S2010, 2015

VOID DATA

OF SUPERSEDED OR

USE

NO RESPONSIBILITY FOR

WE CAN ASSUME

AND CHANGE WITHOUT NOTICE

TOLERANCE

SUBJECT TO MANUFACTURERS

DRAWN BY: CR

NONE

SCAL

APPROVED BY **TD**

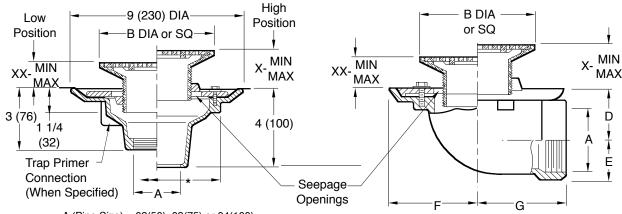
СНЕСКЕD ВҮ **ТD**

DRAWING NUMBER

FLOOR OR SHOWER DRAINS WITH ADJUSTABLE STRAINER HEADS

General service floor drain for use in showers, toilets, kitchens and other finished areas where foot traffic is expected.

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.



A (Pipe Size) = 02(50), 03(75) or 04(100)

CAULK OUTLET

Fig. 2010C (A) ROUND TOP Fig. 2010C (B) SQUARE TOP

THREADED OUTLET

Fig. 2015T. (A) ROUND TOP Fig. 2015T (B) SQUARE TOP

Strainer Size	In High		*Collar In Low Position		Free Area SQ IN (SQ CM)	
В	Х			XX		
DIA or SQ	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 (148)	16 (103)

	A SIZE	В	D	E	F	G	MIN-X	C-MAX	MIN-	XX-MAX
\dashv	02	05	3 1/4	1 1/2	4 3/4	5	1 1/4	2 1/4	3/4	1 5/8
:	(50)	(125)	(83)	(38)	(120)	(125)	(32)	(57)	(19)	(41
1	03	06	2 3/4	2 1/4	4 3/4	5	1 1/4	2 1/4	3/4	1 5/8
	(75)	(150)	(70)	(57)	(120)	(125)	(32)	(57)	(19)	(41 ⁾
4	04	08	3 1/4	3 1/4	6	4	1 1/2	2 1/2	-	-
\dashv	(100)	(200)	(83)	(83)	(150)	(100)	(38)	(64))
┪										

- •Add 3/8" (10) to all min./max. dimensions for round strainer.
- ••Not available for 05"(125) size strainer.
- *Collar is reversible to obtain extreme high and low strainer positions.

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)

REGULARLY FURNISHED:

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

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

SEE PM0457 FOR OPTIONAL STRAINER HEADS

VARIATIONS:

Ball Float Backwater Valve -BFV (Fig. 2015 only)

Flapper Type Backwater Valve -V (NOTE 2)

Hinged Grate -H (NOTE 1)

Sediment Bucket -B

Trap Primer Connection -P050 1/2" (13)

& -P075 3/4" (19)

Vandal Proof Screws -U

Wide Flanged Strainer (Specify Fig. DX 2010)

T Threaded Outlet

Quad Close Trap Seal

(Specify Fig. 2692) (Fig. 2010 Only)

OPTIONAL MATERIALS:

Bronze Body -BB (Fig. 2010 only)
Chrome Plated Strainer -CP
Galvanized Cast Iron Body -G
Nickel Bronze Strainer -NB
Polished Bronze Strainer -PB
All Stainless Steel [Specify Fig. 9700-A
(Fig. 2010 only)]
Stainless Steel Strainers -SS

Stainless Steel Strainers -SS
[Available in 05(125) & 06(150)

sizes only]

NOTE: Dimensions shown in parentheses are in millimeters.

V UT S	10-8-21 7-21-21 6-14-19 9-27-18	Added NOTE 1 & 2 Added Header Removed Function Revised Table	KK KK MW TBW	JM JM CL	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 2015
REV.	DATE	DESCRIPTION	BY	CKD. BY			2010, 2010

DRAWING NUMBER

5-17-85

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NOTICE

TOLERANCE AND CHANGE WITHOUT

DIMENSIONS ARE SUBJECT TO MANUFACTURERS

LIGHT DUTY





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)

OPTIONAL STRAINER HEADS

SUFFIX-A

ROUND STRAINER

VARIATIONS: MATERIALS: Chrome Plated -CP

*Hinged Grate (Specify Suffix -AH) (NOTE 1) Sediment Bucket -B Polished Bronze -PB Nickel Bronze -NB Vandal Proof Screws -U Stainless Steel Strainers -SS [Available

in 05(125) & 06(150) sizes only]

B DIA	05 (125)	06 (150)	07 (180)	08 (205)	09 (230)	10 (255)
Н	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)	2 1/2 (64)	2 3/4 (70)
MIN	1 1/4 (32) 2 1/4 (57)		1 1/4 (32)			
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)
		0 :/ 7	- 0:	٠ -:	4051	

Specify Type, Size & Finish eg: A05NB *Not available for 05" (125) size

FLAPPER TYPE BACKWATER VALVE



FUNCTION: Provides backwater protection at point where protection is needed.

MATERIALS: VARIATIONS Chrome Plated -CP *Hinged Grate (Specify

Polished Bronze -PB Suffix -AH) Vandal Proof Screws -U Nickel Bronze -NB

	B SQ	05 (125)	06 (150)	07 (180)	08 (205)
	Н	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)
١	^ MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)

SUFFIX-AV

Specify Type, Size & Finish eg: AV05NB *Not available for 05" (125) size

SQUARE STRAINER

MATERIALS: VARIATIONS

Flapper Type Backwater Valve Chrome Plated -CP (Specify Suffix -BV) 05 (125), Polished Bronze -PB 06 (150), 07 (180) or 08" (205) Nickel Bronze -NB sizes only (NOTE 2)

*Hinged Grate (Specify Suffix -BH) (NOTE 1) Sediment Bucket -B

Vandal Proof Screws -U 7) 3)))

					o =: : :		
ľ	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)
				1 1/4 (32)			
l	Н	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)	2 1/4 (57)	2 1/4 (57)
	B SQ	05 (125)	06 (150)	07 (180)	08 (205)	09 (230)	10 (255)

Specify Type, Size & Finish eq: B05NB *Not available for 05" (125) size

-6 (150)-3 1/8 (79)

MATERIALS:

Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB

STRAINER HEAD w/SQUARE HINGED COVER

Gasketed Water Tight Cover -GC Secured Cover -SC Secondary Strainer Grate-SG

VARIATIONS:

SUFFIX-BS

Specify Type, Size & Finish eg: BSNB

REINFORCED ROUND STRAINER

FUNCTION: Used in finished floors where light wheeled loads are anticipated.



SUFFIX -B

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

B DIA	05 (125)	06 (150)	08 (205)	10 (255)
Н	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

7 1/2 (190)

6 (150)

SUFFIX -F

Specify Type, Size & Finish eg: C06NB

REINFORCED TRACTOR STRAINER

FUNCTION: Used in finished floors where light weight wheeled loads are anticipated and loose set non-tilt tractor grate is desired.

SUFFIX -D-E

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

SUFF	IX	В	H	>	(
		DIA		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)
_	.,	_	0. 0		D07PP

Specify Type, Size & Finish eg: E09PB

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 ^{5/32 (4)} Nickel Bronze -NB

VARIATIONS:

Flapper Type Backwater Valve (Specify Suffix -FV) (NOTE 2) Holes in Flange -SH Sediment Bucket -B

Vandal Proof Screws -U

VARIATIONS: Flapper Type Backwater

Valve (Specify Suffix -F37V or F38V)

extended rim allows use as an anti-flood and anti-splash drip pan.

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

-F37	-F38	
07 (180)	09 (230)	
3 1/4 (83)	3 1/2 (89)	
2 5/8 (67)	2 3/4 (70)	
3 1/2 (89)	3 1/2 (89)	
	07 (180) 3 1/4 (83) 2 5/8 (67)	

MATERIALS:

Cast Iron -CI Chrome Plated -CP Galvanized Cast Iron -G Polished Bronze -PB Nickel Bronze -NB

Specify Type, Size & Finish eq: F06NB SUFFIX-F37-F38

Specify Type, Size & Finish eg: F37NB F38CP

M	10-8-21	Added NOTE 1 & 2	KK	JM
L	10-26-20	Rev. Finish (Tractor Stainer)	MW	CL
K	7-29-19	Added Load Rating(s)	MW	JM
REV.	DATE	DESCRIPTION	BY	CKD. BY

FIGURE NUMBER **2010 SERIES OPTIONAL** STRAINER HEADS 1 0f 2

NOTE: Dimensions shown in parentheses are in millimeters.



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NONE

CHANGE WITHOUT

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TOLERANCE

SUBJECT TO MANUFACTURERS





LOCATION

OPTIONAL STRAINER HEADS

LOW DOME STRAINER

FUNCTION: Used in gutters and recessed areas where excessive debris build-up is expected. Dome insures drainage even when partly covered

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

B DIA	05 (125)	06 (150)	08 (205)
Н	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)

SUFFIX-G

Specify Type, Size & Finish eg: G08PB

REINFORCED SQUARE <u>STRAINER</u>

FUNCTION: Used in finished floors where some light wheeled traffic is anticipated.

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

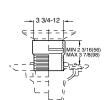
B SQ	05 (125)	06 (150)	07 (180)	08 (205)
H	2 (51)		2 1/4 (57)	
		1 1/4 (22)	1 1/4 (22)	1 1/2 (39)
XIVIIIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32) 2 1/4 (57)	1 1/2 (30)
/` MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)

SUFFIX-K

Specify Type, Size & Finish eg: K07CP

EXTENSION ADAPTOR

FUNCTION: Used when a strainer head must be raised to accommodate deeper floor fill.



REGIII ARI Y **FURNISHED:**

Duco Cast Iron -CI

MATERIALS:

Cast Bronze -CB Galvanized Cast Iron -G

NOTE: Extension can be stacked for increased maximum adjustment.

SOLID HINGED COVER

FUNCTION: Used in areas where intermittent drain use is required. Solid cover prevents intrusion of chips, saw-dust, etc., which are swept up before cover is opened for washdown The secondary strainer prevents debris from entering the waste line.



MATERIALS: Chrome Plated -CP Polished Bronze

-PB Nickel Bronze -NB

						Vandal Proóf
						Screws -U
ı	B DIA	05 (125)	06 (150)	07 (180)	08 (205)	
ı	Н	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)	
ı	√ MIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)	
Į	^MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)	

SUFFIX-H

Specify Type, Size & Finish eg: H05CP

VARIATIONS:

Flapper Type

Backwater

Suffix -GV)

Valve (Specify

RECTANGULAR STRAINER

FUNCTION: Used in finished floors where light wheeled loads and or heavy foot traffic are anticipated.

MATERIALS:

Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB



VARIATIONS:

Sediment Bucket -B Vandal Proof Screws -U

Į	JFFIX	L	М	N	P	R	T
Ē	3 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
	Н	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)

Specify Type, Size & Finish eg: LNB

OVERFLOW WITH STANDPIPE

FUNCTION: Used as overflow drain in decorative pools, fish ponds or similar areas. Dome prevents floating objects from entering drain line.



-2 (51)					
SUFFIX	Α	>	(
	SIZE	MIN	MAX		
-Y	2 (51)	3/4 (19)	2 1/8 (54)		
-Z	3 (76)	3/4 (19)	2 1/8 (54)		

TBW

TBŴ

CMD

ŤBW

MATERIALS:

Chrome Plated -CP Nickel Bronze -NB Polished Bronze -PB

VARIATIONS:

Less Dome -LD Standpipe Height other than 6" (150) (Specify Height)

SUFFIX-Y-Z

Specify Type, Size & Finish

eq: YCP, ZCP

SPANNER WRENCH COVER

FUNCTION: Solid gas tight, vandal proof, threaded cover for areas where intermittent drain use is required.

MATERIALS: Chrome Plated -CP

Polished Bronze -PB Nickel Bronze -NB

VARIATIONS:

Flapper Type Backwater Valve (Specify Suffix -JV) Sediment Bucket -B



\	(
MIN	MAX
2 (51)	3 (76)

SUFFIX-J

Specify Type, Size & Finish eg: J06NB

ANGLE STRAINER

FUNCTION: Shower room drain set at wall and floor junction. Vertical grate openings prevent drain stoppage should flat surface become covered.



MATERIALS:

Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB

VARIATIONS:

Vandal Proof Screws -U

ſ	SUFFIX	В	С	D		X
١					MIN	MAX
Ī	-V	3 1/2 (89)	3 1/2 (89)	4 1/2 (115)	1 5/8 (41)	2 5/8(67)
١	-W	6 3/4 (170)	6 3/4 (170)	6 1/2 (165)	1 5/8 (41)	2 5/8(67)

SUFFIX Sp			
	SŲ		Sp

pecify Type, Size & Finish eg: VPB, WNB

HEAVY DUTY ADJUSTABLE

FUNCTION: Used in finished floors where light wheeled loads and or heavy foot traffic are anticipated.



SUFFIX-69

MATERIALS: Polished Bronze -PB

Rough Bronze -RB Nickel Bronze -NB

VARIATIONS:

Flapper Type Back-water Valve(Specify Suffix -69V) Sediment Búcket -B Vandal Proof Screws -U

eg: A06NB-69



-17-12

8-24-99

6-11-99

1-22-99

SUFFIX-X

HGF

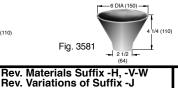




Fig. 3591	8 1/4 x 3 1/4 Oval (210) x (83) 4 1/2 (115)
5 x 2 1. (125) x (/2

FIGURE NUMBER **2010 SERIES OPTIONAL** STRAINER HEADS 2 of 2

NOTE: Dimensions shown in parentheses are in millimeters.

Revised

Revised Tables



DESCRIPTION

T Strainer was S Strainer

AM BS

BS

CKD BY