



Limited One Year Warranty  
T&S warrants to the original purchaser (other than for purposes of resale) that such product is free from defects in material and workmanship for a period of one (1) year from the date of purchase. During this one-year warranty period, if the product is found to be defective, T&S shall, at its options, repair and/or replace it. To obtain warranty service, products must be returned to...

T&S Brass and Bronze Works, Inc.  
Attn: Warranty Repair Department  
2 Saddleback Cove  
Travelers Rest, SC 29690

Shipping, freight, insurance, and other transportation charges of the product to T&S and the return of repaired or replaced product to the purchaser are the responsibility of the purchaser. Repair and/or replacement shall be made within a reasonable time after receipt by T&S of the returned product. This warranty does not cover items which have received secondary finishing or have been altered or modified after purchase, or for defects caused by physical abuse to or misuse of the product, or shipment of the products.

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P/N: 098-003119-45 Rev.2  
Date: 980410  
Drawn: CW  
Checked: MW 6-16-98  
Approved: MAB 6-10-98

# Installation and Maintenance Instructions



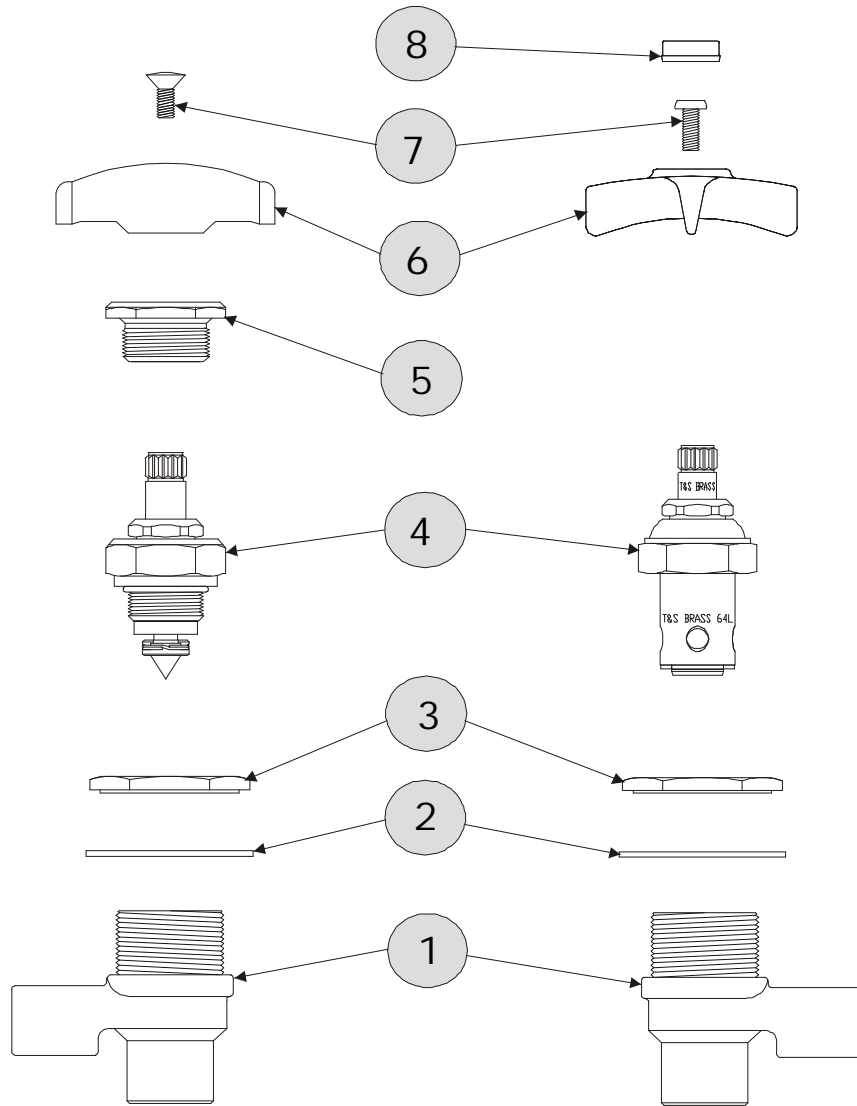
## Fume Hood Valves BL-4705 Series

**Deutsch: Installations- und  
Wartungsanleitungen**

**Español: la Instalación y las  
Instrucciones de  
Mantenimiento**

**Français: les Instructions  
d'Installation et  
d'Entretien**

# Exploded View



\* Some items are listed for instructional purposes and may not be sold as separate parts.

# Part Number Guide

## ***Fume Hood Valve Assemblies***

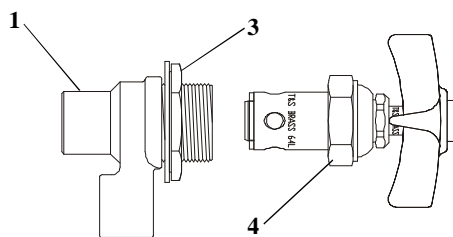
	Asm, Fume Hood Valve (Air & Gas)	(BL-4705-01)
	Asm, Fume Hood Valve (Water)	(BL-4705-02)
	Asm, Fume Hood Valve (Steam)	(BL-4705-03)
1	Body, Valve	*
2	Lock-Washer	*
3	Lock-Nut	*
4	Asm, Spindle (BL-4705-01, -02)	005960-40
	Asm, Spindle (BL-4705-03)	110A
5	Seat, Removable	000529-20
6	Handle, Stem	001149-20
	Handle	000059-40
7	Screw, Handle (BI-4705-01, -02)	000925-45
	Screw, Handle (BI-4705-03)	000922-45
8	Index Button, Snap-in	001197-45

# General Instructions

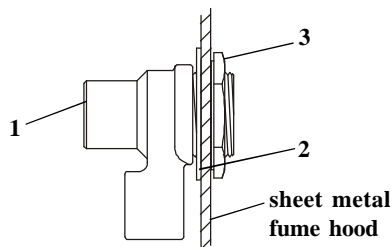
## Installation:

*Note: The BL-4705-01 used for air and gases, BL-4705-02 used for water (eterna), BL-4705-03 used for steam.*

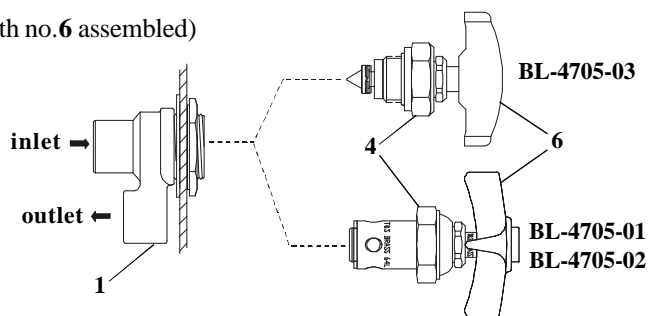
1. Drill one (1) 1-3/16" diameter hole in sheet metal fume hood face at desired mounting location.
2. Unscrew no.4 with a wrench and remove from no.1.



3. Unscrew and remove no.3 from no.1. Place threaded end of no.1 thru prepared hole location.



4. Place no.3 onto threaded end of no.1 and tighten.
5. Apply teflon tape or pipe joint compound to threads of no.1 and connect supply pipe and outlet pipe to no.1.
6. Reinstall no.4 (with no.6 assembled) into no.1.
7. Turn on (air, water, or gas) and check for leaks.

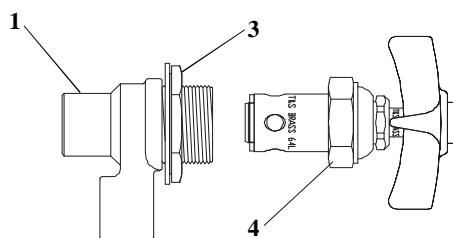


# Instrucciones Generales

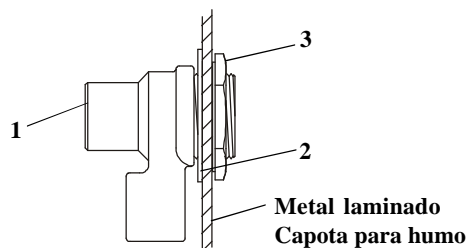
## Instalación:

*Nota: La parte BL-4705-01 es usada para aire y gases, la BL-4705-02 es usada para agua (eterna), la BL-4705-03 es usada para vapor.*

1. Perfore (1) un hueco de 3cm de diámetro en el metal laminado en el frente de la capota para humo en el local deseado para la instalación.
2. Destornille la parte No.4 con una llave y remuevala de la parte No.1.

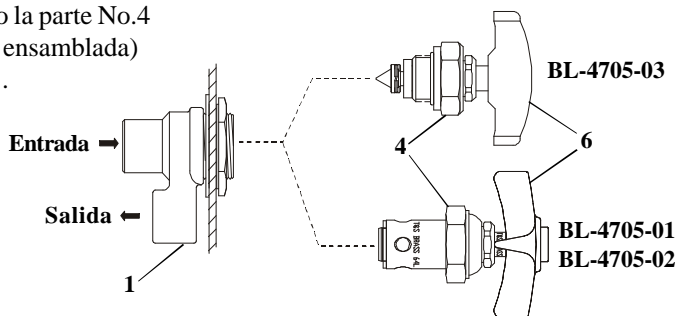


3. Destornille y remueva la parte No.3 de la parte No.1, coloque el extremo con rosca de la parte No.1 a través del hueco preparado de ante mano.



4. Coloque la parte No.3 en el extremo con rosca de la parte No.1 y aprete.
5. Aplique cinta para rosca de tubería o compuesto de coyuntura a las rosca de la parte No.1 y conecte el tubo surtidor y el tubo de salida a la parte No.1.
6. Instale de nuevo la parte No.4 (con la parte No.6 ensamblada) entre la parte No.1.

7. Abra (aire, agua o gas) e inspeccione por filtraciones.

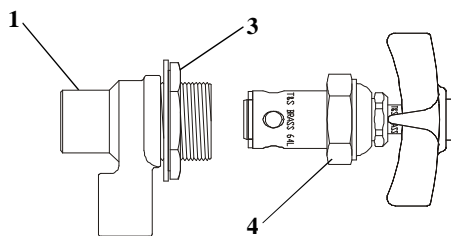


# Instructions Générales

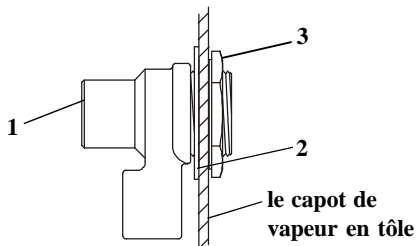
## L'Installation:

*Noter: On utiliser BL-4705-01 pour l'air et la gaz, BL-4705-02 pour l'eau (eterna), et BL-4705-03 pour le vapeur.*

1. Percer un (1) trou avec un diamètre de 3cm dans le capot de vapeur en tôle où vous aller installer l'élément.
2. Dévisser N°.4 avec une clef et enlever de N°.1.

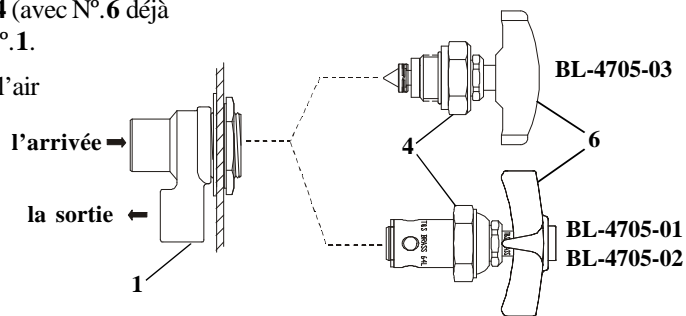


3. Dévisser et enlever N°.3 de N°.1. Mettre l'extrémité avec les filets à travers le trou déjà préparé.



4. Mettre N°.3 sur l'extrémité avec les filets de N°.1 et resserrer.
5. Appliquer le ruban en Téflon ou le composé pour les tuyaux aux filets de N°.1 et attacher le tuyau d'approvisionnement et le tuyau de sortie à N°.1.
6. Réinstaller N°.4 (avec N°.6 déjà assemblé) dans N°.1.

7. Recommencer (l'air ou le gaz, l'eau ou le vapeur) et vérifier s'il y a des fuites.

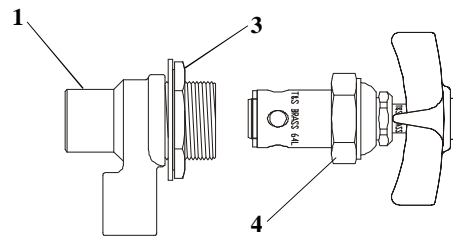


# Allgemeine Anleitungen

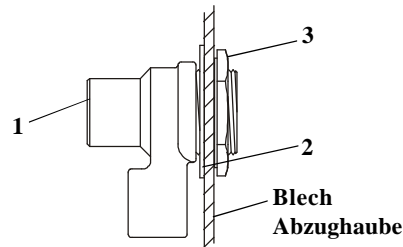
## Installation:

*Anmerkung: BL-4705-01 ist für Luft und Gase, BL-4705-02 für Wasser, BL-4705-03 für Dampf.*

1. Ein Loch mit 3cm Durchmesser an der gewünschten Anbringungsstelle in die Vorderseite der Blechabzughaube bohren.
2. Nr.4 mit einem Schraubenschlüssel losschrauben und von Nr.1 entfernen.

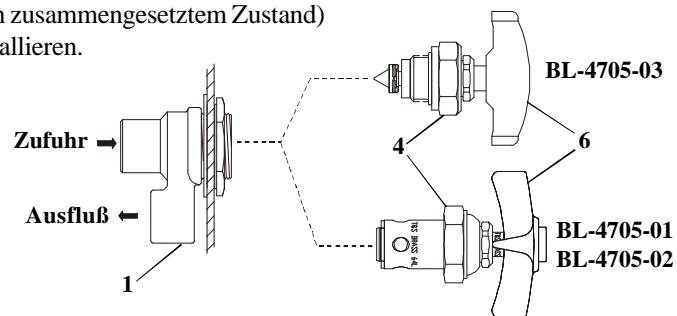


3. Nr.3 von Nr.1 losschrauben und entfernen. Das Gewindeende von Nr.1 durch das Loch geben.



4. Nr.3 auf das Gewindeende von Nr.1 aufsetzen und anziehen.
5. Teflonband oder Rohrdichtmasse auf das Gewinde von Nr.1 auftragen und Wasserzufuhrrohr und Auslaufrohr mit Nr.1 verbinden.
6. Nr.4 (mit Nr.6 in zusammengesetztem Zustand) wieder in Nr.1 installieren.

7. Luft-, Wasser- oder Gaszufuhr andrehen und auf Lecks Prüfen.



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**T&S BRASS AND BRONZE WORKS, INC.**

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