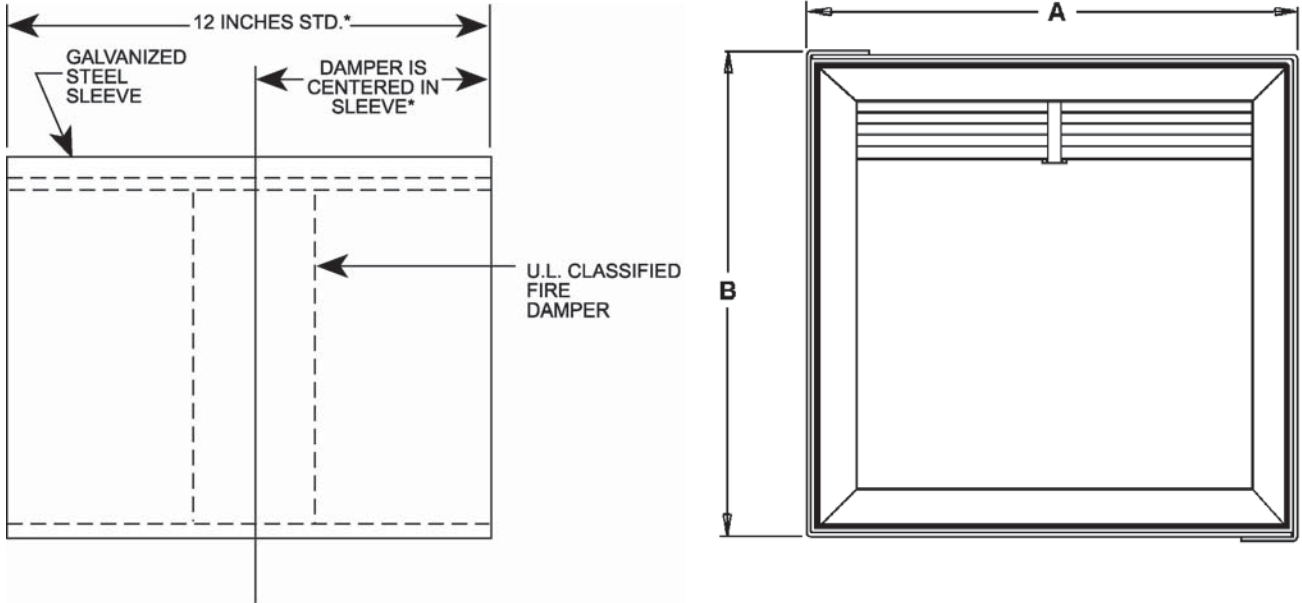


FIRE/SEAL[®]
UL-CLASSIFIED FIRE DAMPER
WITH FACTORY SLEEVE

**MODEL 117A, D17A,
 317A, D37A
 Vertical & Horizontal**



SLEEVE GAUGE	ACTUAL SLEEVE O.D. * *	
	"A"	"B"
20 + 18	$W - \frac{1}{8}$	H
16	$W - \frac{1}{8}$	H
14	$W - \frac{1}{16}$	$H + \frac{1}{8}$
12 + 10	W	$H + \frac{5}{16}$

NOTES:

1. W = Nominal duct width
2. H = Nominal duct height
- * 3. SLEEVE IS NOT TO EXTEND OVER SIX INCHES BEYOND WALL OR FLOOR OPENING (PER UL 555).
4. Assembly to dampers is per UL procedures.
 1-1/2 hr. dampers may be welded, bolted, or riveted.
 3 hr. dampers may be welded only.
- **5. Tolerances are $\pm \frac{1}{8}$ ".

PROJECT:
LOCATION:
ARCHITECT:
ENGINEER:
CONTRACTOR:
PO NUMBER:
DATE:



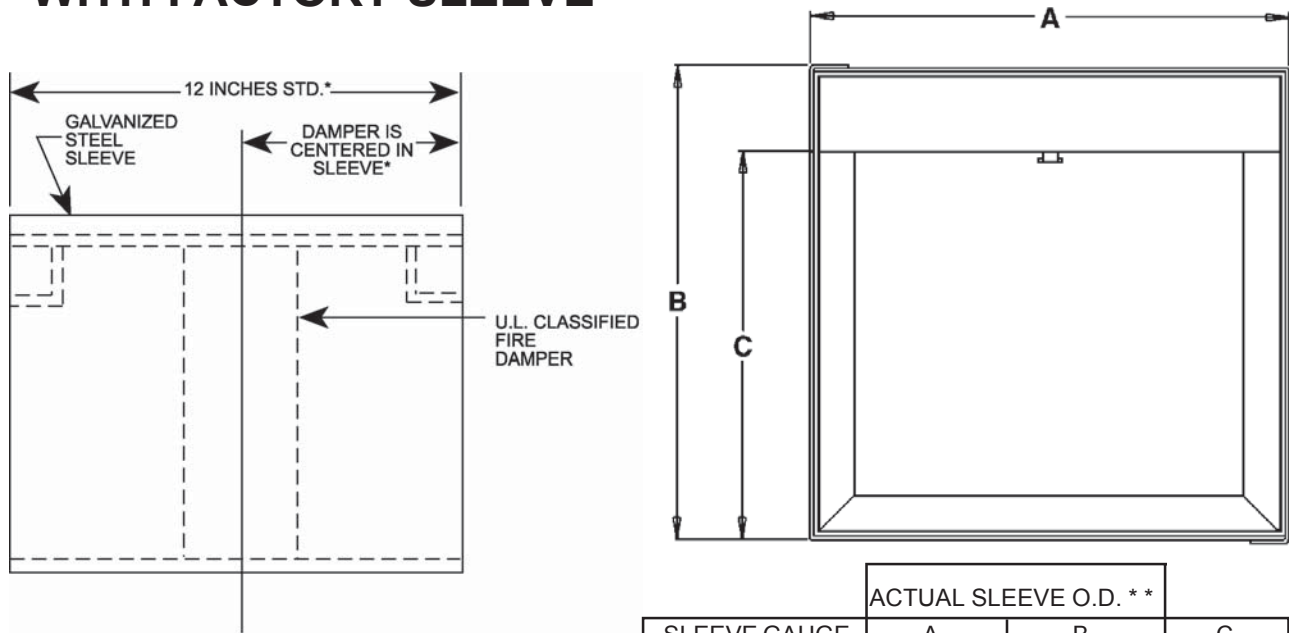
Arrow United Industries
 A Division of Mestek, Inc.
 314 Riverside Drive • Wyalusing, PA 18853
 Ph: (570)-746-1888 Fax: (570)-746-9286
 www.arrowunited.com

MEMBER OF AMCA

ARROW UNITED INDUSTRIES SUBMITTAL DATA

FIRE/SEAL[®] UL-CLASSIFIED FIRE DAMPER WITH FACTORY SLEEVE

**MODEL 117B, D17B,
317B, D37B
Vertical & Horizontal**



ACTUAL SLEEVE O.D. **			
SLEEVE GAUGE	A	B	C
20 + 18	$W - \frac{1}{8}$	OS	$H - \frac{1}{16}$
16	$W - \frac{1}{8}$	OS	$H - \frac{1}{16}$
14	$W - \frac{1}{16}$	$OS + \frac{1}{8}$	H
12 + 10	W	$OS + \frac{5}{16}$	$H + \frac{1}{8}$

HEAD SIZING CHARTS

Vertical & Horizontal (Model 117B)		Vertical (Model 317BV)		Horizontal (Model 317BH)	
	IF DUCT HEIGHT IS:	IF NOMINAL DUCT HEIGHT IS:	INCHES TO ADD FOR HEAD:	IF NOMINAL DUCT HEIGHT IS:	INCHES TO ADD FOR HEAD:
* Vertical Multiple Units Only	3" THRU 18"	3" THRU 18"	2"	3" THRU 18"	2"
	19" THRU 28"	19" THRU 28"	3"	19" THRU 28"	3"
	29" THRU 40"	29" THRU 32"	4"	29" THRU 32"	4"
	41" THRU 55"	33" THRU 40"	4"	33" THRU 40"	4"
	56" THRU 57"	41"	5"	41"	5"
	58" THRU 76"	56" THRU 57"	3"	56" THRU 57"	3"
	58" THRU 76"	4"	42"	6"	
		MULTIPLE PANEL			
		33" THRU 37"	2"		
		38" THRU 57"	3"		
		58" THRU 68"	4"		

(*)NOTE: MAXIMUM DUCT HEIGHT FOR HORIZONTAL UNITS:
Single Panel Dampers: 43" DUCT Height.
Multiple Panel (Wide) Dampers: 38" Height.

NOTES:

1. W = Nominal duct width
2. H = Nominal duct height
3. OS = Overall height (see Head Sizing Charts)
- * 4. SLEEVE IS NOT TO EXTEND OVER SIX INCHES BEYOND WALL OR FLOOR OPENING (PER UL 555).
5. Assembly to dampers is per UL procedures.
1-1/2 hr. dampers may be welded, bolted, or riveted.
3 hr. dampers may be welded only.
- ** 6. Tolerances are $\pm \frac{1}{8}$ ".

PROJECT:
LOCATION:
ARCHITECT:
ENGINEER:
CONTRACTOR:
PO NUMBER:
DATE:

Arrow United Industries
A Division of Mestek, Inc.
314 Riverside Drive • Wyalusing, PA 18853
Ph: (570)-746-1888 Fax: (570)-746-9286
www.arrowunited.com

MEMBER OF AMCA