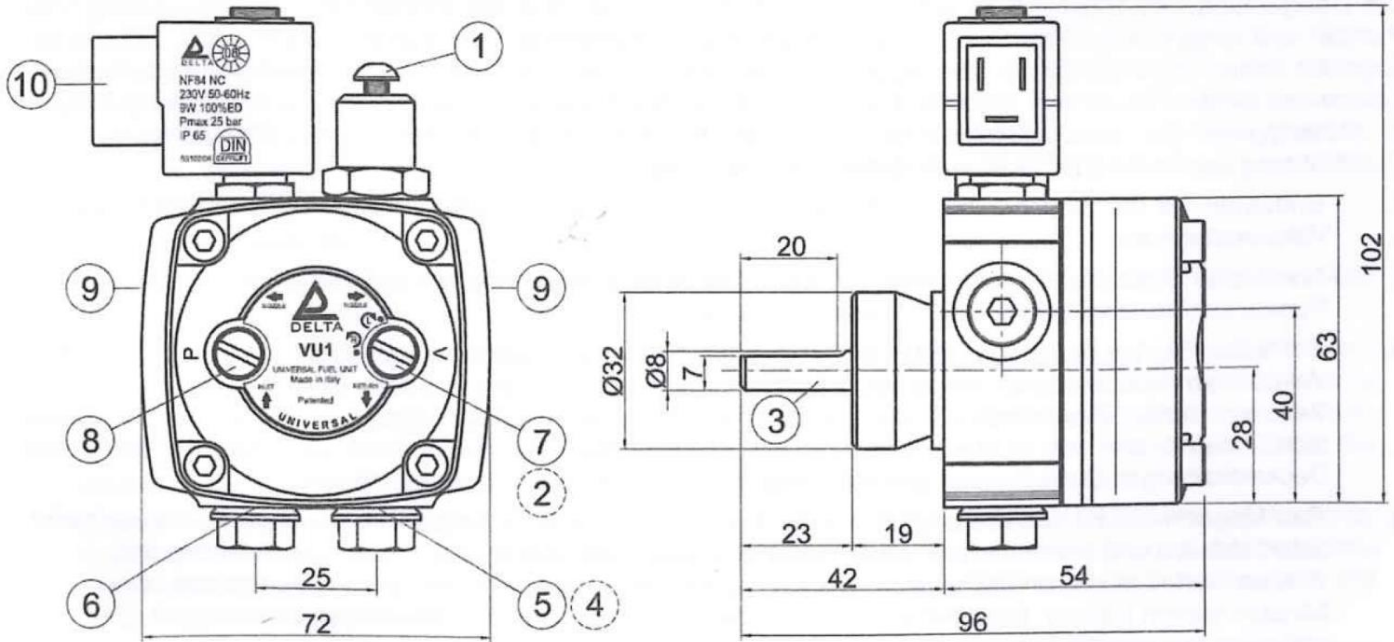


**V-TUF DELTA UNIVERSAL ROTATION FUEL PUMP D1.031 – D1.032 – D1.033**  
**24 VOLT – 240VOLT – 110 VOLT**



<b>1</b>	Pressure regulation Druckregler Regolazione pressione Regulateur pression	<b>6</b>	Inlet port Vorlaufanschluss Aspirazione Aspiration
<b>2</b>	Rotation selector Drehrichtungswähler Selettore rotazione Selecteur de rotation	<b>7</b>	Vacuum gauge Vacuummeter Vacuometro Prise vacuo
<b>3</b>	Shaft sealing Wellendichtung Tenuta albero Etancheite arbre	<b>8</b>	Pressure gauge Manometer Manometro Prise mano
<b>4</b>	By-pass plug By-pass Schraube Boccola by-pass Bague by-pass	<b>9</b>	Nozzle port Düsenanschluss Mandata ugello Refoulement gicleur
<b>5</b>	Return port Rücklaufanschluss Ritorno Retour		

# V-TUF DELTA UNIVERSAL ROTATION FUEL PUMP D1.031 – D1.032 – D1.033

## 24 VOLT – 240VOLT – 110 VOLT

### BY-PASS INSTALLATION

To convert the DELTA fuel unit from the single pipe version to the two pipe version, do the following:

- Using a 19 mm wrench, remove the 1/4" plug from return port (Fig. 1).
- Located inside the return plug is the by-pass plug. Remove it with a 4 mm Allen wrench (Fig.2).
- Fit the by-pass plug in the return port (Fig. 3).

To convert the DELTA fuel unit from the two pipe version to the single pipe version, do the following:

- Using a 4 mm Allen wrench, unscrew the by-pass plug from the return port (Fig. 3).
- Fit a 1/4" plug into the return port (Fig. 1).

### SELECTION OF ROTATION

The VU unit is provided with a screw for the selection of rotation, located under the vacuum gauge plug (V).

To change the direction of rotation do the following:

- Using a screw driver, remove the 1/8" plug from vacuum gauge port. Under the plug, inside the pump, is the selector screw.
- Turn it 90° up to the stop, to change the rotation (Fig. 4).

After conversion, check the O-ring is located on the bottom of the vacuum port and replace the 1/8" plug.

**CAUTION:** The selection screw must be oriented with the groove vertical L or horizontal R (Fig. 5), otherwise the fuel unit will not function properly and damage could result.

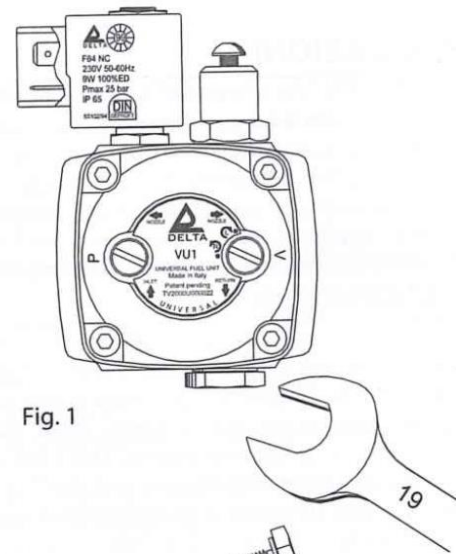


Fig. 1



Fig. 2

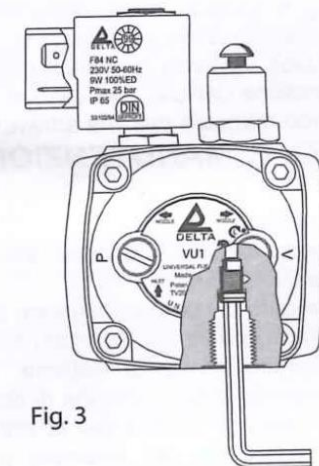


Fig. 3

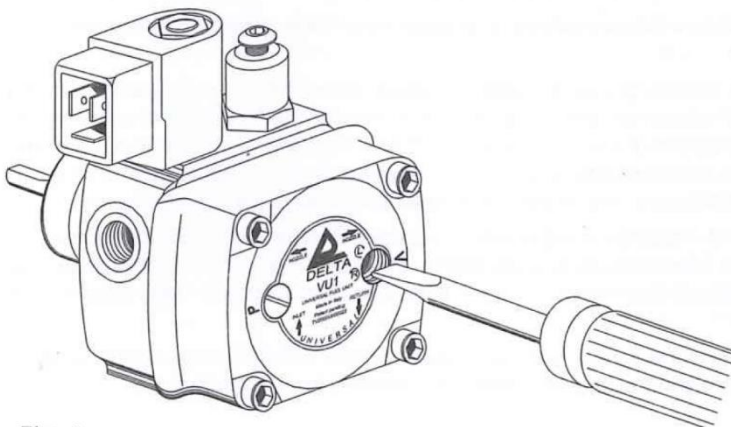


Fig. 4

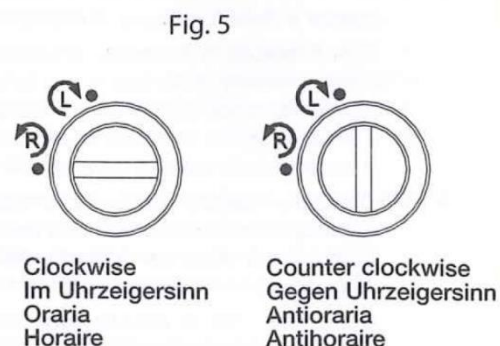


Fig. 5