



IT Manuale d'uso

EN User's Manual



SAFETY PRECAUTIONS



We recommend you to thoroughly read the directions provided in this handbook before switching the device on.

Store this manual close to the device for any quick reference by operators!

If **Easy Flush** is correctly used according to the directions provided by SPIN, the device present no hazard for operators.

SPIN declines any responsibility for failures and/or other consequences caused by incorrect procedures of the User.

- Before each use, check **Easy Flush**. If damaged, do not use it and let any eventual damage be repaired by qualified professionals.
- Opening **Easy Flush** is prohibited to unauthorized users.
- Maintenance or repair operations of **Easy Flush** must be carried out by authorized personnel only.
- Do not tilt **Easy Flush** when full or connected to electric power supply.
- Always use an electric cable with ground tap.
- Do not open **Easy Flush** while connected to electric power supply.
- Ensure that the power supply connection points comply with current safety regulations (differential switch and grounding).

USER

- Carefully read this operational handbook before switching **Easy Flush** on.
- **Easy Flush** must be used by qualified and trained personnel only.
- Use only the power cable supplied with the device.



DISPOSAL

The user has fully responsibility of recycling and separately gathering.

Leave the product in specific places for safe recycling of electric and electronic devices.

Users should contact their specific local government office or the municipal refuse disposal service for details of where this item can be taken for environmentally safe recycling.

TECHNICAL FEATURES

- Power Supply: 230/240 V – 50/60 Hz
- 20 Liters Internal Storage Tank
- Capacity of the pump: 14 l/min
- Maximum power of the pump: 0.75 Kw
- Maximum pressure of the pump: 0.45 MPa
- Mechanical sealing pump with EPDM gaskets
- Mechanical inlet filter
- Connection for the external nitrogen pump
- External taps to invert the flush cycle without disconnecting the hoses
- 3m flexible hoses with 1/4 SAE ball valve
- Interchangeable connections: 1/4 SAE -3/8 SAE- 1/2 SAE (2 pieces each type)
- Weight: 20Kg
- Incorporated cart
- Dimensions: 445x300x740 mm



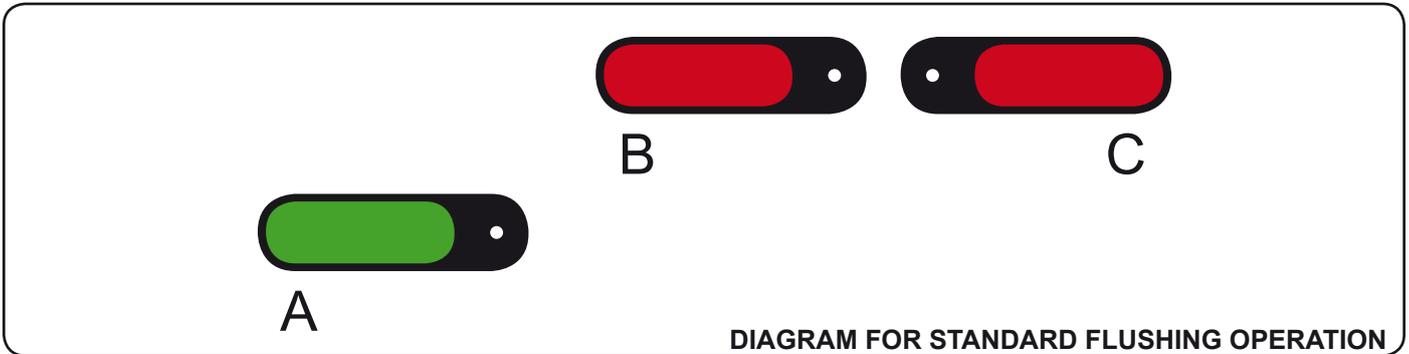
PREPARATION FOR THE USE OF EASY FLUSH



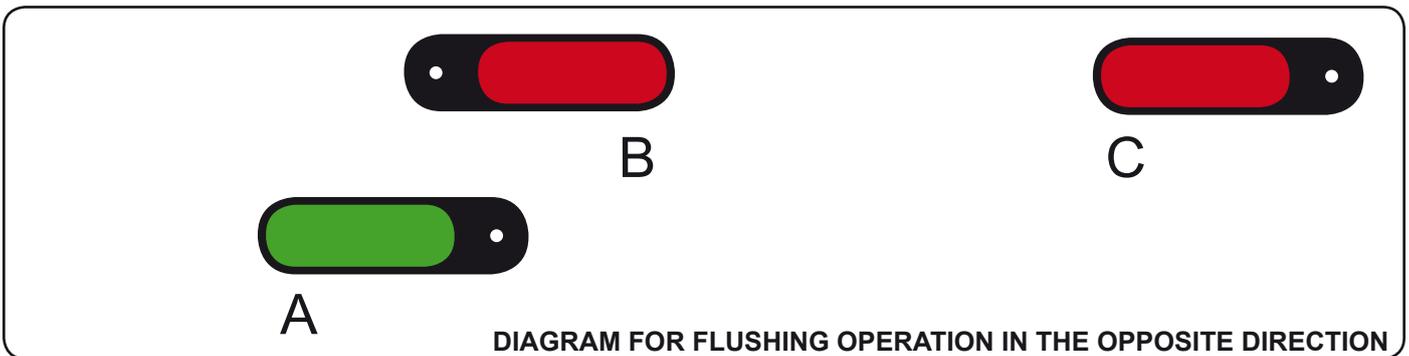
- A)** Inlet hose to the A/C system with swivel 1/4 SAE ball valve (RED)
- B)** Outlet hose from the A/C system with swivel 1/4 SAE connection (BLUE)
- 1)** Filter
- 2)** ON/OFF button
- 3)** Tap for the discharge of the contaminated flushing liquid
- 4)** Tank for the flushing liquid
- 5)** Tank cap for flushing liquid
- 6)** Nitrogen Inlet
- 7)** Adapters 1/4 x 1/4 SAE (2 pcs.) - 1/4 x 3/8 SAE (2 pcs.) - 1/4 x 1/2 SAE (2 pcs.)

INSTRUCTIONS TO FLUSH AN A/C SYSTEM

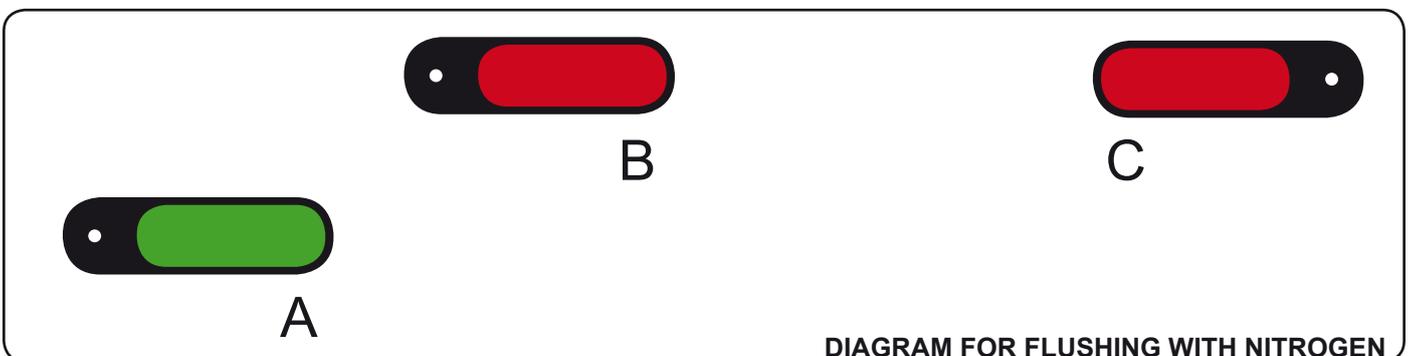
- 1) Unscrew the cap ⑤ of the tank of Easy-Flush and pour the flushing liquid (maximum 20 Liters)
- 2) Connect the inlet hose ① of Easy-Flush at one end of the A/C system to be flushed using appropriate adapters ⑦
- 3) Connect the outlet hose ② of Easy-Flush at the other end of the A/C system to be flushed using appropriate adapters ⑦
- 4) Place the taps following the diagram below.
- 5) Turn the pump on with the ON/OFF button ③ and let the liquid circulate for at least 4/5 minutes.



- 6) Turn the pump off.
- 7) Change the setting of the taps following the diagram below.
- 8) Turn the pump on and let the liquid circulate in the opposite direction for at least 4/5 minutes.



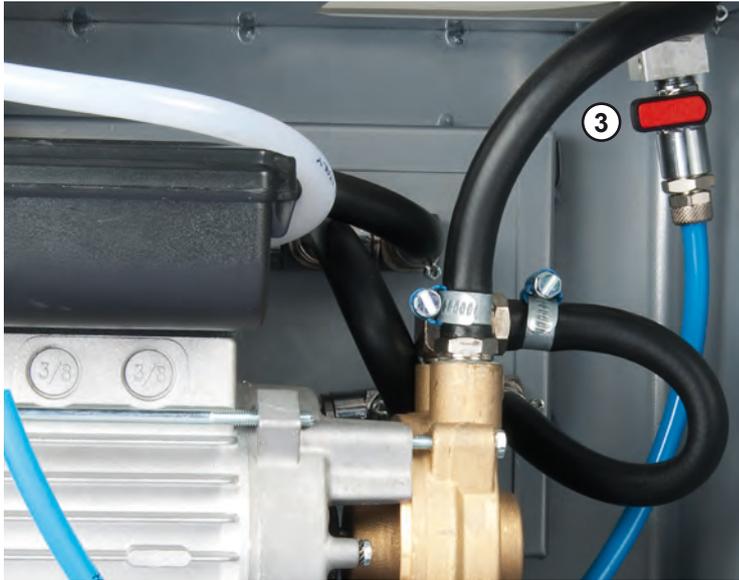
- 9) Turn the pump off.
- 10) Change the setting of the taps following the diagram below.
- 11) Connect a nitrogen cylinder to Easy Flush.
- 12) Adjust the nitrogen pressure at maximum 5 bar.
- 13) Change the setting of the inlet tap for nitrogen ⑥ to regulate the flow inside the system.
- 14) The nitrogen pressure will begin to push the flushing liquid remained in the system, within the tank of Easy-Flush.
- 15) Close the inlet tap for nitrogen. ⑥.
- 16) Disconnect the hoses from the system.



- 17) At the end of the flushing operation make a vacuum cycle of minimum 40 minutes.

INSTRUCTIONS FOR THE RECOVERY OF CONTAMINATED FLUSHING LIQUID

- 1) Change the setting of the tap ③ located on the back of Easy-Flush to recover the contaminated liquid.



INSTRUCTIONS FOR CLEANING THE FILTER

We recommend cleaning the filter of Easy-Flush every 10 flushing operations.

- 1) Unscrew the filter housing ① placed on the side of Easy-Flush.
- 2) Remove the inner filter.
- 3) Proceed to the washing of the filter by immersing it for 3 minutes in a container filled with flushing liquid for A/C system.
- 4) Blow with compressed air.
- 5) Replace the filter.



SPIN_{srl}

Via Casalecchio 35/G
47924 Rimini (RN) Italy
Tel. +39 0541.730777
Fax +39 0541.731315
e-mail: info@spinsrl.it
www.spinsrl.it