



Circuit Balancing Valves , Flo-Trex - Combination Valves

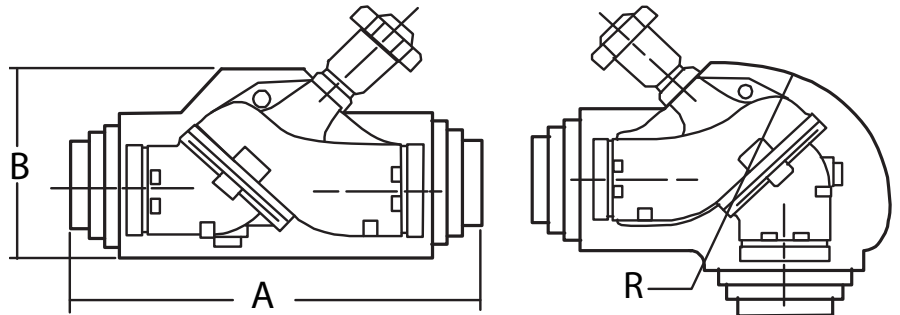
Insulation System - Sizes 2½" - 6"

FILE NO: 36.55
 DATE: Aug. 07, 2009
 SUPERSEDES: 36.55
 DATE: June 30, 2000

SUBMITTAL

JOB: _____	REPRESENTATIVE: _____
ENGINEER: _____	ORDER NO: _____ DATE: _____
CONTRACTOR: _____	SUBMITTED BY: _____ DATE: _____
	APPROVED BY: _____ DATE: _____

MATERIALS OF CONSTRUCTION	
Part Name	Material
Outside Shell (2)	Zeston 2000 PVC
Insulation Batten	Mineral Fiberglass
Fastener (4)	Stainless Steel



Model	Size	End Connection	Part #	Qty. Req'd	A	B	R	L x W x T Insulation Batten Size
CBV -GS FTV-GS	2½	Grooved / Straight	570225-386		20½	10	-	32 x 15 x 1½
	3		570225-387		20	11	-	37 x 15 x 1½
	4		570225-388		22½	12½	-	40 x 17 x 1½
	5		570225-389		26	14	-	48½ x 21 x 1½
	6		570225-390		30½	16	-	51½ x 22½ x 1½
CBV-GA FTV-GA	2½	Grooved / Angle	570225-486		-	-	11	23 x 17 x 1½
	3		570225-487		-	-	12	40 x 20 x 1½
	4		570225-488		-	-	13	37 x 27 x 1½
	5		570225-489		-	-	15½	48 x 33 x 1½
	6		570225-490		-	-	18½	50 x 40 x 1½

Installation Instructions

Armstrong Insulation Systems are available in sizes 2½" – 6", to suit Armstrong Circuit Balancing Valves and Armstrong Flo-Trex Combination Valves.

The outside shell is a pre-formed, removable PVC jacket, to meet ASTM D 1784/class 14253-C, MEA #7-87, ASTM E-84 and ASTM-136 with a flame spread rating of 50 or less. There is provided sufficient mineral fiberglass insulation to meet ASHRAE 90.1 – 1989 specifications in operating conditions with Maximum Fluid Design Operating Temperature Range of 141-200°F and Mean Rating Temperature of 125°F.



Fig. 1

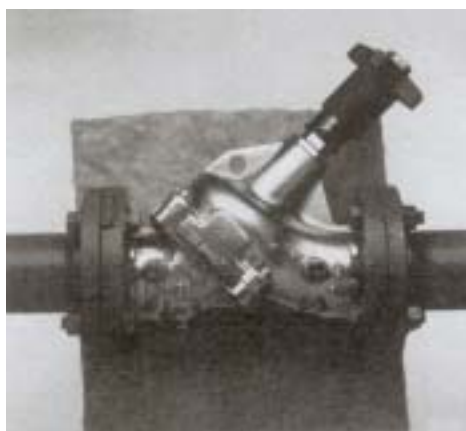


Fig. 2

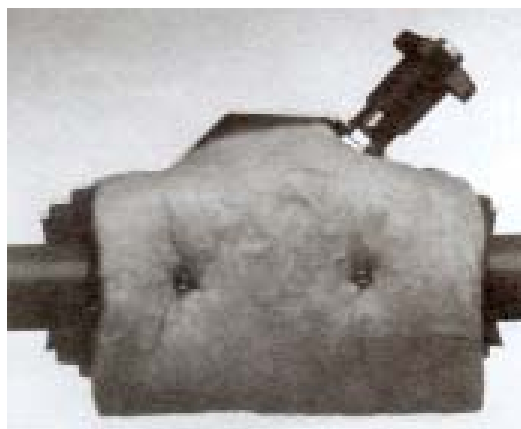


Fig. 3



Fig. 4

1. Wrap fiberglass insulation around valve keeping insulation tight around valve neck and body as shown in figs. 2 & 3.
2. Cut out insulation around PMP plugs so that when diagnostic checks are required, plugs are visible when outside shell is removed as shown in fig. 3.
3. Slide 2-piece outer shell over insulation snugly and then use fastening tacks on top and bottom to secure shell (fig. 4).

Note: For valve insulating and operating instructions, refer to the following File Numbers:

File No.: 36.80 – Mini Sweat CBV
 File No.: 36.81 – Compact Sweat CBV
 File No.: 36.84 – ½" – 2" Sweat CBV
 File No.: 36.85 – ½" – 2" NPT CBV
 File No.: 36.86 – 2½" – 12" Angle and Straight CBV

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