

This handbook contains information on the installation, use and maintenance of the sprayer. You are recommended to read the handbook thoroughly, as it provides important information and warnings concerning the safety of the sprayer.

FIELD OF USE

2 types of low pressure sprayers are manufactured:

- Sprayers with a carbon steel tank for industrial use that spray water or water solutions of detergent liquids.
- Sprayers with stainless steel tank that spray water solutions of detergent liquids and that can be used even in the foodstuff sector.

CHARACTERISTICS

TYPE OF TANK	VOLUME IN L.	MAX. WORKING PRESSURE	MAX./MIN. DESIGN TEMPERATURE
STAINLESS STEEL	10 / 24 / 50	6-7 BAR	-10°C / +50°C
CARBON STEEL	10 / 24 / 50	6-7 BAR	-10°C/ +50°C

OPERATIONAL DIAGRAM AND WARNINGS:

1) FILLING-UP THE TANK WITH THE PRODUCT

The tank is filled with the product to be sprayed via the filling cap (fig.10).

Before you open the cap:

- Look at the gauge (fig.16) and ensure the tank is not pressurised, otherwise open the slider tap (fig.6) and release all the air from inside the tank;
- Unscrew the filling cap (fig.10) and pour the product to be sprayed in through the funnel (fig.9), being careful not to pour in **MORE THAN 2/3 OF THE TANK'S CAPACITY**(check the height of the level on the external hose [fig.18]);
- Screw the cap firmly back in place (fig.10).

2) PRESSURIZING THE TANK

- Connect the sprayer to the compressed air line by means of the slider tap(fig.6) and fill with air up to the desired pressure, observing the needle on the gauge(fig.16) and remembering not to exceed the pressure of 8 bar;
- Shut-off the compressed air supply;
- Shut-off the slider tap and disconnect the compressed air hose(the sprayer is now ready to be used self-sufficiently).

3) DISPENSING THE PRODUCT

- Open the ball valve (fig.11) to which the hose with spray gun is connected, press the lever on the handle (fig.22) and spray the product evenly, from downwards upwards;
- If the tank still contains some product but there not enough pressure to spray it, repeat point 2 again;
- If the product inside the tank runs out, repeat the procedures of point 1 again.

The sprayers are equipped with a safety valve that is set at 8 bar(fig.7), which has the task of releasing the pressure if the compressed air loaded in the tank exceeds 8 bar.

WARNINGS

- **THE TANK CAN ONLY BE OPENED (CAP – fig. 10) AND SERVICED AFTER ENSURING THERE IS ABSOLUTELY NO PRESSURE INSIDE THE TANK**, THEREFORE THE NEEDLE OF THE GAUGE (fig.16) MUST INDICATE “0” bar (tank depressurised). OPEN THE SLIDER TAP (fig. 6) TO RELEASE ALL THE PRESSURE FROM INSIDE THE TANK.
- DO NOT FACE THE FILLING CAP WHILE UNSCREWING IT.
- THIS CAP HAS A SAFETY HOLE THAT RELEASES PRESSURE, THEREFORE IF ANY AIR SHOULD BE RELEASED FROM THIS HOLE WHILE OPENING THE CAP, DO NOT UNSCREW IT ANY FURTHER BUT WAIT FOR THE PRESSURE TO BE RELEASED.
- THE LOAD OF COMPRESSED AIR **MUST NEVER EXCEED 8 BAR**.
- THE SPRAYER MUST ONLY BE USED BY QUALIFIED ADULT PERSONNEL (after having thoroughly read the enclosed instructions).
- OPERATORS MUST USE **SUITABLE PROTECTION GEAR** (mask, goggles, gloves) WHEN USING THE SPRAYER.
- DO NOT USE THE SPRAYER TO CLEAN ANIMALS, ELECTRIC MOTORS OR HOT SURFACES.
- THE SPRAYERS ARE DESIGNED AND MANUFACTURED TO DISPENSE WATER OR DETERGENT SOLUTIONS.
- THE SPRAYER MUST BE CARRIED AROUND USING ITS HANDLE (fig.8).
- THE SPRAYER MUST BE SERVICED BY QUALIFIED PERSONNEL.
- AFTER USE, TO AVOID TRIGGERING **CORROSION**, **EMPTY** THE TANK COMPLETELY, **WASH** WITH POTABLE WATER AND **TURN IT UPSIDE DOWN** TO FAVOUR DRYING.
- ON A PERIODIC BASIS CHECK THE FULL OPERATING EFFICIENCY OF THE SPRAYER, ESPECIALLY THE GAUGE AND THE SAFETY VALVE AND REPLACE IF NECESSARY.
- **IT IS STRICTLY PROHIBITED TO WELD ANY ELEMENTS TO THE TANK WITH ANY WELDING MEANS WHATSOEVER.**
- THE TANK IS NOT DESIGNED OR MANUFACTURED TO WITHSTAND IMPACT AND COLLISION, IF NOT THAT INVOLVED IN ITS NORMAL USE AND THEREFORE MUST BE AVOIDED. IF, DURING THE LIFE OF THE EQUIPMENT, YOU SHOULD NOTICE ANY DEFORMATION IN THE METAL IN CRITICAL POINTS, DUE TO IMPACT OR SIMILAR, THE TANK MUST BE REPLACED.
- ONLY USE THE TANK WITHIN THE PRESSURE AND TEMPERATURE LIMITS INDICATED ON THE NAMEPLATE ON THE TANK AND ON THE CERTIFICATE OF CONFORMITY.
- **THE MANUFACTURER DECLINES ALL LIABILITIES RELATIVE TO THE TAMPERING OF THE EQUIPMENT ON BEHALF OF OTHERS.**