



JAY R. SMITH MFG. CO.
 MEMBER OF ACORN'S FAMILY OF COMPANIES
 POST OFFICE BOX 3237
 MONTGOMERY, ALABAMA 36109-0237 (USA)
 TEL: 334-277-8520 FAX: 334-272-7396 www.jrsmith.com



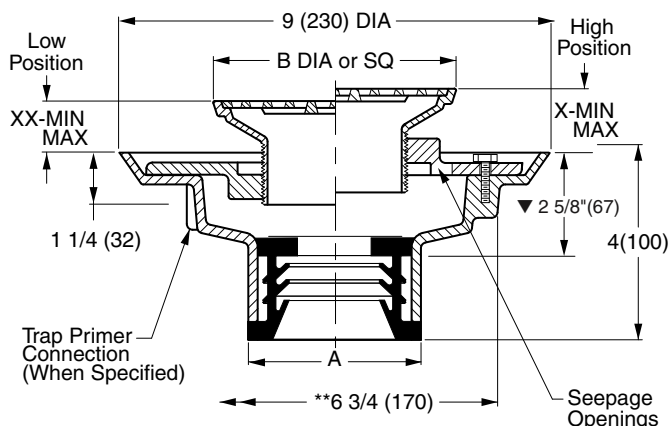
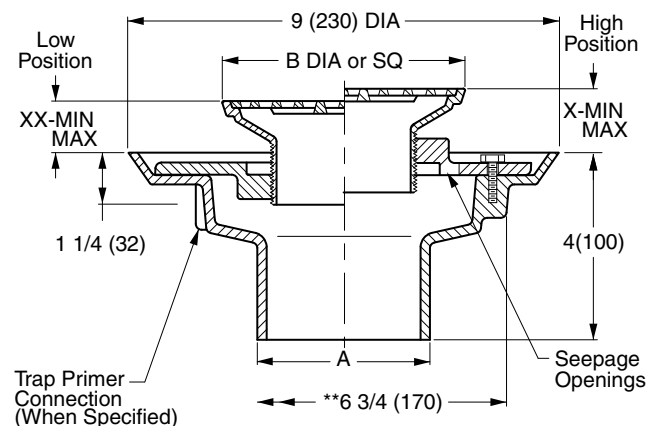
MEMBER OF:



LOCATION

FLOOR OR SHOWER DRAINS WITH ADJUSTABLE STRAINER HEADS

FUNCTION: General service floor drain for use in showers, toilets, kitchens and other finished areas where foot traffic is expected. The round top strainer head is used for all types of poured finished floors. The square top is particularly adaptable to floors that are finished in material of square or straight line pattern. Reversible flashing collar permits adjustment of the strainer to meet finished floor level.



A (Pipe Size) = 02(50), 03(75), 04(100), 05(125) or 06(150)

NO-HUB OUTLET

- ☐ Fig. 2005Y.....(A) ROUND TOP
☐ Fig. 2005Y.....(B) SQUARE TOP

Outlet Size	Nickel Bronze Strainer Head
02(50)	05(125) DIA or SQ
03(75)	06(150) DIA or SQ
04(100)	08(205) DIA or SQ

- ▼ This dimension to internal stop of speedi-set gasket.
- Add 3/8"(10) to all min/max dimensions for round strainers.
- * Collar is reversible to obtain extreme high and low strainer positions.
- Not available for 5"(125) size strainer.
- ** MIN 6 3/4"(170) hole required for core drilled application.

SPEEDI-SET OUTLET

- ☐ Fig. 2005L.....(A) ROUND TOP
☐ Fig. 2005L.....(B) SQUARE TOP

Strainer Size B	*Collar In High Position X		*Collar In Low Position XX		Free Area SQ IN (SQ CM)	
	MIN	MAX	MIN	MAX	ROUND	SQUARE
05 (125)	1 1/4(32)	2 1/4(57)	3/4(19)	1 5/8(41)	7(45)	6.5(42)
06 (150)	1 1/4(32)	2 1/4(57)	3/4(19)	1 5/8(41)	9(58)	12.5(81)
07 (180)	1 1/4(32)	2 1/4(57)	7/8(22)	1 7/8(48)	14(90)	11(71)
08 (205)	1 1/2(38)	2 1/2(64)	1(25)	1 7/8(48)	17(110)	14(90)
•09 (230)	1 1/2(38)	2 3/8(60)	1(25)	1 7/8(48)	18(116)	16(103)
•10 (255)	1 1/2(38)	2 3/8(60)	1(25)	1 7/8(48)	23(48)	16(103)

REGULARLY FURNISHED:

Duco Cast Iron Body with Flashing Collar and Adjustable Strainer Head as Indicated by Suffix Letter Selected.

VARIATIONS:

- ☐ Flapper Type Backwater Valve -V
- ☐ Hinged Grate -H
- ☐ L Speedi-Set Service Weight 2(50), 3(75) & 4"(100) only
- ☐ LXH Speedi-Set Extra Heavy 2(50), 3(75) & 4"(100) only
- ☐ Sediment Bucket -B
- ☐ Trap Primer Connection -P050 1/2" (13) & -P075 3/4" (19)
- ☐ Vandal Proof Screws -U
- ☐ Wide Flanged Strainer (Specify Fig. DX2005)
- ☐ T Threaded Outlet
- ☐ Heelproof Grate -HP -AHP (Round) or -BHP (Square)

OPTIONAL MATERIALS:

- ☐ Bronze Body -BB
- ☐ Chrome Plated Strainer -CP
- ☐ Galvanized Cast Iron Body -G
- ☐ Nickel Bronze Strainer -NB
- ☐ Polished Bronze Strainer -PB
- ☐ Stainless Steel (Specify Fig. 9700-A)

NOTE: Dimensions shown in parentheses are in millimeters.

- ▲ Meets ASME Standard A112.6.3-2001 02(50), 03(75) or 04"(100) sizes only.

SEE PM0457 FOR OPTIONAL STRAINER HEADS.

Q P N M	11-18-11 11-20-09 12/18/08 10/24/06	Rev. Dwg., Var. Revised Variations Addition to Variations NO-HUB to SPEEDI-SET	TBW RN JJ RN	CR BW BW CL	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
REV.	DATE	DESCRIPTION	BY	CKD. BY			2005

G	SMITH® JAY R. SMITH MFG. CO.® MEMBER OF ACORN'S FAMILY OF COMPANIES POST OFFICE BOX 3237 MONTGOMERY, ALABAMA 36109-0237 (USA) TEL: 334-277-8520 FAX: 334-272-7396 www.jrsmith.com MEMBER OF: PLUMBING AND DRAINAGE INSTITUTE					LOCATION																											
	OPTIONAL STRAINER HEADS																																
	DRAWING NUMBER PM0457 SH 1 of 2																																
	SIZE A																																
SCALE NONE	ROUND STRAINER																																
	MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: *Hinged Grate (Specify Suffix -AH) Sediment Bucket -B Vandal Proof Screws -U <table border="1" style="width: 100%; font-size: 0.8em; margin-top: 10px;"> <tr> <th>B DIA</th> <th>05 (125)</th> <th>06 (150)</th> <th>07 (180)</th> <th>08 (205)</th> <th>09 (230)</th> <th>10 (255)</th> </tr> <tr> <td>H</td> <td>2 (51)</td> <td>2 (51)</td> <td>2 1/4 (57)</td> <td>2 1/2 (64)</td> <td>2 1/2 (64)</td> <td>2 3/4 (70)</td> </tr> <tr> <td>X MIN</td> <td>1 1/4 (32)</td> <td>1 1/4 (32)</td> <td>1 1/4 (32)</td> <td>1 1/2 (38)</td> <td>1 1/2 (38)</td> <td>1 1/2 (38)</td> </tr> <tr> <td>X MAX</td> <td>2 1/4 (57)</td> <td>2 1/4 (57)</td> <td>2 1/4 (57)</td> <td>2 1/2 (64)</td> <td>2 1/2 (64)</td> <td>2 3/4 (70)</td> </tr> </table> Specify Type, Size & Finish eg: A05NB *Not available for 05" (125) size					B DIA	05 (125)	06 (150)	07 (180)	08 (205)	09 (230)	10 (255)	H	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)	2 1/2 (64)	2 3/4 (70)	X MIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)	1 1/2 (38)	1 1/2 (38)	X MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)	2 1/2 (64)	2 3/4 (70)
	B DIA	05 (125)	06 (150)	07 (180)	08 (205)	09 (230)	10 (255)																										
	H	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)	2 1/2 (64)	2 3/4 (70)																										
X MIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)	1 1/2 (38)	1 1/2 (38)																											
X MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)	2 1/2 (64)	2 3/4 (70)																											
SUFFIX -A																																	
DATE: 5-17-85	FLAPPER TYPE BACKWATER VALVE																																
	FUNCTION: Provides backwater protection at point where protection is needed. MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: *Hinged Grate (Specify Suffix -AH) Vandal Proof Screws -U <table border="1" style="width: 100%; font-size: 0.8em; margin-top: 10px;"> <tr> <th>B DIA</th> <th>05 (125)</th> <th>06 (150)</th> <th>07 (180)</th> <th>08 (205)</th> </tr> <tr> <td>H</td> <td>2 (51)</td> <td>2 (51)</td> <td>2 1/4 (57)</td> <td>2 1/2 (64)</td> </tr> <tr> <td>X MIN</td> <td>1 1/4 (32)</td> <td>1 1/4 (32)</td> <td>1 1/4 (32)</td> <td>1 1/2 (38)</td> </tr> <tr> <td>X MAX</td> <td>2 1/4 (57)</td> <td>2 1/4 (57)</td> <td>2 1/4 (57)</td> <td>2 1/2 (64)</td> </tr> </table> Specify Type, Size & Finish eg: AV05NB *Not available for 05" (125) size					B DIA	05 (125)	06 (150)	07 (180)	08 (205)	H	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)	X MIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)	X MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)								
	B DIA	05 (125)	06 (150)	07 (180)	08 (205)																												
	H	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)																												
X MIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)																													
X MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)																													
SUFFIX -AV																																	
APPROVED BY: TD	SQUARE STRAINER																																
	MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -BV) 05 (125), 06 (150), 07 (180) or 08" (205) sizes only *Hinged Grate (Specify Suffix -BH) Sediment Bucket -B Vandal Proof Screws -U <table border="1" style="width: 100%; font-size: 0.8em; margin-top: 10px;"> <tr> <th>B DIA</th> <th>05 (125)</th> <th>06 (150)</th> <th>07 (180)</th> <th>08 (205)</th> <th>09 (230)</th> <th>10 (255)</th> </tr> <tr> <td>H</td> <td>2 (51)</td> <td>2 (51)</td> <td>2 1/4 (57)</td> <td>2 1/2 (64)</td> <td>2 1/4 (57)</td> <td>2 1/4 (57)</td> </tr> <tr> <td>X MIN</td> <td>1 1/4 (32)</td> <td>1 1/4 (32)</td> <td>1 1/4 (32)</td> <td>1 1/2 (38)</td> <td>1 1/2 (38)</td> <td>1 1/2 (38)</td> </tr> <tr> <td>X MAX</td> <td>2 1/4 (57)</td> <td>2 1/4 (57)</td> <td>2 1/4 (57)</td> <td>2 1/2 (64)</td> <td>2 1/4 (57)</td> <td>2 3/8 (60)</td> </tr> </table> Specify Type, Size & Finish eg: B05NB *Not available for 05" (125) size					B DIA	05 (125)	06 (150)	07 (180)	08 (205)	09 (230)	10 (255)	H	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)	2 1/4 (57)	2 1/4 (57)	X MIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)	1 1/2 (38)	1 1/2 (38)	X MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)	2 1/4 (57)	2 3/8 (60)
	B DIA	05 (125)	06 (150)	07 (180)	08 (205)	09 (230)	10 (255)																										
	H	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)	2 1/4 (57)	2 1/4 (57)																										
X MIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)	1 1/2 (38)	1 1/2 (38)																											
X MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)	2 1/4 (57)	2 3/8 (60)																											
SUFFIX -B																																	
CHECKED BY: TD	STRAINER HEAD w/SQUARE HINGED COVER																																
	MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Gasketed Water Tight Cover -GC Secured Cover -SC Secondary Strainer Grate-SG Specify Type, Size & Finish eg: BSNB																																
	SUFFIX -BS																																
	REINFORCED ROUND STRAINER																																
DRAWN BY: PJ	FUNCTION: Used in finished floors where light wheeled loads are anticipated.																																
	MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -CV) Sediment Bucket -B Vandal Proof Screws -U <table border="1" style="width: 100%; font-size: 0.8em; margin-top: 10px;"> <tr> <th>B DIA</th> <th>05 (125)</th> <th>06 (150)</th> <th>08 (205)</th> <th>10 (255)</th> </tr> <tr> <td>H</td> <td>2 (51)</td> <td>2 (51)</td> <td>2 1/2 (64)</td> <td>2 3/4 (70)</td> </tr> <tr> <td>MIN</td> <td>1 1/4 (32)</td> <td>1 1/4 (32)</td> <td>1 1/2 (38)</td> <td>1 7/8 (48)</td> </tr> <tr> <td>MAX</td> <td>2 1/4 (57)</td> <td>2 1/4 (57)</td> <td>2 1/2 (64)</td> <td>2 3/4 (70)</td> </tr> </table> Specify Type, Size & Finish eg: C06NB					B DIA	05 (125)	06 (150)	08 (205)	10 (255)	H	2 (51)	2 (51)	2 1/2 (64)	2 3/4 (70)	MIN	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)	1 7/8 (48)	MAX	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)	2 3/4 (70)								
	B DIA	05 (125)	06 (150)	08 (205)	10 (255)																												
	H	2 (51)	2 (51)	2 1/2 (64)	2 3/4 (70)																												
MIN	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)	1 7/8 (48)																													
MAX	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)	2 3/4 (70)																													
SUFFIX -C																																	
FIGURE NUMBER	REINFORCED TRACTOR STRAINER																																
	FUNCTION: Used in finished floors where medium weight wheeled loads are anticipated and loose set non-tilt tractor grate is desired.																																
	MATERIALS: Cast Iron -CI Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -DV or -EV) Sediment Bucket -B Vandal Proof Screws -U <table border="1" style="width: 100%; font-size: 0.8em; margin-top: 10px;"> <tr> <th>SUFFIX</th> <th>B DIA</th> <th>H</th> <th colspan="2">X</th> </tr> <tr> <td></td> <td></td> <td></td> <td>MIN</td> <td>MAX</td> </tr> <tr> <td>-D</td> <td>07 (180)</td> <td>3 1/4 (83)</td> <td>2 5/8 (67)</td> <td>3 1/2 (89)</td> </tr> <tr> <td>-E</td> <td>09 (230)</td> <td>3 1/2 (89)</td> <td>2 3/4 (70)</td> <td>3 1/2 (89)</td> </tr> </table> Specify Type, Size & Finish eg: D09PB E09PB					SUFFIX	B DIA	H	X					MIN	MAX	-D	07 (180)	3 1/4 (83)	2 5/8 (67)	3 1/2 (89)	-E	09 (230)	3 1/2 (89)	2 3/4 (70)	3 1/2 (89)								
	SUFFIX	B DIA	H	X																													
			MIN	MAX																													
-D	07 (180)	3 1/4 (83)	2 5/8 (67)	3 1/2 (89)																													
-E	09 (230)	3 1/2 (89)	2 3/4 (70)	3 1/2 (89)																													
SUFFIX -D-E																																	
TILE FLANGE																																	
FUNCTION: Provides integral flange set 5/32" (4) below rim to receive floor covering. Flange may have option of tapped holes for securing pan and gasket.																																	
MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -FV) Holes in Flange -SH Sediment Bucket -B Vandal Proof Screws -U <table border="1" style="width: 100%; font-size: 0.8em; margin-top: 10px;"> <tr> <th colspan="2">X</th> </tr> <tr> <th>MIN</th> <th>MAX</th> </tr> <tr> <td>1 1/4 (32)</td> <td>2 1/8 (54)</td> </tr> </table> Specify Type, Size & Finish eg: F06NB						X		MIN	MAX	1 1/4 (32)	2 1/8 (54)																						
X																																	
MIN	MAX																																
1 1/4 (32)	2 1/8 (54)																																
SUFFIX -F																																	
ADJUSTABLE STRAINER HEAD																																	
FUNCTION: Used in a non-traffic area when a funnel type strainer head is required and space does not allow use of the 3500 series funnel. The extended rim allows use as an anti-flood and anti-splash drip pan.																																	
VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -F37V or F38V) MATERIALS: Cast Iron -CI Chrome Plated -CP Galvanized Cast Iron -G Polished Bronze -PB Nickel Bronze -NB <table border="1" style="width: 100%; font-size: 0.8em; margin-top: 10px;"> <tr> <th>SUFFIX</th> <th>-F37</th> <th>-F38</th> </tr> <tr> <td>B DIA</td> <td>07 (180)</td> <td>09 (230)</td> </tr> <tr> <td>H</td> <td>3 1/4 (83)</td> <td>3 1/2 (89)</td> </tr> <tr> <td>X MIN</td> <td>2 5/8 (67)</td> <td>2 3/4 (70)</td> </tr> <tr> <td>X MAX</td> <td>3 1/2 (89)</td> <td>3 1/2 (89)</td> </tr> </table> Specify Type, Size & Finish eg: F37NB F38CP						SUFFIX	-F37	-F38	B DIA	07 (180)	09 (230)	H	3 1/4 (83)	3 1/2 (89)	X MIN	2 5/8 (67)	2 3/4 (70)	X MAX	3 1/2 (89)	3 1/2 (89)													
SUFFIX	-F37	-F38																															
B DIA	07 (180)	09 (230)																															
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X MIN	2 5/8 (67)	2 3/4 (70)																															
X MAX	3 1/2 (89)	3 1/2 (89)																															
SUFFIX -F37-F38																																	
FIGURE NUMBER 2010 SERIES OPTIONAL STRAINER HEADS 1 of 2																																	

REV.	DATE	DESCRIPTION	BY	CKD. BY

NOTE: Dimensions shown in parenthesis are in millimeters.

2010 SERIES OPTIONAL STRAINER HEADS	DRAWING NUMBER PM0457 SH 2 of 2	SIZE A	SCALE NONE	DATE: 5-17-85	APPROVED BY: TD	CHECKED BY: TD	DRAWN BY: PJ	DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE	H
									SMITH® JAY R. SMITH MFG. CO.® MEMBER OF ACORN'S FAMILY OF COMPANIES POST OFFICE BOX 3237 MONTGOMERY, ALABAMA 36109-0237 (USA) TEL: 334-277-8520 FAX: 334-272-7396 www.jrsmith.com
									LOCATION
									ASPE
									MEMBER OF:
									OPTIONAL STRAINER HEADS
									LOW DOME STRAINER
									SOLID HINGED COVER
									SPANNER WRENCH COVER
									REINFORCED SQUARE STRAINER
									RECTANGULAR STRAINER
									ANGLE STRAINER
									EXTENSION ADAPTOR
									OVERFLOW WITH STANDPIPE
									HEAVY DUTY ADJUSTABLE
									FIGURE NUMBER
									FIGURE NUMBER 2010 SERIES OPTIONAL STRAINER HEADS 2 of 2

NOTE: Dimensions shown in parenthesis are in millimeters.