

Armstrong's **Insu-Pak**TM

Steam trap insulation that **pays...on** and off.

A reusable, easy-on/easy-off
Insulation package for
Armstrong's Series 1810 and
Series 2010 traps.

Insulation and a program of regular trap maintenance are two important elements of practical energy management. And now you can insulate the in-line traps in your plant without complicating regular trap maintenance.

Until now, traps were often not insulated because of the problems of identifying and maintaining insulated traps. Hand insulating the irregular shape of traps is a cumbersome, time-consuming and often ineffective effort. And once a trap is insulated, it can be tested or inspected only by removing the insulating materials. As a result, insulated traps often were not tested because of the time, labor and cost involved in exposing and reinsulating them.

Now there's Insu-Pak, a simple reusable insulation package. Insu-Pak is a blanket of molded fiberglass insulation encased in a reinforced polyester shell. Insu-Pak cuts the time and cost of in-field installation because it goes on in a snap. And it comes off just as easily, making routine testing or replacement of traps quick and simple.

Insulation reduces needless energy waste. Controlled tests of the Insu-Pak document energy savings of one-half pound of steam per hour at -50". That's an annual savings of more than 4,000 lbs. of steam per trap—a significant amount when multiplied by the number of traps in your plant.

The Insu-Pak can prevent trap freeze-up when used in conjunction with a properly designed condensate manifold. Personnel protection is always a vital concern, and the Insu-Pak prevents burns caused by accidentally touching a hot steam trap. The insulation package is designed to far exceed any temperature the trap would be subjected to under normal* operating conditions.



Armstrong[®]



Insu-Pak™ Specifications.

Applications 1810 and 1811 (except flanged)
2010 and 2011. 1811 and 2011
with drain fittings,

Limitations The Insu-Pak is designed to far exceed any temperature the trap would be subjected to under normal* operating conditions.

Shell Reinforced polyester.

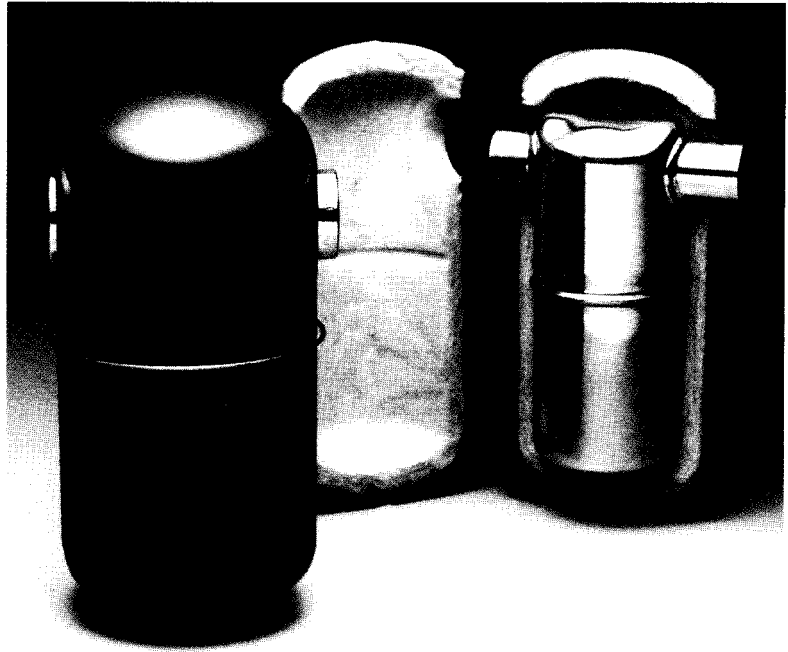
Insulation Molded fiberglass.

Spring 17-7 PH stainless steel

Weight 12 ounces

Dimensions $3\frac{7}{8}$ inches W.
 $8\frac{1}{8}$ inches H.

*Insulating traps on superheated steam is generally not advisable. Consult Armstrong for recommendations.



Simple stepby-step installation.

1. Remove required knockouts from outer shell. Grasp gently with pliers and twist. See figure 1.

2. Place both insulation and shell halves around the steam trap and slide the spring clamp into the retaining groove. See figures 2 and 3.

3. If desired, the Insu-Pak can be permanently sealed. Apply a sealant, such as silicone rubber, which will bond to the shell. Apply to outside as required and per manufacturer's instructions.

4. When using the Insu-Pak on applications with a pop drain, additional trimming of insulation around the pop drain fitting may be necessary.

Caution: Insulation shell may fracture if dropped or rammed.



Figure 1

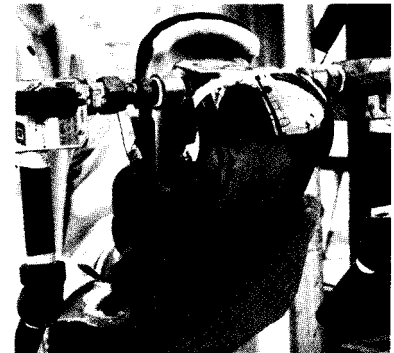


Figure 2

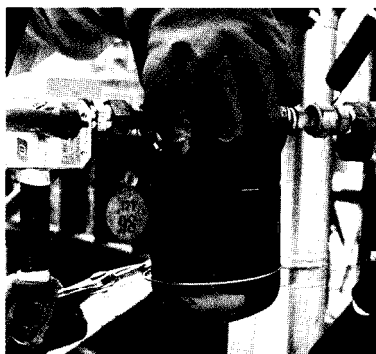


Figure 3

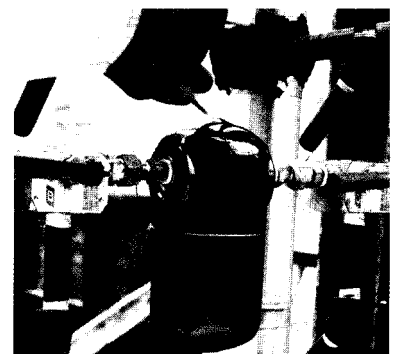


Figure 4

Your business depends on energy, our business depends on conserving it.



Armstrong International, Inc.

816 Maple Street, P.O. Box 408, Three Rivers, Michigan 49093 - USA Phone: (616) 273-1415

Parc Industriel Des Hauts-Sarts, B-4040 Herstal/Liege - Belgium Phone: (041) 480152

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