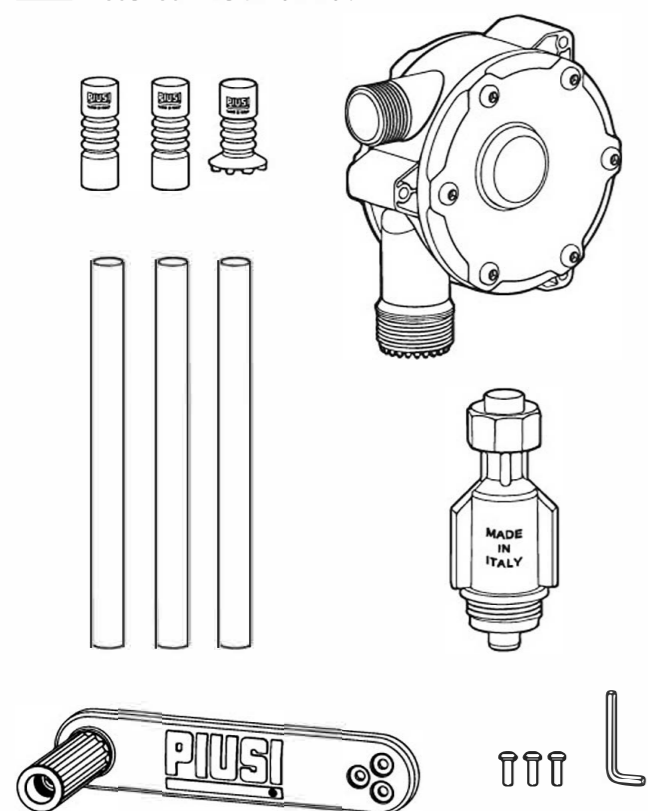
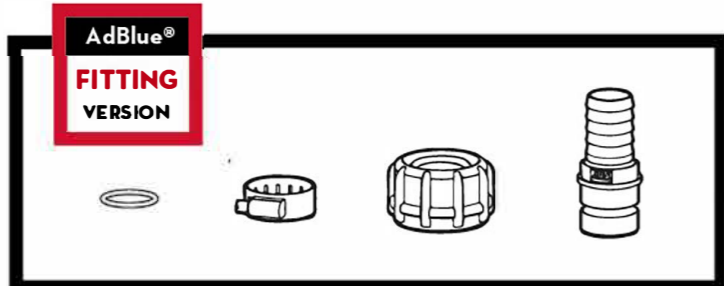
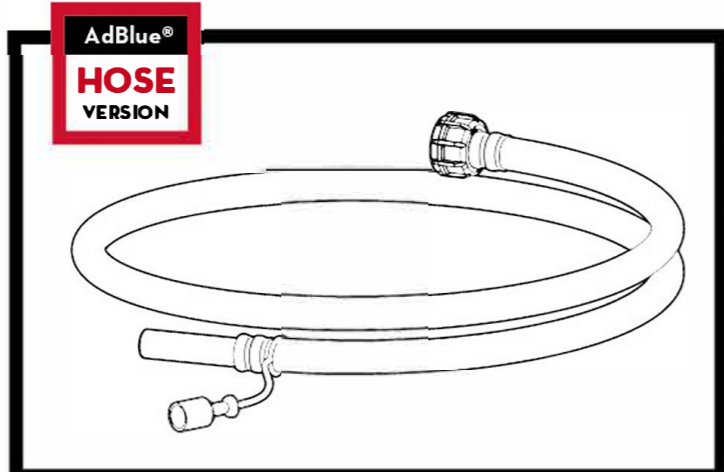


**PIUSI HAND PUMP** | User instructions

**PACKAGE CONTENTS**



**ADDITIONAL CONTENTS**



**AdBlue®**  
**3D FILTER VERSION**

Installation date  
month: \_\_\_\_\_ year: \_\_\_\_\_

**EN.** Important: note the date of installation.  
**DE.** Wichtig: notieren Sie das Einbaudatum.  
**ES.** Importante: anote la fecha de instalación.  
**FR.** Important: prendre note de la date de installation.  
**PT.** Importante: anotar a data de instalação.  
**IT.** Importante: annotare la data di installazione.

**EN.** Original spare parts available for replacement.  
**DE.** Zum Austausch verfügbare Originalersatzteile.  
**ES.** Recambios originales disponibles para la sustitución.  
**FR.** Pièces détachées originales disponibles pour le remplacement.  
**PT.** Sobresselentes originais disponíveis para substituição.  
**IT.** Ricambi originali disponibili per la sostituzione.

**PERMITTED FLUIDS**

AdBlue®/AUS32/D.E.F. antifreeze water

**WARNING**

The system is expressly designed for dispensing AdBlue® / AUS32 / D.E.F. It may be compatible with other water based fluids such as antifreeze etc., but it has not been universally tested in such conditions.

Pump without strainers: dispensed fluids must be strictly free of contaminants.

Use P.P.E. prescribed by the supplier of the fluid to be dispensed.

NOT dismountable pump.

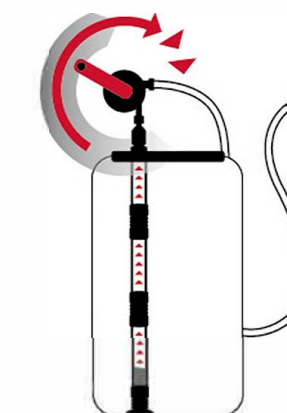
Since the pump is equipped with a check valve, it can only rotate clockwise. If it is rotated in the wrong direction (anticlockwise), the gasket may release the excess pressure without damage to any component.

**TECHNICAL FEATURES**

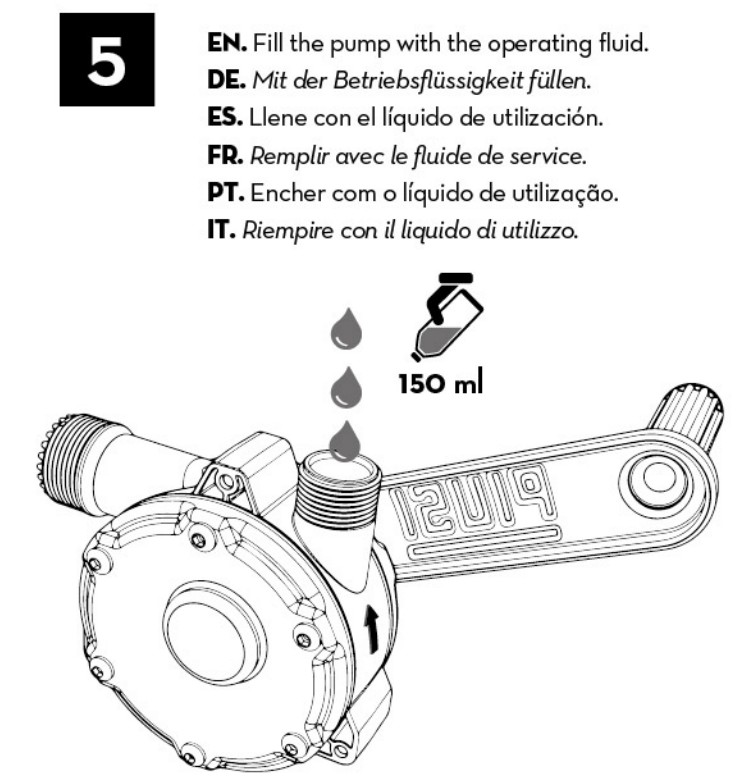
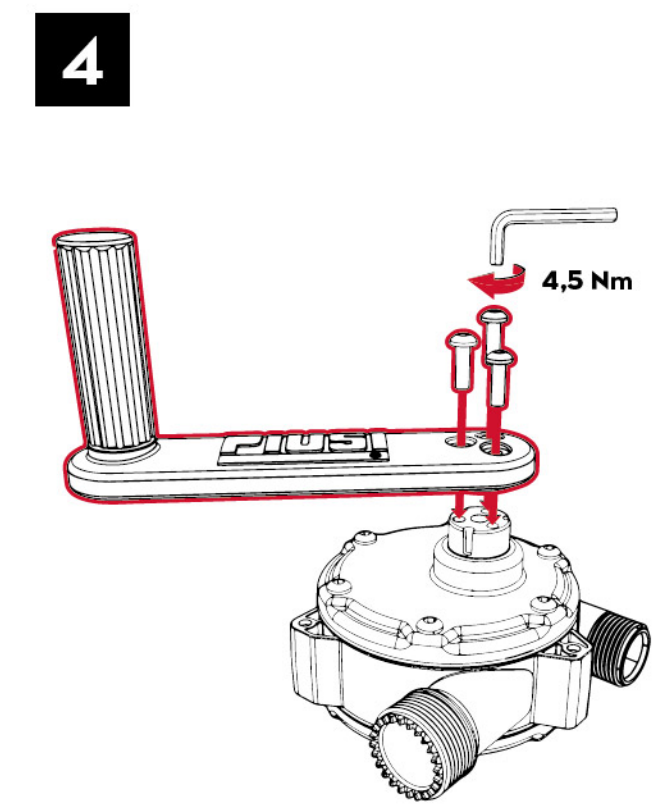
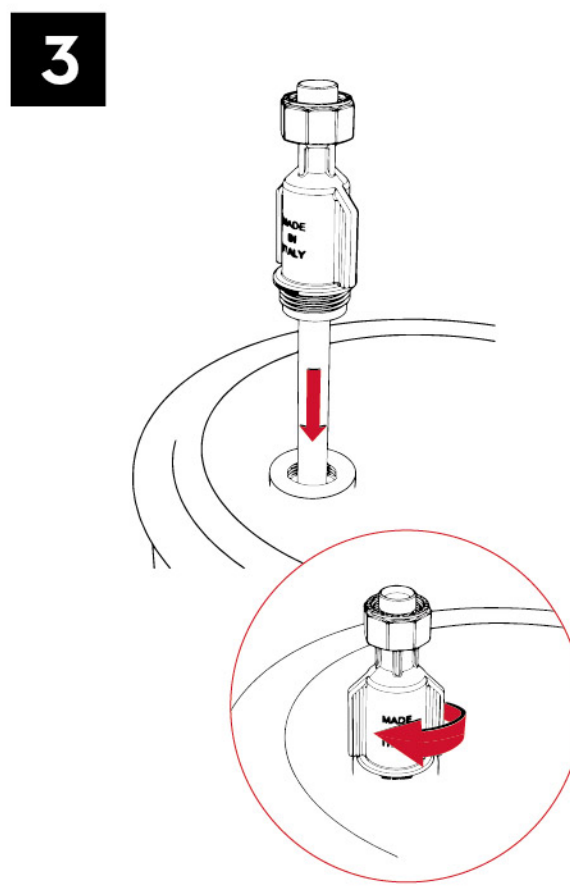
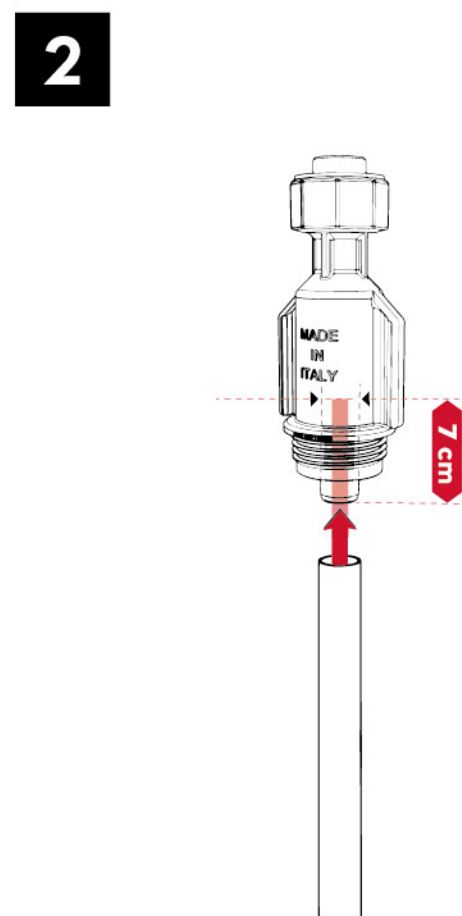
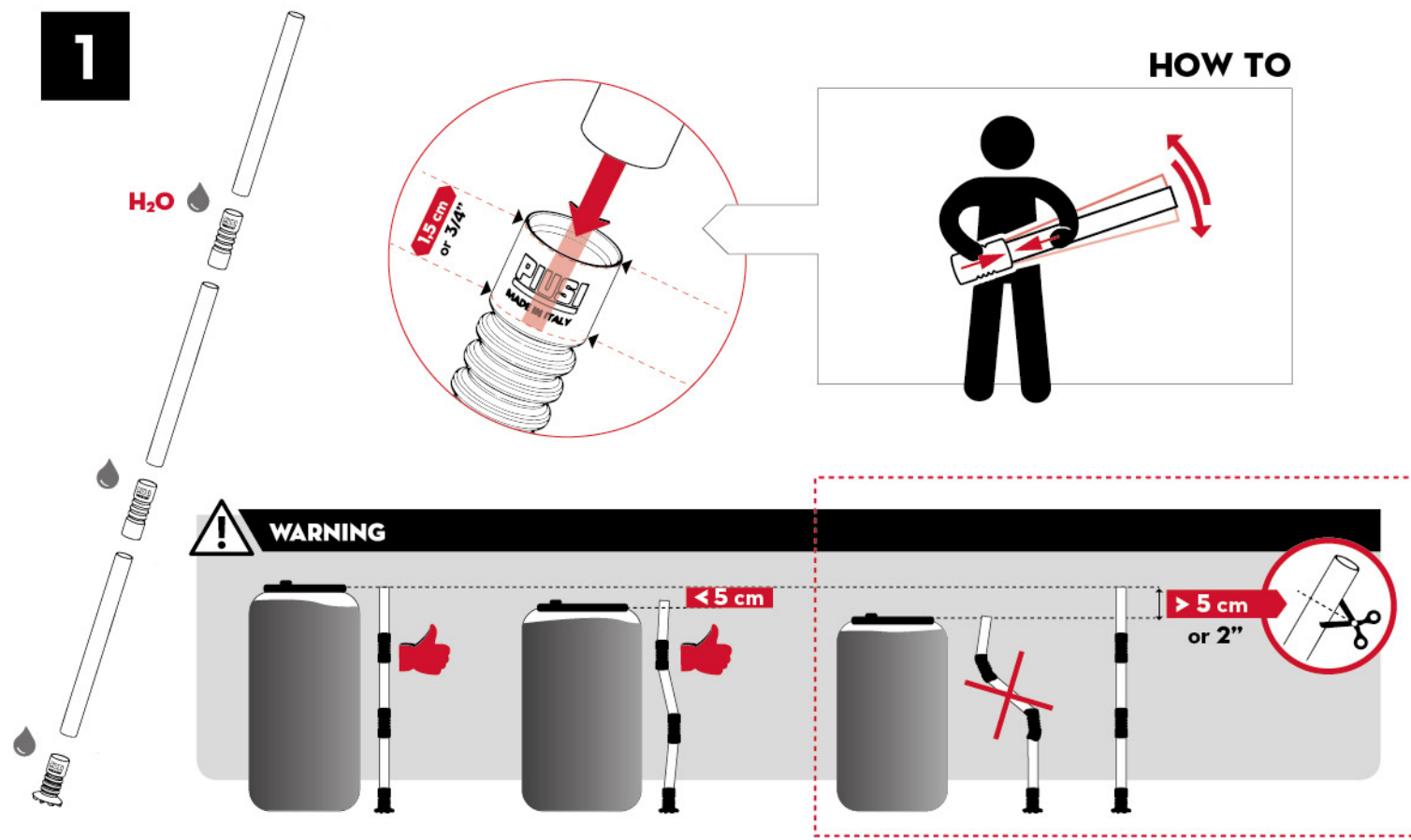
Flow rate	38 liters (10 gal)/100 revolutions
Operating temperature	-5°C/+45°C +23°F / +113°F



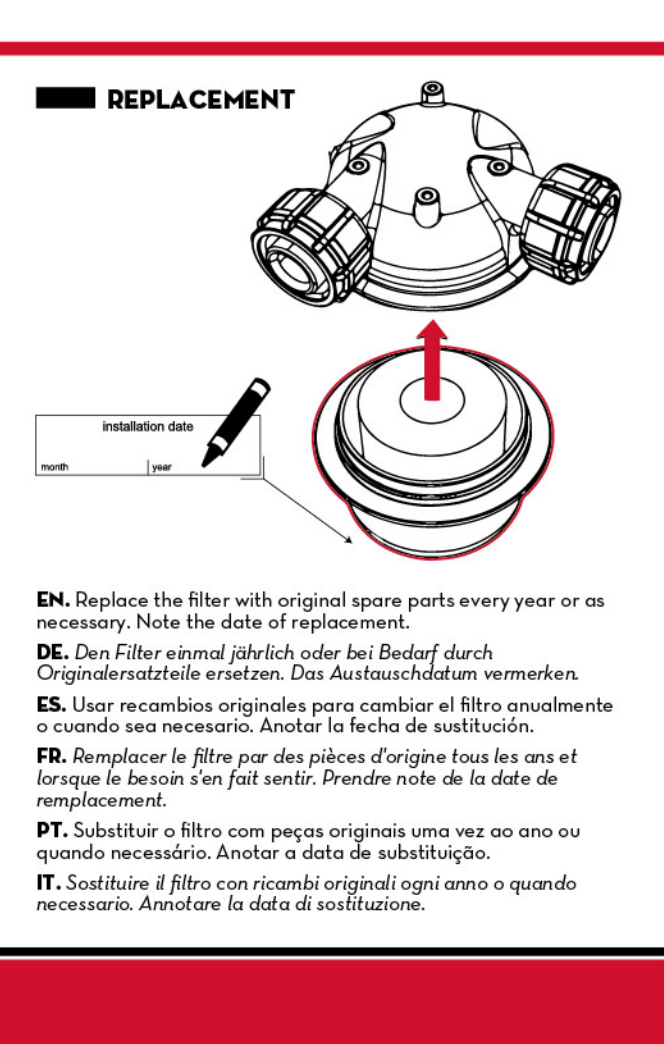
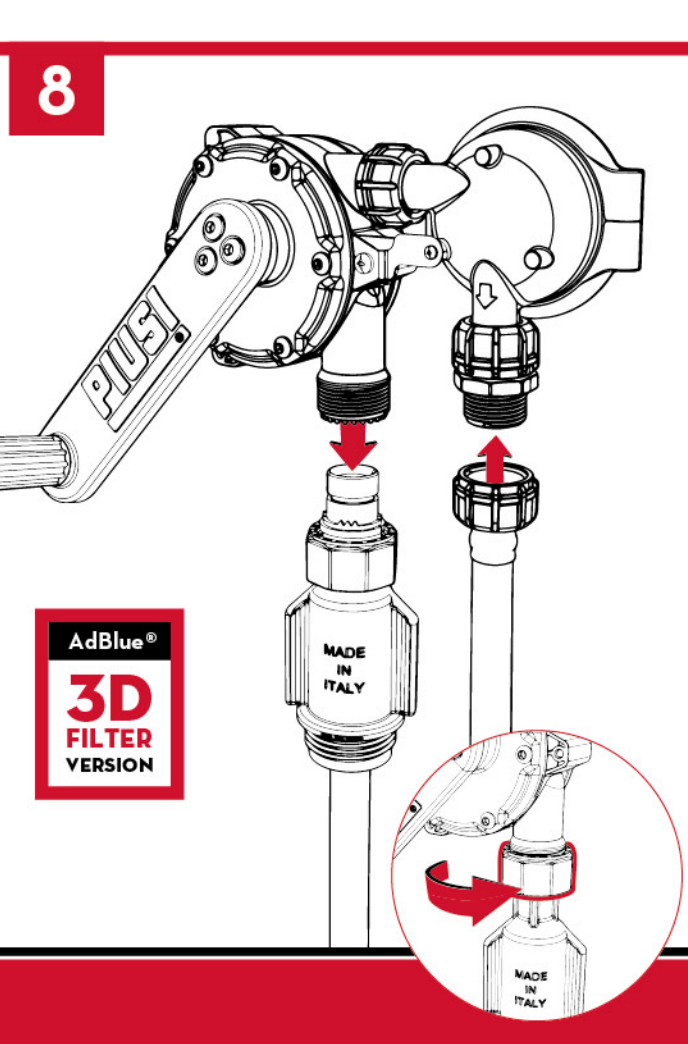
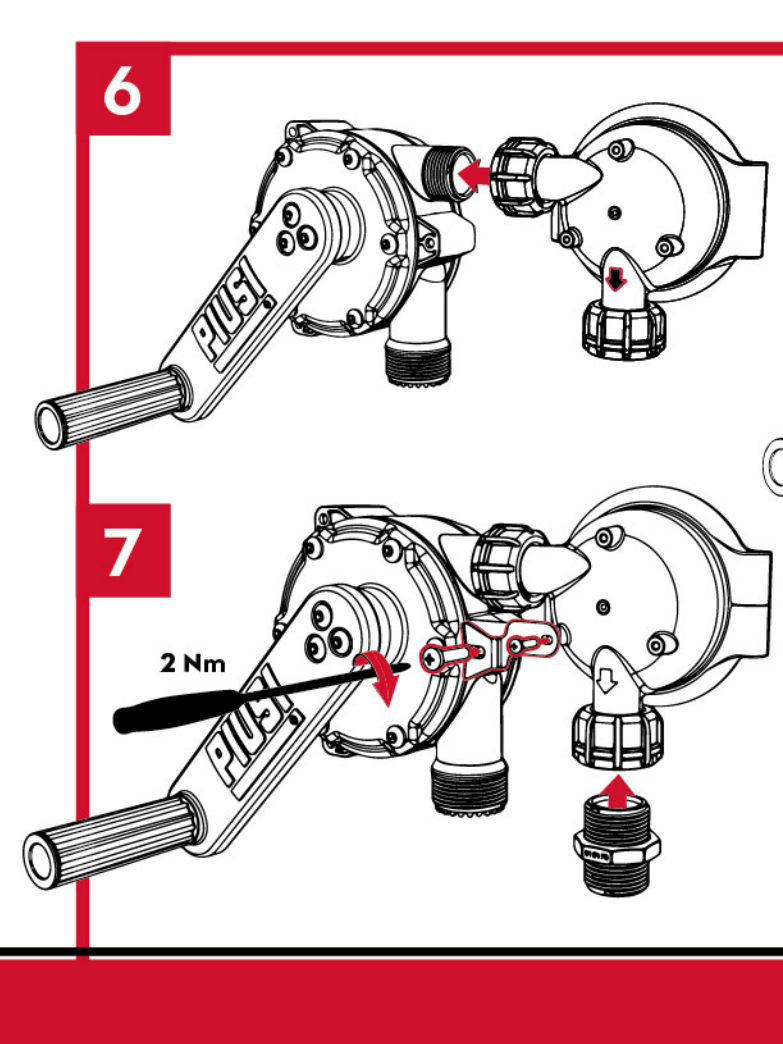
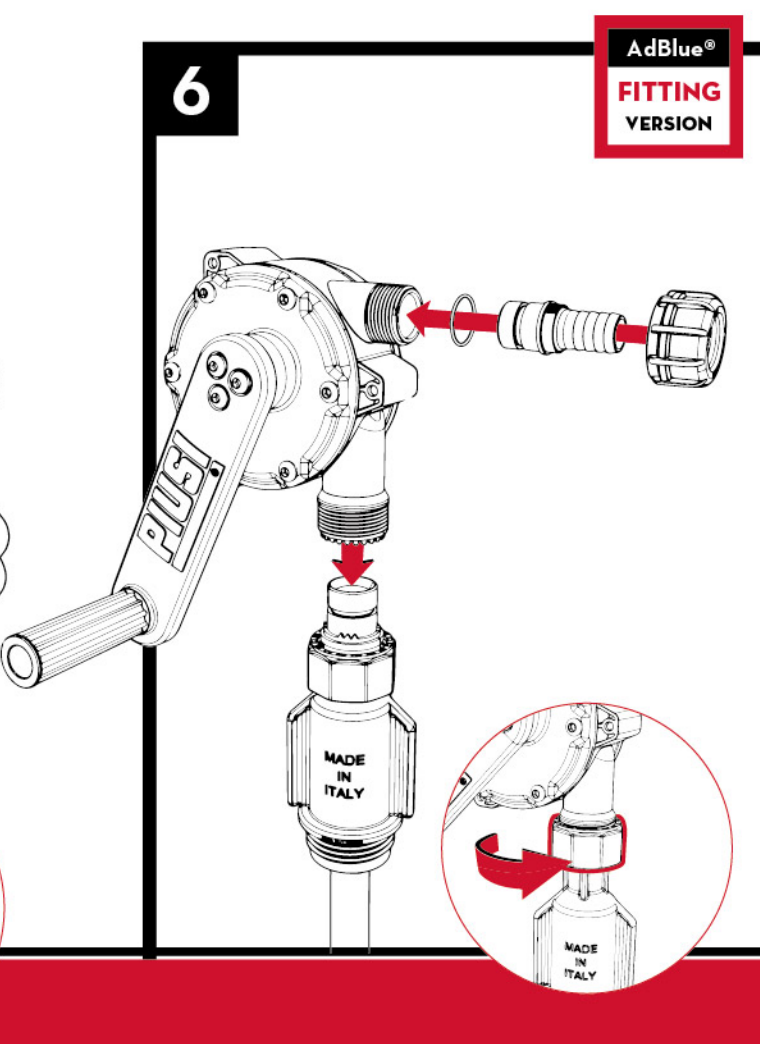
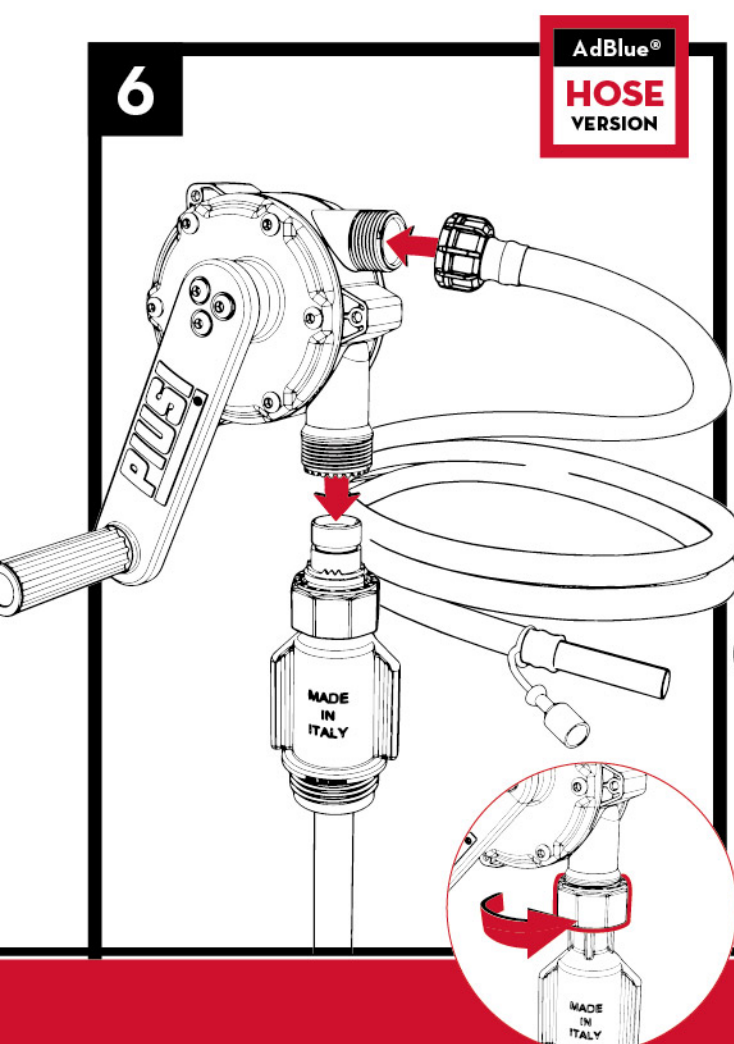
**KEEP CLOSED**



**START FAST clockwise**



**EN.** Fill the pump with the operating fluid.  
**DE.** Mit der Betriebsflüssigkeit füllen.  
**ES.** Llene con el líquido de utilización.  
**FR.** Remplir avec le fluide de service.  
**PT.** Encher com o líquido de utilização.  
**IT.** Riempire con il liquido di utilizzo.



**EN.** Replace the filter with original spare parts every year or as necessary. Note the date of replacement.  
**DE.** Den Filter einmal jährlich oder bei Bedarf durch Originalersatzteile ersetzen. Das Austauschdatum vermerken.  
**ES.** Usar recambios originales para cambiar el filtro anualmente o cuando sea necesario. Anotar la fecha de sustitución.  
**FR.** Remplacer le filtre par des pièces d'origine tous les ans et lorsque le besoin s'en fait sentir. Prendre note de la date de remplacement.  
**PT.** Substituir o filtro com peças originais uma vez ao ano ou quando necessário. Anotar a data de substituição.  
**IT.** Sostituire il filtro con ricambi originali ogni anno o quando necessario. Annotare la data di sostituzione.

**WARNING**

**EN.** If the pump fails to draw in fluid check that the system is assembled correctly (points 1, 2, 3 and 6), that the pump is full of operating fluid (point 5) and that you have turned the pump handle sufficiently fast. In version with 3D filter, check filter replacement date and ensure filter is not clogged. If necessary, change filter cartridge for a genuine PIUSI replacement part.

**DE.** Sollte die Pumpe nicht ansaugen, den vorschriftsmäßigen Einbau des Systems (Punkte 1, 2, 3 und 6), die Füllung der Pumpe mit der Betriebsflüssigkeit (Punkt 5) und die ausreichend schnelle Drehung nachweisen. Überprüfen Sie in der Version mit 3D Filter das Austauschdatum des Filters und den Filter auf etwaige Verstopfungen. Ersetzen Sie den Filtereinsatz bei Bedarf durch ein PIUSI-Originalersatzteil.

**ES.** Si la bomba no aspira, controle que el sistema esté bien montado (puntos 1, 2, 3 y 6), que la bomba se haya llenado con el líquido de utilización (punto 5) y que gire a la velocidad adecuada. En la versión con 3D filter, controle que el filtro no esté atascado y tenga en cuenta la fecha de sustitución. Si es necesario, cambie el cartucho por un recambio original PIUSI.

**FR.** Si la pompe n'aspire pas, contrôler que le système est monté correctement (points 1, 2, 3 et 6), que la pompe est remplie de fluide (point 5), et qu'elle ait tourné suffisamment vite. En version filtre 3D, vérifier la date de remplacement du filtre, et que ce dernier ne soit pas colmaté. Au besoin, remplacer la cartouche par une pièce détachée originale PIUSI.

**PT.** Se a bomba não aspira, verifique se o sistema está montado corretamente (pontos 1, 2, 3 e 6), se a bomba esteja cheia de líquido de utilização (ponto 5) e de ter girado rápido o suficiente. Na versão com 3D filter, verifique a data de substituição do filtro e se não está obstruído. Caso seja necessário, substitua o cartucho por um sobresselente original PIUSI.

**IT.** Se la pompa non aspira verificare che il sistema sia stato montato correttamente (punti 1, 2, 3 e 6), che la pompa sia riempita del liquido di utilizzo (punto 5) e di aver girato in modo sufficientemente veloce. Nella versione con 3D filter, controllare che il filtro sia ancora utilizzabile, in caso contrario sostituire la cartuccia con il ricambio originale.