K

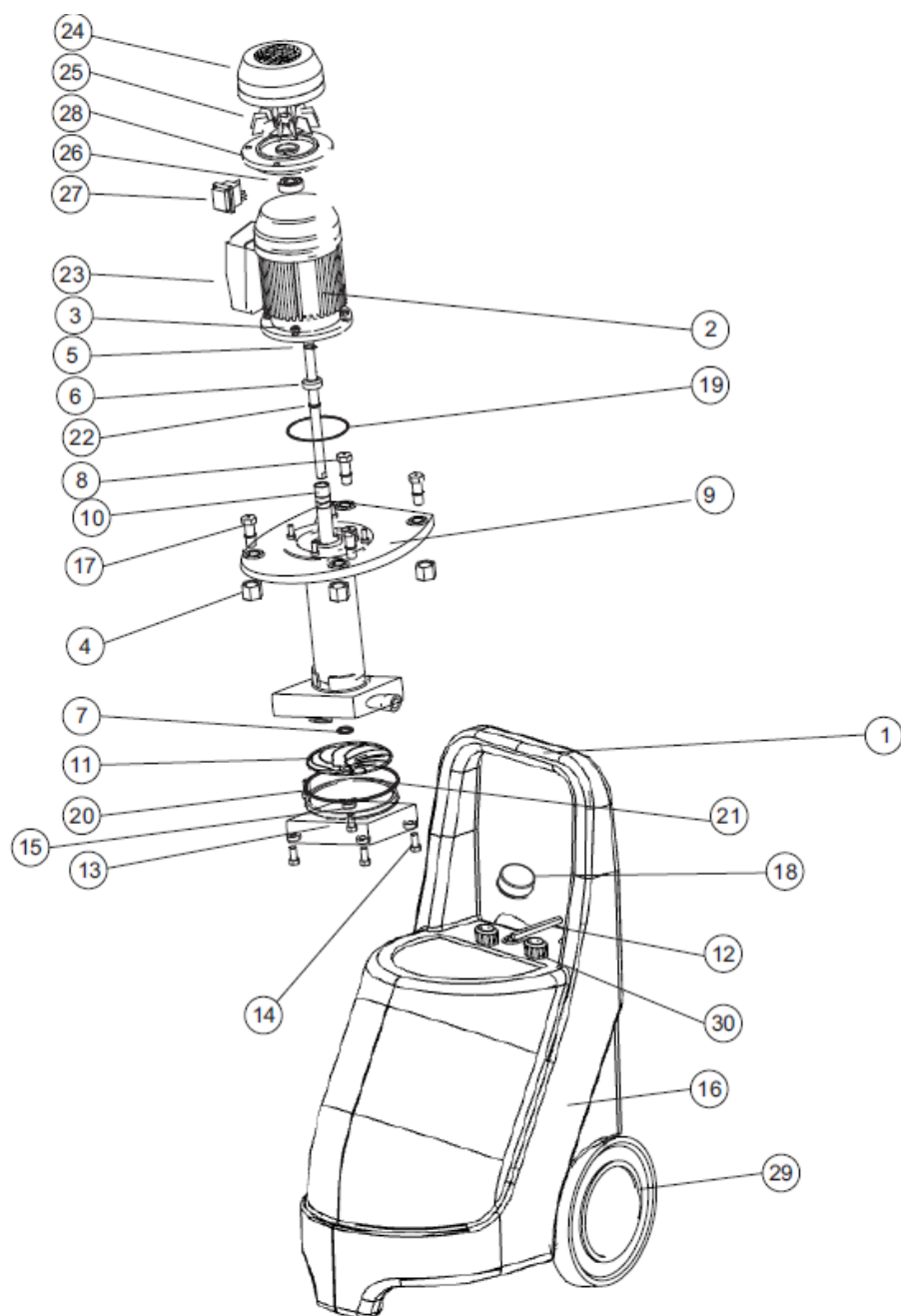


DISINEX 25 K

LEGENDA:

Rif.	Description	Rif.	Description	Rif.	Description
1.	Plastic handle	11.	PP rotor / impeller	21.	O-ring for motor bolt
2.	Motor 220 V / 50 Hz	12.	Flow reversal	22.	O-ring for reverser valve
3.	Brass nut 6 MA	13.	Rotor cover in PP	23.	Control box
4.	Blind nut 16 M	14.	Bolt 6 MA	24.	Motor fan cover
5.	Circlip	15.	Bolt 8 MA	25.	Motor fan
6.	Seal	16.	Tank	26.	Seal bearing
7.	O-ring for motor	17.	O-ring, bolt M 12	27.	Switch
8.	Bolt 12 MA	18.	Tank cap	28.	Motor flange
9.	Flange + pump body	19.	O-ring for motor flange	29.	Fittings
10.	Shaft sleeve	20.	O-ring for motor cover		

Exploded view DISINEX 40 K



DISINEX 40 K

LEGENDA:

Rif.	Description	Rif.	Description	Rif.	Description
1.	Plastic handle	11.	PP rotor / impeller	21.	O-ring for motor bolt
2.	Motor 220 V / 50 Hz	12.	Flow reversal	22.	O-ring for reverser valve
3.	Brass nut 6 MA	13.	Rotor cover in PP	23.	Control box
4.	Blind nut 16 M	14.	Bolt 6 MA	24.	Motor fan cover
5.	Circlip	15.	Bolt 8 MA	25.	Motor fan
6.	Seal	16.	Tank	26.	Seal bearing
7.	O-ring for motor	17.	O-ring, bolt M 12	27.	Switch
8.	Bolt 12 MA	18.	Tank cap	28.	Motor flange
9.	Flange + pump body	19.	O-ring for motor flange	29.	Wheels
10.	Shaft sleeve	20.	O-ring for motor cover	30.	Fittings

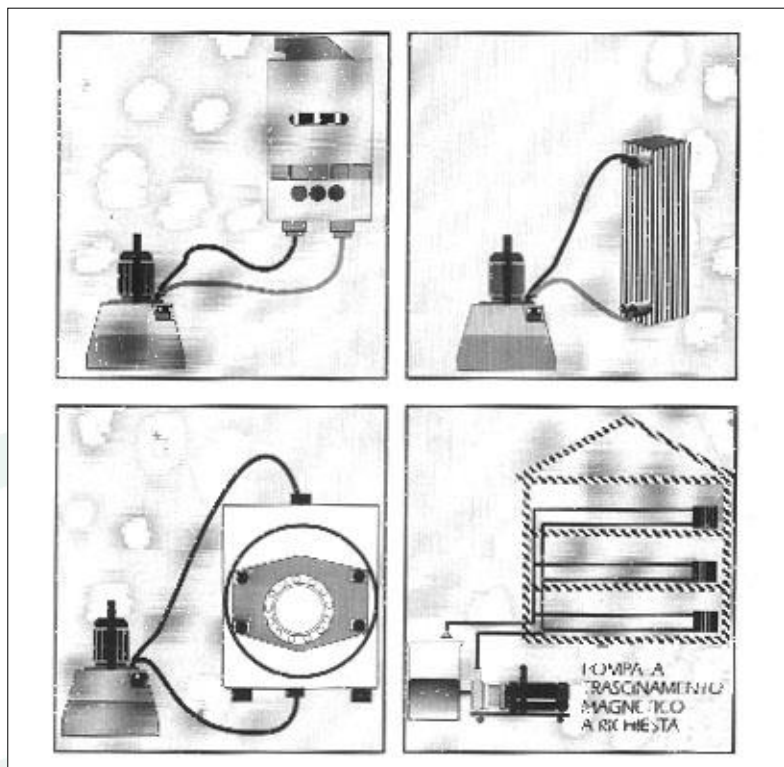


HOW TO OPERATE THE PUMP IN ORDER TO ACT DESCALING:

Check that there is a minimum passage for the solution in the pipes to be descaled, otherwise it will not be possible to operate. Disconnect the outlet and the inlet and empty the appliance (e.g. boiler) and connect it to the pump using the flexible pipes.

Remove the tank drain plug (REF. 18) and fill only water, not exceeding half the capacity of the container.

Turn on the pump by pressing the switch and slowly add the descaling product until the desired concentration is reached. For dilutions, please refer to the product label.

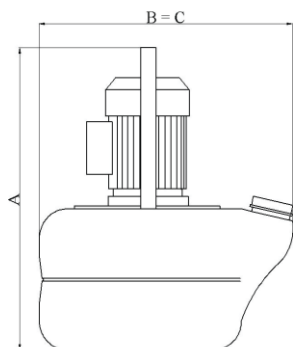
SAMPLES OF APPLICATION**SAFETY PROCEDURES:**

In case of strong foam production, dilute the solution more and turn off the pump for a short time. Once the descaling operation is complete, turn off the pump and unplug the power cable first. Wait for the solution circulating in the descaled appliance to return to the tank. Avoid letting the equipment operate unattended.

To neutralize the liquid, check that the pH is between 6.5 and 9.5 and neutralize if necessary with NEUTRAL. Before storing the pump, rinse both the container and the pump body in any case do not leave any acid solution in the tank: the vapours could cause damage to the pump itself.

TECHNICAL DATA:

MODELLO	DISINEX 15 K	DISINEX 25 K	DISINEX 40 K
Electrical motor monophase	220 V- 50 Hz	220 V-50 Hz	220 V-50 Hz
Weight	8,5 Kg	10,5 Kg	17,5 Kg
Power	370 W / 0,5 hp	370 W / 0,5 hp	370 W / 0.8 hp
Tank material	HDPE	HDPE	HDPE
Max flow	90 lt/min.	90 lt/min.	260 lt/min.
Head	10 m	10 m	10 m
Fittings	3/4 "	3/4 "	3/4 "
Tank capacity	15 lt	25 lt	40 lt
Max operating temperature	60 °C	60 °C	60 °C



Dimensions DISINEX 15 K	A (mm)	B (mm)	C (mm)
	450	350	350

Dimensions DISINEX 25 K	A (mm)	B (mm)	C (mm)
	600	350	350

Dimensions DISINEX 40 K	A (mm)	B (mm)	C (mm)
	780	340	460

Last update: 19.04.2023



PRODOTTI CHIMICI E TECNICI – CHEMICAL AND TECHNICAL PRODUCTS

FACOT CHEMICALS Srl - Via Crema 44, 26010 Capralba CR, Italy - Tel. +39 0373450642 - info@facot.it - www.facotchemicals.com



CHEMISTRY IN ACTION