

M	JAY R. SMITH MFG. CO.® MEMBER OF MORRIS GROUP INTERNATIONAL POST OFFICE BOX 3237 MONTGOMERY, ALABAMA 36109-0237 (USA) TEL: 334-277-8520 FAX: 888-377-7818 www.jrsmith.com		 MEMBER OF:		LOCATION																																			
	FLOOR OR SHOWER DRAINS WITH ADJUSTABLE STRAINER HEADS																																							
	Load Rating: Light Duty having a Safe Live (Static) Load less than 2,000 lbs. (900 kg) per ASME A112.6.3 Floor Drain Standard. For the specific Safe Live Load rating of any grate, contact the Smith representative or factory direct.																																							
	SHALLOW TRAP - SIDE OUTLET <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th>A SIZE</th><th>B</th><th>D</th><th>E</th><th>F Seal</th><th>G</th><th>H</th><th colspan="2">MIN-X-MAX</th></tr> <tr> <td>02 (51)</td><td>05 (125)</td><td>1 3/4 (44)</td><td>5 (125)</td><td>2 (51)</td><td>6 3/4 (170)</td><td>9 1/2 (240)</td><td>1 1/4 (32)</td><td>2 1/4 (57)</td></tr> <tr> <td>03 (76)</td><td>06 (150)</td><td>2 1/4 (57)</td><td>4 1/2 (115)</td><td>2 (51)</td><td>9 (230)</td><td>12 1/4 (310)</td><td>1 1/4 (32)</td><td>2 1/4 (57)</td></tr> <tr> <td>04 (100)</td><td>08 (205)</td><td>3 (76)</td><td>8 1/2 (215)</td><td>2 1/2 (64)</td><td>10 (255)</td><td>12 3/4 (325)</td><td>1 1/2 (38)</td><td>2 1/2 (64)</td></tr> </table>					A SIZE	B	D	E	F Seal	G	H	MIN-X-MAX		02 (51)	05 (125)	1 3/4 (44)	5 (125)	2 (51)	6 3/4 (170)	9 1/2 (240)	1 1/4 (32)	2 1/4 (57)	03 (76)	06 (150)	2 1/4 (57)	4 1/2 (115)	2 (51)	9 (230)	12 1/4 (310)	1 1/4 (32)	2 1/4 (57)	04 (100)	08 (205)	3 (76)	8 1/2 (215)	2 1/2 (64)	10 (255)	12 3/4 (325)	1 1/2 (38)
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SIZE	DRAWING NUMBER																																							
A	S2020																																							
SCALE:	NONE																																							
DATE:	5-17-85																																							
APPROVED BY:	TD																																							
CHECKED BY:	TD																																							
DRAWN BY:	PJ																																							
FIGURE NUMBER	2020, 2021, 2030 2031, 2040, 2041																																							

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

THREAD OUTLET

***SPIGOT OUTLET**

Fig. 2020T ... (A) ROUND TOP 2021S

Fig. 2020T ... (B) SQUARE TOP ... 2021S

DEEP TRAP - SIDE OUTLET

A SIZE	B	D	E	F Seal	G	H	MIN-X-MAX	
02 (51)	05 (125)	1 3/4 (44)	5 1/4 (135)	2 (51)	5 (125)	8 (205)	1 1/4 (32)	2 1/4 (57)
03 (76)	06 (150)	2 (51)	7 (180)	2 1/4 (57)	8 (205)	10 (255)	1 1/4 (32)	2 1/4 (57)
04 (100)	08 (205)	3 (76)	8 1/2 (215)	2 1/2 (64)	10 (255)	12 3/4 (325)	1 1/2 (38)	2 1/2 (64)

THREAD OUTLET

***SPIGOT OUTLET**

Fig. 2030T ... (A) ROUND TOP 2031S

Fig. 2030T ... (B) SQUARE TOP ... 2031S

DEEP TRAP WITH FLOOR CLEANOUT - SIDE OUTLET

A SIZE	B	MIN-X-MAX	
02 (51)	05 (125)	1 1/4 (32)	2 1/4 (57)
03 (76)	06 (150)	1 1/4 (32)	2 1/4 (57)
04 (100)	08 (205)	1 1/2 (38)	2 1/2 (64)

THREAD OUTLET

***SPIGOT OUTLET**

Fig. 2040T ... (A) ROUND TOP 2041S

Fig. 2040T ... (B) SQUARE TOP ... 2041S

REGULARLY FURNISHED:

Duco Cast Iron Body and Flashing Collar, Adjustable Strainer Head, with Secured Grate. Type of Body and Strainer Head as Indicated by Figure ** Number and Strainer Suffix Letter Selected.

NOTE 1: Sediment Bucket -B not provided for a Hinged Grate (-H)

NOTE 2: Sediment Bucket -B not provided for a Ball Float (-BFV) or a Flapper Type (-V)

VARIATIONS:

☐ Ball Float Backwater Valve -BFV (NOTE 2)
 ☐ High Auxiliary Inlet -NH (1 1/2 (38) or 2" (51))

☐ Hinged Grate -H (NOTE 1)
 ☐ Low Auxiliary Inlet -NL (Fig. 2040 only)

☐ Sediment Bucket -B
 ☐ Trap Primer Connection -P050 (1/2" (13)) & -P075 (3/4" (19))

☐ Vandal Proof Screws -U

OPTIONAL MATERIALS:

☐ Chrome Plated Strainer -CP
 ☐ Galvanized Cast Iron -G

☐ Nickel Bronze Strainer -NB
 ☐ Polished Bronze Strainer -PB

* Sized for service weight and/or NO-HUB.
 ** Not available for 5" (125) size strainer.
 *** Collar can be used in high position only.

SEE PM0457 FOR OPTIONAL STRAINER HEADS.

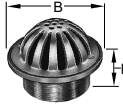
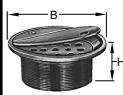
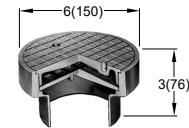
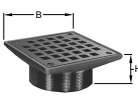
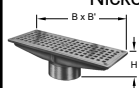
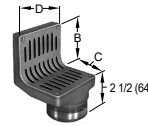
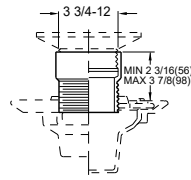
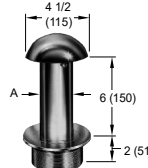
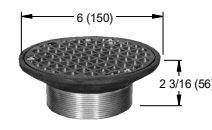
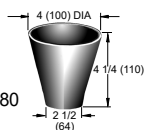
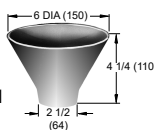
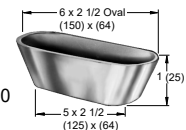
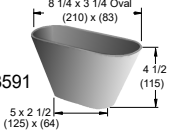
REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 2020, 2021, 2030 2031, 2040, 2041

N						NOTE 1: Sediment Bucket -B not provided for a Hinged Grate (-H) NOTE 2: Sediment Bucket -B not provided for a Ball Float (-BFV) or a Flapper Type (-V)																																																	
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	DRAWING NUMBER PM0457 SH 1 of 2	SIZE A	ROUND STRAINER MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB Stainless Steel Strainers -SS [Available in 05(125) & 06(150) sizes only] VARIATIONS: *Hinged Grate (Specify Suffix -AH) (NOTE 1) Sediment Bucket -B Vandal Proof Screws -U <table border="1" style="width: 100%; font-size: 8px; text-align: center;"> <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 SUFFIX -A FLAPPER TYPE BACKWATER VALVE 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: 8px; text-align: center;"> <tr><th>B SQ</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 SUFFIX -AV					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 SQ	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)
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SCALE NONE	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 (NOTE 2) *Hinged Grate (Specify Suffix -BH) (NOTE 1) Sediment Bucket -B Vandal Proof Screws -U <table border="1" style="width: 100%; font-size: 8px; text-align: center;"> <tr><th>B SQ</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 SUFFIX -B 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						B SQ	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)																					
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DATE: 5-17-85	REINFORCED ROUND STRAINER MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -CV) (NOTE 2) Sediment Bucket -B Vandal Proof Screws -U <table border="1" style="width: 100%; font-size: 8px; text-align: center;"> <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 SUFFIX -C REINFORCED TRACTOR STRAINER MATERIALS: Cast Iron -CI Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -DV or -EV) (NOTE 2) Sediment Bucket -B Vandal Proof Screws -U <table border="1" style="width: 100%; font-size: 8px; text-align: center;"> <tr><th>SUFFIX</th><th>B DIA</th><th>H</th><th colspan="2">X</th></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: D07PB E09PB SUFFIX -D-E						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	B DIA	H	X		-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)														
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APPROVED BY: TD	TILE FLANGE 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: 8px; text-align: center;"> <tr><th colspan="2">X</th></tr> <tr><td>MIN</td><td>MAX</td></tr> <tr><td>1 1/4 (32)</td><td>2 1/8 (54)</td></tr> </table> Specify Type, Size & Finish eg: F06NB SUFFIX -F ADJUSTABLE STRAINER HEAD VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -F37V or F38V) Sediment Bucket -B 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: 8px; text-align: center;"> <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						X		MIN	MAX	1 1/4 (32)	2 1/8 (54)	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)																												
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CHECKED BY: TD	REINFORCED ROUND STRAINER MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -CV) (NOTE 2) Sediment Bucket -B Vandal Proof Screws -U <table border="1" style="width: 100%; font-size: 8px; text-align: center;"> <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 SUFFIX -C REINFORCED TRACTOR STRAINER MATERIALS: Cast Iron -CI Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -DV or -EV) (NOTE 2) Sediment Bucket -B Vandal Proof Screws -U <table border="1" style="width: 100%; font-size: 8px; text-align: center;"> <tr><th>SUFFIX</th><th>B DIA</th><th>H</th><th colspan="2">X</th></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: D07PB E09PB SUFFIX -D-E						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	B DIA	H	X		-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)														
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	B DIA	H	X																																																				
-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)																																																			
DRAWING NUMBER PM0457 SH 1 of 2	ROUND STRAINER MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB Stainless Steel Strainers -SS [Available in 05(125) & 06(150) sizes only] VARIATIONS: *Hinged Grate (Specify Suffix -AH) (NOTE 1) Sediment Bucket -B Vandal Proof Screws -U <table border="1" style="width: 100%; font-size: 8px; text-align: center;"> <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 SUFFIX -A FLAPPER TYPE BACKWATER VALVE 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: 8px; text-align: center;"> <tr><th>B SQ</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 SUFFIX -AV						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 SQ	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)	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 SQ	05 (125)	06 (150)	07 (180)	08 (205)																																																			
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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)																																																			
FIGURE NUMBER	TILE FLANGE 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: 8px; text-align: center;"> <tr><th colspan="2">X</th></tr> <tr><td>MIN</td><td>MAX</td></tr> <tr><td>1 1/4 (32)</td><td>2 1/8 (54)</td></tr> </table> Specify Type, Size & Finish eg: F06NB SUFFIX -F ADJUSTABLE STRAINER HEAD VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -F37V or F38V) Sediment Bucket -B 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: 8px; text-align: center;"> <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						X		MIN	MAX	1 1/4 (32)	2 1/8 (54)	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)																												
X																																																							
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1 1/4 (32)	2 1/8 (54)																																																						
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REV.	DATE	DESCRIPTION	BY	CKD. BY	FIGURE NUMBER 2005/2010 SERIES OPTIONAL STRAINER HEADS 1 of 2																																																		

NOTE: Dimensions shown in parentheses are in millimeters.



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2010 SERIES OPTIONAL STRAINER HEADS	FIGURE NUMBER	DRAWN BY: PJ	CHECKED BY: TD	APPROVED BY: TD	DATE: 5-17-85	SCALE: NONE	SIZE: A	DRAWING NUMBER: PM0457 SH 2 of 2	SMITH® JAY R. SMITH MFG. CO.® MEMBER OF MORRIS GROUP INTERNATIONAL POST OFFICE BOX 3237 MONTGOMERY, ALABAMA 36109-0237 (USA) TEL: 334-277-8520 FAX: 888-377-7818 www.jrsmith.com CUSTOMER DRIVEN SINCE 1926	ASPE MEMBER OF:	PD MEMBER OF:	LOCATION																																																																											
									OPTIONAL STRAINER HEADS																																																																														
									LOW DOME STRAINER			SOLID HINGED COVER			SPANNER WRENCH COVER																																																																								
									MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB  VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -GV) Sediment Bucket -B Vandal Proof Screws -U <table><tr><td>B DIA</td><td>05 (125)</td><td>06 (150)</td><td>08 (205)</td></tr><tr><td>H</td><td>2 (51)</td><td>2 (51)</td><td>2 1/2 (64)</td></tr><tr><td>MIN</td><td>1 1/4 (32)</td><td>1 1/4 (32)</td><td>1 1/2 (38)</td></tr><tr><td>MAX</td><td>2 1/4 (57)</td><td>2 1/4 (57)</td><td>2 1/2 (64)</td></tr></table> NON-TRAFFIC SUFFIX -G Specify Type, Size & Finish eg: G08PB			B DIA	05 (125)	06 (150)	08 (205)	H	2 (51)	2 (51)	2 1/2 (64)	MIN	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)	MAX	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)	MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -GV) Vandal Proof Screws -U  VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -GV) Vandal Proof Screws -U <table><tr><td>B DIA</td><td>05 (125)</td><td>06 (150)</td><td>07 (180)</td><td>08 (205)</td></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>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>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> LIGHT DUTY SUFFIX -H Specify Type, Size & Finish eg: H05CP			B DIA	05 (125)	06 (150)	07 (180)	08 (205)	H	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)	MIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)	MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)	MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -JV) Sediment Bucket -B  MEDIUM DUTY <table><tr><td colspan="2">X</td></tr><tr><td>MIN</td><td>MAX</td></tr><tr><td>2 (51)</td><td>3 (76)</td></tr></table> SUFFIX -J Specify Type, Size & Finish eg: J06NB			X		MIN	MAX	2 (51)	3 (76)																												
									B DIA	05 (125)	06 (150)	08 (205)																																																																											
									H	2 (51)	2 (51)	2 1/2 (64)																																																																											
									MIN	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)																																																																											
									MAX	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)																																																																										
MIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)																																																																																			
MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)																																																																																			
X																																																																																							
MIN	MAX																																																																																						
2 (51)	3 (76)																																																																																						
REINFORCED SQUARE STRAINER			RECTANGULAR STRAINER			ANGLE STRAINER																																																																																	
MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -KV) Sediment Bucket -B Vandal Proof Screws -U  LIGHT DUTY <table><tr><td>B SQ</td><td>05 (125)</td><td>06 (150)</td><td>07 (180)</td><td>08 (205)</td></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>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>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> SUFFIX -K Specify Type, Size & Finish eg: K07CP			B SQ	05 (125)	06 (150)	07 (180)	08 (205)	H	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)	MIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)	MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)	MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Sediment Bucket -B Vandal Proof Screws -U  LIGHT DUTY <table><tr><td>SUFFIX</td><td>L</td><td>M</td><td>N</td><td>P</td><td>R</td><td>T</td></tr><tr><td>B x B'</td><td>4 1/2 (115)x8 (205)</td><td>4 (100)x12 (305)</td><td>5 (125)x9 (230)</td><td>5 (125)x13 (330)</td><td>6 (150)x10 (255)</td><td>5 (125)x17 (430)</td></tr><tr><td>H</td><td>2 1/4 (57)</td><td>2 1/2 (64)</td><td>2 1/4 (57)</td><td>3 (76)</td><td>2 1/4 (57)</td><td>3 (76)</td></tr><tr><td>MIN</td><td>1 3/8 (35)</td><td>1 7/8 (48)</td><td>1 3/8 (35)</td><td>2 1/8 (54)</td><td>1 3/8 (35)</td><td>2 1/4 (57)</td></tr><tr><td>MAX</td><td>2 3/8 (60)</td><td>2 3/4 (70)</td><td>2 3/8 (60)</td><td>3 (76)</td><td>2 3/8 (60)</td><td>3 1/8 (79)</td></tr></table> SUFFIX -L-M-N-P-R-T Specify Type, Size & Finish eg: LNB			SUFFIX	L	M	N	P	R	T	B x B'	4 1/2 (115)x8 (205)	4 (100)x12 (305)	5 (125)x9 (230)	5 (125)x13 (330)	6 (150)x10 (255)	5 (125)x17 (430)	H	2 1/4 (57)	2 1/2 (64)	2 1/4 (57)	3 (76)	2 1/4 (57)	3 (76)	MIN	1 3/8 (35)	1 7/8 (48)	1 3/8 (35)	2 1/8 (54)	1 3/8 (35)	2 1/4 (57)	MAX	2 3/8 (60)	2 3/4 (70)	2 3/8 (60)	3 (76)	2 3/8 (60)	3 1/8 (79)	MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Vandal Proof Screws -U Sediment Bucket -B  LIGHT DUTY <table><tr><td>SUFFIX</td><td>B</td><td>C</td><td>D</td><td colspan="2">X</td></tr><tr><td></td><td></td><td></td><td></td><td>MIN</td><td>MAX</td></tr><tr><td>-V</td><td>3 1/2 (89)</td><td>3 1/2 (89)</td><td>4 1/2 (115)</td><td>1 5/8 (41)</td><td>2 5/8 (67)</td></tr><tr><td>-W</td><td>6 3/4 (170)</td><td>6 3/4 (170)</td><td>6 1/2 (165)</td><td>1 5/8 (41)</td><td>2 5/8 (67)</td></tr></table> SUFFIX -V-W Specify Type, Size & Finish eg: VPB, WNB			SUFFIX	B	C	D	X						MIN	MAX	-V	3 1/2 (89)	3 1/2 (89)	4 1/2 (115)	1 5/8 (41)	2 5/8 (67)	-W	6 3/4 (170)	6 3/4 (170)	6 1/2 (165)	1 5/8 (41)	2 5/8 (67)
B SQ	05 (125)	06 (150)	07 (180)	08 (205)																																																																																			
H	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)																																																																																			
MIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)																																																																																			
MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)																																																																																			
SUFFIX	L	M	N	P	R	T																																																																																	
B x B'	4 1/2 (115)x8 (205)	4 (100)x12 (305)	5 (125)x9 (230)	5 (125)x13 (330)	6 (150)x10 (255)	5 (125)x17 (430)																																																																																	
H	2 1/4 (57)	2 1/2 (64)	2 1/4 (57)	3 (76)	2 1/4 (57)	3 (76)																																																																																	
MIN	1 3/8 (35)	1 7/8 (48)	1 3/8 (35)	2 1/8 (54)	1 3/8 (35)	2 1/4 (57)																																																																																	
MAX	2 3/8 (60)	2 3/4 (70)	2 3/8 (60)	3 (76)	2 3/8 (60)	3 1/8 (79)																																																																																	
SUFFIX	B	C	D	X																																																																																			
				MIN	MAX																																																																																		
-V	3 1/2 (89)	3 1/2 (89)	4 1/2 (115)	1 5/8 (41)	2 5/8 (67)																																																																																		
-W	6 3/4 (170)	6 3/4 (170)	6 1/2 (165)	1 5/8 (41)	2 5/8 (67)																																																																																		
EXTENSION ADAPTOR			OVERFLOW WITH STANDPIPE			HEAVY DUTY ADJUSTABLE																																																																																	
REGULARLY FURNISHED: Ducto Cast Iron -CI MATERIALS: Cast Bronze -CB Galvanized Cast Iron -G  NOTE: Extension can be stacked for increased maximum adjustment. SUFFIX -X			MATERIALS: Chrome Plated -CP Nickel Bronze -NB Polished Bronze -PB VARIATIONS: Less Dome -LD Standpipe Height other than 6" (150) (Specify Height)  LIGHT DUTY <table><tr><td>SUFFIX</td><td>A</td><td colspan="2">X</td></tr><tr><td></td><td>SIZE</td><td>MIN</td><td>MAX</td></tr><tr><td>-Y</td><td>2 (51)</td><td>3/4 (19)</td><td>2 1/8 (54)</td></tr><tr><td>-Z</td><td>3 (76)</td><td>3/4 (19)</td><td>2 1/8 (54)</td></tr></table> SUFFIX -Y-Z Specify Type, Size & Finish eg: YCP, ZCP			SUFFIX	A	X			SIZE	MIN	MAX	-Y	2 (51)	3/4 (19)	2 1/8 (54)	-Z	3 (76)	3/4 (19)	2 1/8 (54)	MATERIALS: Polished Bronze -PB Rough Bronze -RB Nickel Bronze -NB VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -69V) Sediment Bucket -B Vandal Proof Screws -U  MEDIUM DUTY SUFFIX -69 eg: A06NB-69																																																																	
SUFFIX	A	X																																																																																					
	SIZE	MIN	MAX																																																																																				
-Y	2 (51)	3/4 (19)	2 1/8 (54)																																																																																				
-Z	3 (76)	3/4 (19)	2 1/8 (54)																																																																																				
Fig. 3580 			Fig. 3581 			Fig. 3590 			Fig. 3591 																																																																														
M L K J	5-21-24 7-29-19 10-20-17 1-17-12	Removed Function, Rev. Var. Added Load Rating(s) Rev. Materials Suffix -H, -V-W Rev. Variations of Suffix -J				HS MW TBW TBW	KV JM CL AM	FIGURE NUMBER 2005/2010 SERIES OPTIONAL STRAINER HEADS 2 of 2																																																																															
REV.	DATE	DESCRIPTION				BY	CHKD. BY																																																																																

NOTE: Dimensions shown in parentheses are in millimeters.



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