

THE HILL DRY-PAC



What is Dry-Pac?

Dry-Pac is a patented method of extracting moisture from the air passing through hand operated air compressor pumps. We recommend that the Hill Pump is always used with a Dry-Pac.

How does the Dry-Pac work?

As air is drawn into the pump it is forced to pass through a specially selected medium that attracts and removes water molecules from air. The dryer air is then passed through the pump and the second integral micron filter in the normal way. The extraction is a one way process and eventually the medium will become fully saturated and require changing. The Dry-Pac should always be fixed in the vertical position but it can be rotated around the pump and retained by means of the grub screw.

How long does the Dry-Pac medium last?

Our tests show that under average conditions the Dry-Pac medium will be effective for up to four months. In warmer and humid climates, or for users who require optimum quality, we recommend that the medium is changed every 2-3 months. Although the Dry-Pac medium principally works with flowing air, it will continue to extract a small amount of moisture from still air. Therefore we recommend that the medium is also changed if the pump has undergone prolonged periods of storage

Replacement of the Dry-Pac medium

The only replacement medium we recommend is the Hill medium (product code 062128-56). This has been carefully researched and selected to give optimum performance. Do not attempt to use or mix other absorbent materials such as silica gels or dyed markers. These products have entirely different properties and will impair the correct functioning of the Dry-Pac.

Regeneration

There is currently no method of regenerating the medium in domestic circumstances. The medium should always be replaced with a fresh sachet. **Do not** attempt to heat or microwave the medium.

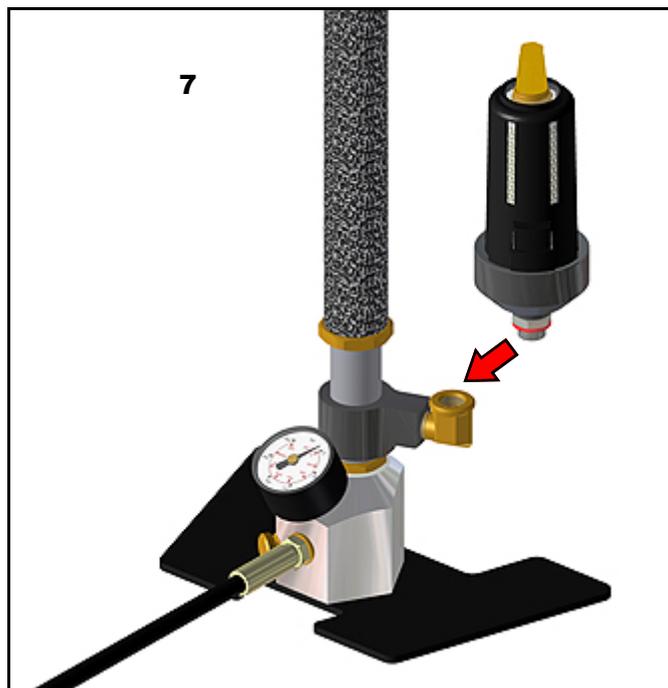
Environmental

The Dry-Pac medium is an **environmentally safe product**. Being a synthetic copy of a naturally occurring product it will have no detrimental effect on disposal in any normal waste treatment method. It is non toxic and can be handled and disposed of safely. Normal precautions should be taken when handling or storing the medium within the vicinity of children and pets. Although not harmful if swallowed it may cause the symptoms of slight dehydration.

Dry-Pac Medium Storage

The Dry-Pac medium is supplied in vacuum packed sachets with the optimum quantity to refill the Dry-Pac cartridge. Due to the nature of the medium, ambient temperature may cause expansion or contraction of the foil container. This is normal and has no detrimental effect on the life of the medium. Heat may cause the foil to expand like a balloon, cold may cause a "shrink wrap" condition. Providing the foil sachet remains intact the medium will not be impaired under most storage conditions.

DRY-PAC Patented Dry Air Flow System



Ernest H. Hill Ltd
SHEFFIELD - ENGLAND
www.airriflepump.com