

ENGINEERING COMMUNIQUÉ

JAY R. SMITH MFG. CO.® ♦ FEBRUARY, 2014 ♦ VOLUME 4-ISSUE 1



From:
THE SMITH ENGINEERING GROUP

Subject: Bariatric Water Closet Supports,
-XX (750 lbs) & -XK (1,000 lbs).

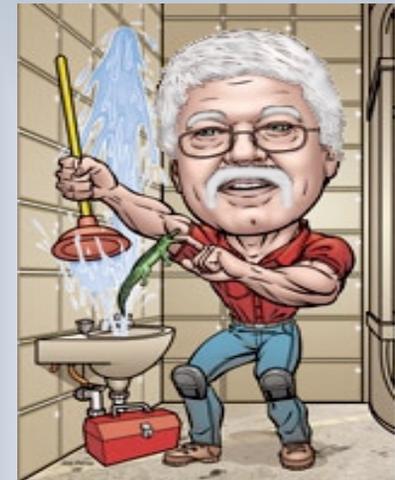
Please see attached Technical Bulletin TB-09-02 released on February 19, 2009.

The information provided in this bulletin is of importance but there are three significant items that need your attention.

In the second paragraph, the last two sentences state '**Due to the larger stud, the vertical support fitting's lug (Fig. 0230, 0240 & 0250) has to be machined to accept the larger stud. The horizontal support fitting does not require any machining, standard fittings work as well.**' Please make note of the machining for the vertical fitting.

In the third paragraph, it states '**cast iron nipples and couplings**' are to be used with the -XK (1000 lbs.) supports. This should be noted and has to be followed.

In the fourth paragraph, the most critical of the three statements is made; '**the complete support must be ordered from Smith. This will ensure a complete support is supplied and the installer does not experience any installation problems.**' Service centers should not order components/kits and attempt to assemble into complete units at your facility or on the project site. As stated, order the whole support assembly.



CROSS COMPARISON GUIDES:

Sales Engineering is actively updating cross reference comparisons and many of the fixture support selection guides.

Zurn, Mifab, Watts and Josam were released in February, 2014.

These can be viewed and downloaded by going to Smith's home page and placing your cursor over the RESOURCES tab at the top and a menu pops up, click on the SEARCH CROSS REFERENCES in the left hand column and click on the green highlighted tab titled DOWNLOAD CROSS REFERENCE FILES HERE.

All of the cross comparisons and fixture selection guides are listed.

Other updated comparisons and guides will be forthcoming.

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MEMBER OF:



ENGINEERED PLUMBING PRODUCTS

Technical Bulletin TB-09-02

To: All Representatives and Service Center Managers

From: Jay R. Smith Engineering

Date: February 19, 2009

Subject: Bariatric Water Closet Supports – 750 & 1,000 lb. Static Load Rated – Complete Support Must Be Ordered from Smith

It was announced in April 2008 via technical bulletin TB-08-03, we are now offering 750 & 1,000 lb. static load rated water closet supports. They are available only in the 0200-M54 & 0200-M58-M54 series supports with side mounted legs. The suffix -XX is used to designate the 750 lb. static load support, i.e. 0210LY-M54-XX, and suffix -XK is used to designate the 1,000 lb. static load support, i.e. 0210LY-M54-XK. We have some additional information you need to be aware of regarding these supports.

Both the -XX (750 lb.) and -XK (1,000 lb.) supports use a newly designed M51 anchor bar kit, -M51X.

The -M51X kit uses a larger threaded stud (1/2") for connecting the -M51X anchor bar to the fitting lug. Due to the larger stud, the vertical support fittings' lug (Fig. 0230, 0240 & 0250) has to be machined to accept the larger stud. The horizontal support fitting does not require any machining, standard fittings work as is.

The -XK (1,000 lb.) supports use an auxiliary support frame in addition to the newly designed M51 anchor bar kit. Also, as mentioned in the earlier technical bulletin TB-08-03, only cast iron nipples and couplings are to be used with the -XK (1,000 lb.) supports.

Therefore, anytime a -XX (750 lb.) vertical support, i.e. 0230Y-M54-XX, 0240Y-M54-XX, etc., and a -XK (1,000 lb.) both horizontal and vertical supports, i.e. 0210LY-M54-XK, 0230Y-M54-XK, etc., is required, the complete support must be ordered from Smith. This will ensure a complete support is supplied and the installer does not experience any installation problems.

Thank you for your cooperation concerning this matter and if you have any questions please do not hesitate to call the Sales Engineering Department.

Very truly yours,
Jay R. Smith Mfg. Co.

Chris Levins

Chris Levins
Senior Sales Engineer
Jay R. Smith Engineering

FLOOR DRAIN SUFFIXES (Cont'd)		FLOOR DRAIN SUFFIXES (Cont'd)		FLOOR DRAINS (Cont'd)		FLOOR DRAINS (Cont'd)	
ZURN	SMITH	ZURN	SMITH	ZURN	SMITH	ZURN	SMITH
-DF	-DG (DeflectorGrate)	()W	See 2922,2952 2982 Series	Z-456	2041-A	Z-625	9347
-DG	-M	-4	4" Dia. Funnel (See 3580)	Z-503	2143	Z-626	9350-97
-DP	High Polished Top	-6	6" Dia. Funnel (See 3581)	Z-504	2140	Z-627	9348
-DS	-M-SC	-9	9" Oval Funnel (See 3591 [8 1/4" x 3 1/4])	Z-505	2141	Z-629	7000
-DX	DX- (prefix)	ADJUSTABLE STRAINER VARIATIONS		Z-505-90	2145	Z-645	2440
-EF	3/16" Ext. Frame	ZURN	SMITH	Z-507	2108	Z-662	2295
-ES	Ext. Section for Trench Drain	B	A	Z-508	2120	Z-664	2810
-F	-E	BL	DX Flange for A Strainer	Z-508-90	2125-98	Z-665	2710
-FC	-C2E	C	AH	Z-509	2140	Z-667	2810-21
-FG	Loose Set Grate	D	H	Z-509-90	2145	Z-668	2570
-FY	Free Standing BKT	E	F-10	Z-511	2495	Z-670 (3" & 4")	2560
-G	-G	G	G	Z-512	2141	Z-670 (6")	2563
-GG	-GG (Galv. Grate Only)	H	2051-97	Z-512-90	2145	Z-673	2571
-GT	Top Grate (See 2630,2632)	I (7")	F-37	Z-513	2495-S	Z-624	9340
-H	-H	I (9")	F-38	Z-516	2140	Z-675	2488
-HD	Heavy Duty Grate	J - 4 1/2 x 8	L	Z-517	2490	Z-676	2488 Less Bucket
-HL	-H (Locking Grate)	J - 5 x 9	N	Z-520	2320	Z-679	2640
-HP	-HP	J - 5 1/2 x 13	P	Z-520-90	2325	Z-690	2655
-HT	-S-H	J - 5 x 17	T	Z-521	2340	Z-730	2510
-IG	Integral Grate (See 2502,2507)	J - 5 x 21	Q	Z-525	2310-98	Z-742	2530
-J	-N	J - 10 x 20	LEK	Z-525-90	2315	Z-753	7097
-J2	-N (2 Aux. Inlets)	K - 4 x 5	V	Z-526	2340	Z-761	No Equal
-J3	-N (3 Aux. Inlets)	K - 7 X 7	W	Z-526-90	2345	Z-780	2900
-K	-F	M	A-B-98	Z-529	2313-97	Z-780-1F	2901
-KC	-FC	N (7")	D	Z-531	DX2565-R	Z-780-2L	2902
-LD	Less Dome	N (9")	E	Z-532	DX2233	Z-780-3L	2903
-LG	Less Grate	O	F	Z-533	2614	Z-780-4L	2904
-LV	Less BWV	P (2" DIA)	Y	Z-534	2624	Z-782	9810 C.I., less body
-LY	-LB	P (3" DIA)	Z	Z-535	2295	Z-784	2910
-M	Side Outlet Adptr Via End Plate	S	B	Z-536	2624	Z-784-1F	2912
-NE	Spark Proof Non- Conductive Top	SC	BS	Z-537	2624-S	Z-784-2L	2914
-OF	3590 Funnel	SH	BH	Z-538	2240	Z-784-3L	2916
-P	-P050	SL	DX - B	Z-539	2243	Z-784-4L	2918
-PC	Flush Cover for Plug	T (6" DIA)	J	Z-539-FY	2242	Z-792	2940
-PD	Promenade Deck Grate	FLOOR DRAINS		Z-540	2230	Z-792-1F	2941
-PH	Packing House Grate	ZURN	SMITH	Z-540-90	2235	Z-792-2L	2942
-PS	-SP	Z-211-S	2005 w/2645	Z-541	2233	Z-792-3L	2943
-R	-R	Z-300	2505	Z-541-90	2238	Z-792-4L	2944
-S	-FBS	Z-300-FG	2506	Z-543	2250	Z-792-2W	2952
-SC	-SC	Z-300-IG	2507	Z-543-90	2255	Z-792-3W	2953
-SD	-LS	Z-310	2500	Z-545	2290	Z-792-4W	2954
-SG	Solid Gasketed Cover	Z-310-FG	2501	Z-548	2650-F	Z-793	2970
-SH	-SH	Z-310-IG	2502	Z-550	2110	Z-793-1F	2971
-SS	-SSM	Z-315	2010-H2-97	Z-550-90	2115	Z-793-2L	2972
-ST	Solid Top	Z-315-HL	2010-H3-97	Z-551	2270	Z-793-3L	2973
-SW	-SW	Z-319	2508	Z-551-90	2275	Z-793-4L	2974
-T	-S	Z-320	3365	Z-554-90	2225	Z-793-2W	2982
-TC	Neo-Loc Test Cap Gasket	Z-325	3812T w/7080	Z-556	2320	Z-793-3W	2983
-TG	Tractor Grate	Z-326	3812 Series	Z-556-90	2325	Z-793-4W	2984
-TS	Top Secured	Z-328 (4")	3580	Z-560	2280	Z-794	2970
-U	-X	Z-328 (6")	3581	Z-566	2633	Z-794-1F	2971
-V	-BWW	Z-329 (7")	3590	Z-566-GT	2632	Z-794-2L	2972
-VP	-U	Z-329 (9")	3591	Z-566-GT-Y	2630	Z-794-3L	2973
-W	-XP	Z-340	No Equal	Z-568	2638	Z-794-4L	2974
-WB	3380	Z-348	2675	Z-568-GT	2637	Z-794-2W	2982
-WS	Wide Slotted Grt	Z-349	2685	Z-568-GT-Y	2635	Z-794-3W	2983
-XJ	Exp. Joint (1710)	Z-350	2680	Z-568-Y	2636	Z-794-4W	2984
-Y	-B	Z-352	1620-SSM-98	Z-572	6205	TRAPS, PRIMERS, BACKWATER VALVES, AIR GAPS & ADAPTERS PREFIXES	
-YA	-B (Alum.)	Z-352-45	1650-SSM	Z-573	6225	ZURN	SMITH
-24	24" Dia. Flange	Z-352-90	1680-SSM	Z-574	6230	Z-	Duco C.I. Body
-45	45° Outlet	Z-355	2016	Z-575	6240-CI	ZAB	Brz. Body w/PB Top
-90	90° Outlet	Z-356	2017-97	Z-576	6242-CI	ZABN	Brz. Body w/NB Top
-()L	See 2910,2940, 2970 Series	Z-415	2005/2010-A	Z-576-WS	6242-CI	ZB-	Duco C.I. Body & PB Top
		ZS-415	2005/2010-SS	Z-576-K	2586	ZN-	Duco C.I. Body & Pol. NB Top
		Z-420	2005 w/Suffix -X	Z-585	2589		
		Z-450	2020-A	Z-586	2586 or 2810A		
		Z-453	2030-A	Z-587	6241-97 or 6245		
		Z-455	2040-A	Z-609	2120-S-98		
				Z-609-90	2125-S-98		
				Z-610	2233-S-98		
				Z-610-90	2238-S-98		
				Z-611	2405-97		
				Z-611-90	2115-S-B-98		
				Z-624	9340		

**TRAPS, PRIMERS, BACKWATER VALVES,
AIR GAPS & ADAPTERS SUFFIXES**

ZURN	SMITH
-AR	-ARC
-BC	Bolted Cover(7012)
-BP	Brz. Threaded Plug Cover
-BV	Brz. BWV
-C	-C
-CP	-CP
-DS	-DBS
-DU2	2 Outlet Distribution Unit
-DU3	3 Outlet Distribution Unit
-DU4	4 Outlet Distribution Unit
-F6	6" High x 6" Dia. Funnel
-FC	Adj. Floor Cleanout
-FL	-FC
-G	-G
-LC	Less CO & Plug
-P	-P050
-V	-V
-WH	Wheel Handle
-WL	One Piece waste Elbow
-3	-P075
-7	7" Long Adaptor (See 2646) (Specify Length)
-12	12" Ext. for 7150
-24	24" Ext. for 7150

TRAPS

ZURN	SMITH
Z-1000	7220
Z-1005	7225
Z-1012	7230
Z-1019	3822

PRIMERS

ZURN	SMITH
Z-1021	2698
Z-1022	2699
Z-1022-DU2	2689
Z-1022-DU3	2689
Z-1022-DU4	2689
Z-1023	2695

AIR GAPS

ZURN	SMITH
Z-1024	3950
Z-1025	3955

ADAPTERS

ZURN	SMITH
Z-1030	2645
Z-1032	2643
Z-1033	2652
Z-1034	3651
Z-1040	2646Y
Z-1042	2648Y
Z-1043	2648T

BACKWATER VALVES

ZURN	SMITH
Z-1088	7150 Series
Z-1090	7012
Z-1091	7070
Z-1095	7022
Z-1099	7080

INTERCEPTOR PREFIXES

ZURN	SMITH
Z-	Duco Coated Fab. Steel

INTERCEPTOR PREFIXES (Cont'd)

ZURN	SMITH
ZA-	-ARC
ZAB-	-PB
ZS-	Stainless Steel (304)

INTERCEPTOR SUFFIXES

ZURN	SMITH
-AL	-AC
-BB	Timer Battery Backup
-CS	Custom screens
-CP	-CP
-DG	-M
-DI	Double Hi/Lo Inlet (Specify)
-E	-E
-HD	-HD
-K	-F
-KC	-FC
-L	8096/8099-97
-LS	Less Solids Int.
-NH	Y NO-HUB
-P	Pump Only
-PW	Plug Wrench
-R	8300 Series
-RE	-W 8300 Series
-RK	Retrofit Kit
-RP	Rigid Pipe Draw- Off (8000GT)
-RS	S.S. Screen Replacement Ass'ly
-SI	Solids Int. Only
-SS	S.S. Mesh Screens
-T	-TC or -QC
-VP	-U
-XB	Extra Basket
-XF	Extra Fitter Bags
-Y	Replacement Liftout Sediment Bkt
-YR	Replacement Bkt
-1	One Gallon Bacteria
-5	Five Gallon Bacteria

INTERCEPTORS

ZURN	SMITH
Z-1165	Contact Sales Eng.
Z-1170-100	8004
Z-1170-200	8007
Z-1170-300	8010
Z-1170-400	8015
Z-1170-500	8020
Z-1170-600	8025
Z-1170-700	8035
Z-1170-800	8050
Z-1170-100-R	8304
Z-1170-200-R	8307
Z-1170-300-R	8310
Z-1170-400-R	8315
Z-1170-500-R	8320
Z-1170-600-R	8325
Z-1170-700-R	8335
Z-1170-800-R	8350
ZS-1170-100	8004-SS-98
ZS-1170-200	8007-SS-98
ZS-1170-300	8010-SS-98
ZS-1170-400	8015-SS-98
ZS-1170-500	8020-SS
ZS-1170-600	8025-SS
ZS-1170-700	8035-SS
ZS-1170-800	8050-SS
Z-1171-500	8120
Z-1171-700	8135
Z-1171-800	8150
Z-1171-500-RP	8120GT

INTERCEPTORS (Cont'd)

ZURN	SMITH
Z-1171-700-RP	8135GT
Z-1171-800-RP	8150GT
Z-1171-500-TD	8120GTX
Z-1171-700-TD	8135GTX
Z-1171-800-TD	8135GTX
Z-1172-900	8450
Z-1172-1000	8460
Z-1172-1100	8465
Z-1172-1200	8465
Z-1172-1300	8470
Z-1172-1400	8475
Z-1172-1500	8480
Z-1172-1600	8480
Z-1172-1700	8490
Z-1172-1800	8490
Z-1172-1900	8490
Z-1173-200	8007GT
Z-1173-300	8010GT
Z-1173-400	8015GT
Z-1173-500	8020GT
Z-1173-600	8025GT
Z-1173-700	8035GT
Z-1173-800	8050GT
Z-1173-900	8075GT
Z-1173-200-R	8307GT
Z-1173-300-R	8310GT
Z-1173-400-R	8315GT
Z-1173-500-R	8320GT
Z-1173-600-R	8325GT
Z-1173-700-R	8335GT
Z-1173-800-R	8350GT
Z-1173-900-R	8375GT
Z-1173-200-RP	8007GT
Z-1173-300-RP	8010GT
Z-1173-400-RP	8015GT
Z-1173-500-RP	8020GT
Z-1173-600-RP	8025GT
Z-1173-700-RP	8035GT
Z-1173-800-RP	8050GT
Z-1173-900-RP	8075GT
Z-1173-200-TD	8007GTX
Z-1173-300-TD	8010GTX
Z-1173-400-TD	8015GTX
Z-1173-500-TD	8020GTX
Z-1173-600-TD	8025GTX
Z-1173-700-TD	8035GTX
Z-1173-800-TD	8050GTX
Z-1173-900-TD	8075GTX
Z-1173-200-TD-R	8307GT
Z-1173-300-TD-R	8310GT
Z-1173-400-TD-R	8315GT
Z-1173-500-TD-R	8320GT
Z-1173-600-TD-R	8325GT
Z-1173-700-TD-R	8335GT
Z-1173-800-TD-R	8350GT
Z-1173-900-TD-R	8375GT
Z-1174	8970
ZS-1174	8970
Z-1175	8750
Z-1176	8760
Z-1180	8710-ABS
ZA-1180	8710
Z-1181	8715
Z-1182	8738
Z-1183-100	8870
Z-1183-200	8871
Z-1183-300	8872
Z-1183-400	8873
Z-1183-500	8874
Z-1183-600	8875
Z-1183-700	8876
Z-1183-800	8877
Z-1183-900	8878
Z-1183-DF	Contact Sales Eng.

INTERCEPTORS (Cont'd)

ZURN	SMITH
Z-1184	8730-ABS
ZA-1184	8730-ARIO
Z-1185-3	8910-50
Z-1185-7	8910-100
Z-1185-10	8910-100
Z-1185-20	8910-200
Z-1185-30	8910-350
Z-1185-40	8910-500
Z-1185-50	8910-500
Z-1186-300	8510
Z-1186-400	8515
Z-1186-500	8520
Z-1186-600	8525
Z-1186-700	8535
Z-1186-800	8550
Z-1186-300-ST	8599-10-50
Z-1186-400-ST	8599-15-50
Z-1186-500-ST	8599-20-50
Z-1186-600-ST	8599-25-100
Z-1186-700-ST	8599-35-100
Z-1186-800-ST	8599-50-100
Z-1187-300	8817-300
Z-1187-400	8817-400
Z-1187-500	8817-500
Z-1187-600	8817-600
Z-1187-700	8817-700
Z-1187-800	8817-800
Z-1187-1000	8817-1000
Z-1187-20-SI	8811-20
Z-1187-50-SI	8811-50
Z-1187-150-SI	8811-150
Z-1187-250-SI	8811-250
Z-1187-500-SI	8811-500
Z-1188-75	8560-ARIO
Z-1188-100	8565-ARIO
Z-1188-125	8570-ARIO
Z-1188-150	8570-ARIO
Z-1188-200	8575-ARIO
Z-1188-250	8580-ARIO
Z-1188-300	8585-ARIO
Z-1188-350	8585-ARIO
Z-1188-400	8590-ARIO
Z-1188-450	8590-ARIO
Z-1188-500	8590-ARIO
Z-1188-75-ST	8599-75-100
Z-1188-100-ST	8599-100-250
Z-1188-125-ST	8599-150-250
Z-1188-150-ST	8599-150-250
Z-1188-200-ST	8599-200-250
Z-1188-250-ST	8599-250-500
Z-1188-300-ST	8599-300-500
Z-1188-350-ST	8599-350-500
Z-1188-400-ST	8599-400-500
Z-1188-450-ST	8599-450-500
Z-1188-500-ST	8599-500-750
Z-1189-12	8925-12
Z-1189-60	8925-60
Z-1189-100	8925-100
Z-1189-200	8925-200
Z-1192	8165
Z-1196	8500-ELEC
Z-1198	8590-ELEC

CARRIER SYSTEM PREFIXES

ZURN	SMITH
Z-	-M58
Z-	See Specific Fig. No.
ZQ-	Type 5 Nipple (NPT)

CARRIER SYSTEM SUFFIXES

ZURN	SMITH
-A	0600 Series
-AL	-M30 Trim
-AV	2" NH Vent Conn.
-B	0300 Series (Blowout)

SANITARY FLOOR SINK SUFFIXES (Cont'd)		SANITARY FLOOR SINKS (Cont'd)	
ZURN	SMITH	ZURN	SMITH
-17	-43	ZN-1950	3065
-18	-44	ZN-1950-23	3066
-19	-19	ZN-1950-K	3060
-23	-B	ZN-1950-K-23	3061
-25	-B (ARC)	Z-1960	3418
-31	-BS	Z-1960-23	3419
-33	-DBSE (ARC)	Z-1960-K	3413
-34	-DBS (NB)	Z-1960-K-23	3414
		ZN-1960	3045
		ZN-1960-23	3046
		ZN-1960-K	3040
		ZN-1960-K-23	3041
		Z-1970	3408
		Z-1970-25	3409
		Z-1970-K	3403
		Z-1970-K-25	3404
		ZN-1970	3025
		ZN-1970-25	3026
		ZN-1970-K	3020
		ZN-1970-K-25	3021
		Z-1982	3371
		Z-1995	3482
		Z-1995-25	3483
		ZN-1995	3250
		ZN-1995-25	3251
SANITARY FLOOR SINKS			
ZURN	SMITH		
Z-1900	3425		
Z-1900-23	3426		
Z-1900-K	3420		
Z-1900-K-23	3421		
ZN-1900	3145		
ZN-1900-23	3146		
ZN-1900-K	3140		
ZN-1900-K-23	3141		
Z-1901	3435		
Z-1901-23	3436		
Z-1901-K	3430		
Z-1901-K-23	3431		
ZN-1901	3155		
ZN-1901-23	3156		
ZN-1901-K	3150		
ZN-1901-K-23	3151		
Z-1902	3445		
Z-1902-23	3446		
Z-1902-K	3440		
Z-1902-K-23	3441		
ZN-1902	3165		
ZN-1902-23	3166		
ZN-1902-K	3160		
ZN-1902-K-23	3161		
Z1903	3039-DID		
Z-1910	3415		
Z-1910-23	3416		
Z-1910-K	3410		
Z-1910-K-23	3411		
ZN-1910	3105		
ZN-1910-23	3106		
ZN-1910-K	3100		
ZN-1910-K-23	3101		
Z-1920	2637-DBS-ARC		
Z-1920-23	2637-B-DBS-ARC		
Z-1920-K	2637-F-DBS-ARC		
Z-1920-K-23	2637-B-F-DBS-ARC		
ZN-1920	3245		
ZN-1920-23	3246		
ZN-1920-K	3240		
ZN-1920-K-23	3241		
Z-1926	3450		
Z-1926-23	3451		
ZN-1926	3200		
ZN-1926-23	3201		
Z-1930	3465		
Z-1930-23	3466		
Z-1930-K	3460		
Z-1930-K-23	3461		
ZN-1930	3305		
ZN-1930-23	3306		
ZN-1930-K	3300		
ZN-1930-K-23	3301		
Z-1940	3475		
Z-1940-23	3476		
Z-1940-K	3470		
Z-1940-K-23	3471		
ZN-1940	3325		
ZN-1940-23	3326		
ZN-1940-K	3320		
ZN-1940-K-23	3321		
Z-1950	3405		
Z-1950-23	3406		
Z-1950-K	3400		
Z-1950-K-23	3401		



SMITH TO MIFAB COMPARISON GUIDE



BASED ON MIFAB PRICE GUIDE (January 2012)

ISSUED FEBRUARY 2014

CLOSET CARRIER VARIATIONS		Closet Carriers (Cont'd)		Closet Carriers (Cont'd)	
SMITH	MIFAB	SMITH	MIFAB	SMITH	MIFAB
G	-17	0211DY-M58/54-XK	MC-10D-HDX	0250Y-M58/54-XK	MC-13-2-HDX
-M12	-20	0211DY-M58/54-XX	MC-10D-HD-750	0250Y-M58/54-XX	MC-13-2-HD-750
-M13	-1	0219	MC-10-27-37	0250DY-M54-XK	MC-13D-2-HDX
-M17	-31	0219DY	MC-10D-27-37	0250DY-M54-XX	MC-13D-2-HD-750
-M40	-10	0219LY	MC-10L-27-37	0250DY-M58/54-XK	MC-13D-2-HDX
-M50	-Std.	0219RY	MC-10R-27-37	0250DY-M58/54-XX	MC-13D-2-HD-750
-M51	-Std.	0220	MC-10-27-37	0260	MC-12-HS
-M54	-Std.	0220D	MC-10D-27-37-HS	0260D	MC-12D-HS
-M73	"X"	0220L	MC-10L-27-37-HS	0270	MC-13-HS
-M74	"X"	0220R	MC-10R-27-37-HS	0270D	MC-13D-HS
-N1	"X"	0220DY	MC-10D-27-37	0270L	MC-13L-HS
-N2	-27	0220LY	MC-10L-27-37	0270R	MC-13R-HS
-N15	-27	0220RY	MC-10R-27-37	0280	MC-13-HS
-U	-14	0220LY-M54-XK	MC-10L-27-37-HDX	0280D	MC-13D-HS
-2	"X"	0220LY-M54-XX	MC-10L-27-37-HD-750	0280L	MC-13L-HS
-95	-13	0220LY-M58/54-XK	MC-10L-27-37-HDX	0280R	MC-13R-HS
-99	-19	0220LY-M58/54-XX	MC-10L-27-37-HD-750	0310	MC-10
CLOSET CARRIERS		0220RY-M54-XK	MC-10R-27-37-HDX	0310D	MC-10D-HS
SMITH	MIFAB	0220RY-M54-XX	MC-10R-27-37-HD-750	0310L	MC-10L-HS
0115	MC-10-EXT	0220RY-M58/54-XK	MC-10R-27-37-HDX	0310R	MC-10R-HS
0115D	MC-10D-EXT-HS	0220RY-M58/54-XX	MC-10R-27-37-HD-750	0311DY	MC-10D
0115L	MC-10L-EXT-HS	0220DY-M54-XK	MC-10D-27-37-HDX	0311LY	MC-10L
0115R	MC-10R-EXT-HS	0220DY-M54-XX	MC-10D-27-37-HD-750	0311RY	MC-10R
0115DY	MC-10D-EXT	0220DY-M58/54-XK	MC-10D-27-37-HDX	0315	MC-10-EXT
0115LY	MC-10L-EXT	0220DY-M58/54-XX	MC-10D-27-37-HD-750	0315D	MC-10D-EXT-HS
0115RY	MC-10R-EXT	0230	MC-12-HS	0315L	MC-10L-EXT-HS
0175	MC-13	0230D	MC-12D-HS	0315R	MC-10R-EXT-HS
0175D	MC-13D-HS	0230Y	MC-12	0315DY	MC-10D-EXT
0175	MC-13L-HS	0230DY	MC-12D	0315LY	MC-10L-EXT
0175R	MC-13R-HS	0230Y-M54-XK	MC-12-HDX	0315RY	MC-10R-EXT
0175DY	MC-13D	0230Y-M54-XX	MC-12-HD-750	0320	MC-10-27-37
0175LY	MC-13L	0230Y-M58/54-XK	MC-12-HDX	0320D	MC-10D-27-37-HS
0175RY	MC-13R	0230Y-M58/54-XX	MC-12-HD-750	0320L	MC-10L-27-37-HS
0185	MC-13-2-HS	0230DY-M54-XK	MC-12D-HDX	0320R	MC-10R-27-37-HS
0185D	MC-13D-2-HS	0230DY-M54-XX	MC-12D-HD-750	0320DY	MC-10D-27-7
0185	MC-13-2	0230DY-M58/54-XK	MC-12D-HDX	0320LY	MC-10L-27-37
0185D	MC-13D-2	0230DY-M58/54-XX	MC-12D-HD-750	0320RY	MC-10R-27-37
0208	MC-10	0240	MC-13	0330	MC-12-HS
0208DY	MC-10D	0240D	MC-13D-HS	0330D	MC-12D-HS
0208LY	MC-10L	0240L	MC-13L-HS	0330Y	MC-12
0208RY	MC-10R	0240R	MC-13R-HS	0330DY	MC-12D
0209	MC-10-27	0240DY	MC-13D	0340	MC-13
0209D	MC-10D-27	0240LY	MC-13L	0340D	MC-13D-HS
0209LY	MC-10L-27	0240RY	MC-13R	0340L	MC-13L-HS
0209RY	MC-10R-27	0240LY-M54-XK	MC-13L-HDX	0340R	MC-13R-HS
0210	MC-10	0240LY-M54-XX	MC-13L-HD-750	0340DY	MC-13D
0210D	MC-10D-HS	0240LY-M58/54-XK	MC-13L-HDX	0340LY	MC-13L
0210L	MC-10L-HS	0240LY-M58/54-XX	MC-13L-HD-750	0340RY	MC-13R
0210R	MC-10R-HS	0240RY-M54-XK	MC-13R-HDX	0350	MC-13-2-HS
0211DY	MC-10D	0240RY-M54-XX	MC-13R-HD-750	0350D	MC-13D-2-HS
0211LY	MC-10L	0240RY-M58/54-XK	MC-13R-HDX	0350Y	MC-13-2
0211RY	MC-10R	0240RY-M58/54-XX	MC-13R-HD-750	0350DY	MC-13D-2
0211LY-M54-XK	MC-10L-HDX	0240DY-M54-XK	MC-13D-HDX	0360	MC-12-HS
0211LY-M54-XX	MC-10L-HD-750	0240DY-M54-XX	MC-13D-HD-750	0360D	MC-12D-HS
0211LY-M58/54-XK	MC-10L-HDX	0240DY-M58/54-XK	MC-13D-HDX	0370	MC-13-HS
0211LY-M58/54-XX	MC-10L-HD-750	0240DY-M58/54-XX	MC-13D-HD-750	0370D	MC-13D-HS
0211RY-M54-XK	MC-10R-HDX	0250	MC-13-2-HS	0370L	MC-13L-HS
0211RY-M54-XX	MC-10R-HD-750	0250D	MC-13D-2-HS	0370R	MC-13R-HS
0211RY-M58/54-XK	MC-10R-HDX	0250Y	MC-13-2	0375	MC-13
0211RY-M58/54-XX	MC-10R-HD-750	0250DY	MC-13D-2	0375D	MC-13D-HS
0211DY-M54-XK	MC-10D-HDX	0250Y-M54-XK	MC-13-2-HDX	0375L	MC-13L-HS
0211DY-M54-XX	MC-10D-HD-750	0250Y-M54-XX	MC-13-2-HD-750	0375R	MC-13R-HS

Adjustable Strainer Variations (Cont'd)	
SMITH	MIFAB
-AV-06	-6-1-8
-AV-07	-7-1-8
-AV-08	-8-1-8
-B-05	-S5-1
-B-06	-S6-1
-B-07	-S8-1
-B-08	-S8-1
-B-09	-S10-1
-B-10	-S10-1
-BS	-SD6-3
-C-05	-X5-1
-C-06	-X6-1
-C-08	-X8-1
-C-10	-X10-3
-D	-N7
-DXA	-Z5-1
-DXB	-ZS-1
-E	-N9
-F	-FT6-1
-F10	-EF
-F11	-EF
-F12	-S-F4
-F13	-RS48-F4
-F14	-RS412-F4
-F15	-RS412-F4

FLOOR DRAINS

SMITH	MIFAB
2005	A1-C body
2005-A	F1100-C
DX2005-A	F1100-C-Z
DX2005-B	F1100-C-ZS
2005-AV	F1100-C-8
2005-B	F1100-C-S
2005-BS	F1100-C-SD6
2005-C	F1100-C-X
2010	A1-X-C body
2010-A	F1100X-C
DX2010-A	F1100X-C-Z
DX2010-B	F1100X-C-ZS
2010-AV	F1100X-C-8
2010-B	F1100X-C-S
2010-BS	F1100X-C-SD6
2010-C	F1100X-C-X
2016	F1160
2017	F1170
2020	F1120-C
2021	F1120-C
2030	F1120-C
2031	F1120-C
2040	F1130C
2041	F1130C
2110	F1320-C-Y-14
2115	F1320-C-90-Y-14
212	F1320-C-Y
2125	F1320-C-90-Y
2130	F1340-Y-Q-14
2131	F1340-Y-14
2135	F1340-Y-Q-14-90
2140	F1340-Y-Q
2141	F1340-Y
2142	F1340-Y-5
2143	F1360-C-Y
2145	F1340-Y-90
2147	F1340-Y-14-5-90
2210	F1320-TFB-4
2215	F1320-TFB-90-4
2220	F1320-C-TFB-4
2225	F1320-C-TFB-90-4
2230	F1340-TFB-4
2231	F1340-TFB-4
2233	F1340-Y-14-5
2235	F1340-Y-5-90

Floor Drains (Cont'd)	
SMITH	MIFAB
2238	F1340-Y-5-90
2240	F1350-Y-5
2245	F1350-5-90
2247	F1350-Y-5-90
2248	F1350-Y-5-90
2250	F1370-C-Y-5
2255	F1360-C-Y-5-90
2270	F1320-Y-14
2275	F1320-Y-14-90
2280	F1100-HG8-3
2285	F1100-HG8-90-3
2310	F1320-C-14
Dx2312	F1320-C-14-Z
DX2312B	F1320-C-14-5-Z
2315	F1320-C-14-90
2320	F1320-C
2325	F1320-C-90
2330	F1340-C-14
2331	F1340-C-Q-14
2335	F1340-14-90
2340	F1340
2341	F1340-Q
2345	F1340-90
2350	F1320-C-TFB-14
2355	F1320-C-TFB-14-90
2360	F1340-C-TFB-14
2365	F1340-C-TFB-14-90
2370	F1420-Y-5
2377	F1440
2385	F1420-Y-6
2095	F1170-C
2402	F1420-Y
2410	F1450-Y-5-14-26-33
2412	F1420-Y-5-14
2414	F1440-5-14-6
2415	F1450-Y-5-14-6
2420	F1450-5-26-33-90
2425	F1450-5-26-90
2450	F1460-5
2452	F1460-5
2455	F1560
2470	F1480-4
2473	F1480-FL-4
2475	F1560-4
2478	F1440-Y-5-14-90
2484	MI-OS
2488	F1460-4-5
2490	F1330C-33
2495	F1330C
2500	F1650
2501	F1650-A
2502	F1650
2505	F1650-G
2506	F1650-G-A
2507	F1650-G
2508	F1660
2510	F1140C
2515	F1140C
2530	F1140C
DX2565	F1320-Y-Z-5-14
DX2566	F1340-Y-Z-5-14
DX2568	F1100-ZX6-1
2585	F1760-FL
2586	F1760-FL
2589	F1440-C-Y-5-Q
2614	F1530
2624	F1550
2630	F1860-16-4-5
2631	F1860-5
2632	F1860-16-4
2633	F1860
2640	F1640-C
2641	MI-860

Floor Drains (Cont'd)	
SMITH	MIFAB
2645	MI-830
2646	MI-850
2648	MI-860
2650	F1370-18
2652	MI-800
2670	R1400-HM-83
2671	R1400-HM-83
2673	R1410-HM-83
2674	R1420-HM-83
2675	F1820
2680	F1830-P
2685	F1830-PL
2690	F1350-Y-36

TRAP SEAL PRIMERS AND AIR GAPS

SMITH	MIFAB
2695	MI-600-50
2696	"X"
2697	"X"
2698	MI-750
2699	MI-TSP-2
2699-1	MI-TSP-1
3950	MI-CAG-T
3951	MI-CAG-T
3955	MI-CAG-NH

TRENCH DRAIN VARIATIONS

SMITH	MIFAB	
-ARIO	ARC inside and out	-11
C	Inside caulk outlet	X
-C	Flashing clamp	-C
-DBSCI	CI dome bottom strainer	-20
-DH	Deep no hub outlet	"X"
-F	Anchor flange	-FL
-FC		-FLC
-G	All galvanized	-13
-HP	Heel proof	-Std.
-M	Ductile iron grate	-Std.
-NB	Stainless steel veneer	-3
-PB	Stainless steel veneer	-3
-SG	Slotted cast iron grate	-Std.
-T	Threaded outlet	T
-U	Vandal proof	-6
-V	Backwater valve	-8
Y	No hub outlet	-Std.

TRENCH DRAINS

SMITH	MIFAB
2710	T1350-FL-4
2710-DH	T1350-FL-4
2810	T1320-FL-4
2900	T1000-3
2910	T1150-4
2940	T1200-4
2970	T1200-4
2980	T1200-F-4

SANITARY FLOOR & IWR DRAIN VARIATIONS

SMITH	MIFAB	
-B/M	SS mesh lined bucket	"X"
C	Inside caulk outlet	X
-C	Membrane clamp	C
-CI	Lacquered cast iron	-50
-DBS	SS dome bottom strainer	"X"
-FBS	Secondary strainer	-21
-G	All galvanized	-13
-L	Push on outlet	P
-LG	Less grate	-21
-LSH	Less seepage holes	"X"
-P	TSP connection	-7
T	Threaded outlet	T

Sanitary Floor & IWR Drain Variations (Cont'd)			Sanitary Floor & IWR Drains (Cont'd)			Cleanouts & Access Covers (Cont'd)		
SMITH		MIFAB	SMITH		MIFAB	SMITH		MIFAB
-U	Vandal proof	-6	3461		FS1530-FL-5	4023S		C1100-R
Y	No hub outlet	-Std.	3470		FS1750-FL-11-21	4024S		C1100-R
-10	Less NB rim and grate	"X"	3471		FS1750-FL-5-11-21	4025		C1100-R
-11	Less grate with NB/SS rim	-22	3482		FS1790-FL	4025C		C1100X-R
-12	Half grate	-150	3483		FS1790-FL-5	4026C		C1100X-R
-13	Three quarter grate	-175	3510		F1100-C-EF	4028C		C1100X-R
-14	Grate w/2-1/2" center hole	"X"	3510-F11		F1100-C-EF	4029C		C1100X-R
-21	Grate w/4" funnel	-F4	3515		F1100-C-EF-90	4031		C1100P-R
-22	Grate w/6" funnel	-F6	3515-F11		F1100-C-EF-90	4031-F		C1100P-R
-25	Grate w/4" x 9" funnel	-G	3520		F1120-C-EF	4031-FC		C1100P-C-R
-26	Grate w/6" x 3" x 1" funnel	-J	3520-F11		F1120-C-EF	4031L		C1100P-R
-316	316 Stainless Steel	-29	3521		F1120-C-EF-NH	4032L		C1100P-R
			3521-F11		F1120-C-EF-NH	4033		C1100P-R
			3530		F1120-C-EF	4033L		C1100P-R
			3530-F11		F1120-C-EF	4034L		C1100P-R
			3531		F1120-C-EF-NH	4040		C1100-S
			3531-F11		F1120-C-EF-NH	4100		C1100-XR
			3540		F1130C-EF	4120		C1100-R
			3540-F11		F1130C-EF	4140		C1100-T
			3541		F1130C-EF	4160		C1100-TS
			3541-F11		F1130C-EF	4180		C1100-UR
			3580		-F4	4200		C1100-US
			3581		-F6	4220		C1100-XR
			3590		-J	4236		C1100-XR
			3591		-G	4250		C1300-MFw/ C1230
			3610		F1320-C-F4	4280		C1230
			3615		F1340-C-F4	4313		C1100-C-R
			3620		F1320-C-90-F4	4318		C1100-C-XR
			3625		F1340-C-90-F4	4333		C1100-C-R
			3650		F1320-C-G	4338		C1100-C-XR
			3655		F1340-C-G	DX4343		C1100-R-Z
			3660		F1320-C-90-G	4400		C1450
			3665		F1340-C-90-G	4401		C1450-RD
			3710		F1320-C-Y-14-F4	4402		C1450-RD
			3811		F1790-11	4420		C1450
			3812		F1790	4421		C1450-RD
			3813		F1790-1	4422		C1450-RD
			3814		F1790-49	4430		C1450-S
			3960		R1100-RS	4431		C1450-S
			3970		R1220-RS	4432		C1450-R
			3980		R1200-RS	4433		C1450-R
						4434		C1430-S
						4435		C1450-S
						4436		C1450-R
						4437		C1450-R
						4438		C1450-R
						4439		C1450-S
						4440		C1430-S
						4441		C1430-S
						4450		C1450
						4452		C1450-RD
						4470		C1430
						4471		C1430-RD
						4472		C1430-RD
						4510		C1460
						4511		C1460-RD
						4512		C1460
						4530		C1460-RD
						4531		C1460
						4532		C1460-RD
						4550		C1400-S
						4551		C1460-RD
						4553		C1400-S
						4555		C1460-S
						4556		C1460-S
						4558		C1460-S
						4710		C1400-RD
						4715		C1400-RD
						4720		C1400-RD
						4725		C1400-R
						4730		C1400-S
						4735		C1400-S
						4810		C1300-R
SANITARY FLOOR & IWR DRAINS			CLEANOUT & ACCESS COVER VARIATIONS			CLEANOUTS & ACCESS COVERS		
SMITH		MIFAB	SMITH		MIFAB	SMITH		MIFAB
3000		FS1920-FL	C	Inside caulk outlet	X	4000		C1100-R
3009		FS1920-FL-5	-DX	Extend. wide flange	-Z	4020		C1100-R
DX3001		FS1920-FL	-F	Anchor flange	-Std.	4020-F		C1100-R
3020		F1100-C-N9-1-11	-F-C	Anchor flange	-C	4020-FC		C1100-C-R
DX3027		FS1750-5-1-Z	-G	All galvanized	-13	4020S		C1100-R
3030		FS1760-1	-IP	Iron plug	-34B	4021S		C1100-R
3030-F		FS1760-FL-1	L	Push on outlet	P	4022		C1100-R
3031		FS1760-5-1	-LSS	6" long center screw	-87			
3031		FS1760-FL-5-1	-M	Ductile iron	-4			
3040		FS1750-1	-RT	Recessed for tile	-T			
3040-F		FS1750-FL-1	-SEC	Secured cover	-6			
3041		FS1750-5-1	-SNB	Sq.top, Nickel bronze	-1			
3041-F		FS1750-FL-5-1	-SPB	Sq. top, Polished bronze	-1			
3060		FS1760-1	-SW	Spanner wrench	H-1042			
3060-F		FS1760-FL-1	T	Threaded outlet	T			
3061		FS1760-5-1	-U	Vandal proof	-6			
3061-F		FS1760-FL-5-1	-X	Carpet clamping type	-RFC			
Dx3068		FS1760-5-1-Z	-Y	Carpet marker	-RC			
3100		FS1520-FL-1	Y	No hub outlet	-Std.			
3101		FS1520-FL-5-1						
3110		FS1720-FL-1						
3111		FS1720-FL-5-1						
3120		FS1730-FL-1						
3121		FS1730-FL-5-1						
3130		FS1740-FL-1						
3131		FS1750-FL-5-1						
3140		FS1720-FL-1						
3141		FS1720-FL-5-1						
3150		FS1730-FL-1						
3151		FS1730-FL-5-1						
3160		FS1740-FL-1						
3200		FS1790-FL-1						
3201		FS1790-FL-1-5						
3250		FS1790-FL-1						
3251		FS1790-FL-1-5						
3300		FS1530-FL-1						
3301		FS1530-FL-5-1						
3320		FS1750-FL-11-21-1						
3321		FS1750-FL-5-11-21-1						
3365		F1100-C-ER9						
3370		F1350-Y-36						
3371		F1350-Y-36						
3380		F1670-5						
3385		F1670-5						
3400		FS1760-FL						
3401		FS1760-FL-5						
3410		FS1520-FL						
3411		FS1520-FL-5						
3420		FS1720-FL						
3421		FS1720-FL-5						
3430		FS1730-FL						
3431		FS1730-FL-5						
3440		FS1740-FL						
3441		FS1740-FL-5						
3450		FS1790-FL-1						
3451		FS1790-FL-5-1						
3460		FS1530-FL						

Cleanouts & Access Covers (Cont'd)

SMITH	MIFAB
4890	C1230
DX4890	C1230-WF

WATER HAMMER ARRESTORS

SMITH	MIFAB
5000	WHB
5005	WHB-A
5010	WHB-B
5020	WHB-C
5030	WHB-D
5040	WHB-E
5050	WHB-F
5200	MWH
5205	MWH-A
5210	MWH-B
5220	MWH-C
5230	MWH-D
5240	MWH-E
5250	MWH-F

HYDRANT VARIATIONS

SMITH	MIFAB
-AG	-13
-CI	-50
-CL	-K
-E	-6
-E1	No Equal
-H	-8
-HC1	-0
-IC1	No Equal
-LD	No Equal
-MF	No Equal
-N	-9
-NB	-1
-NV	Reg. Furnished
-PB	-2
-RB	No Equal
-SAP	See MHY-30 or 35
-SE	No Equal
-SS	-5
-SS1	No Equal
-W	No Equal
-WC	-WC
-WH	-12

HYDRANTS

SMITH	MIFAB
5509-QT	MHY-26
5509-QT-SAP	MHY-55
5519	MHY-26-52
5560-QT	MHY-45
5609-QT	MHY-16
5609-QT-SAP	MHY-50
5619	MHY-16-52
5810	MHY-60-3/4"
5810-F	MHY-60-FLM-3/4"
5812	MHY-61- 1-1/4"
5813	MHY-61-1-1/2"
5814	MHY-61-2"
5909	MHY-68
5910	MHY-65-3/4"
5911	MHY-65-1"
5912	MHY-66-1-1/4"
5913	MHY-66-1-1/2"
5914	MHY-66-2"
5950	MHY-60-HSB-3/4"
5951	MHY-60-HSB-1"

BACKWATER VALVES & TRAPS

SMITH	MIFAB
7000	BV1210
7012	BV1000

Backwater Valves (Cont'd)

SMITH	MIFAB
7022	BV1000
7070	BV1280
7080	BV1260
7097	BV1290
7150	BV1300

TRAPS

SMITH	MIFAB
7220	MI-950
7221	MI-950
7222	MI-950
7230	C1600
7231	C1600
7232	C1600

INTERCEPTOR VARIATIONS

SMITH	MIFAB
AC	-AL
ACC	-AL
ARC	-Std.
ARI	-Std.
ARIO	-Std.
ARO	-Std.
B	-SB
E	-C
F	-FL
F-C	-FLM
HC	-HD
QC	-TL
SS	-SS
TC	-TL
U	-6
Y	-Std.
DI -M grate	-4
No Hub	-Std.

INTERCEPTORS

SMITH	MIFAB
8000	MI-G
8004	MI-G-0
8007	MI-G-1
8010	MI-G-2
8015	MI-G-3
8020	MI-G-4
8025	MI-G-5
8035	MI-G-6
8050	MI-G-7
8000GT	MI-G-SDH
8000GTX	MI-G-SDH
8100	MI-G-L
8100GT	MI-G-L-SDH
8100GTX	MI-G-L-SDH
8120	MI-G-L-20
8135	MI-G-L-35
8150	MI-G-L-50
8200	MI-G-C
8300	MI-G w/MI-CS
8300GT	MI-G-SDH w/MI-CS
8400	XL-MI-G
8400E	XL-MI-G-C
8510	MI-O
8510E	MI-O-C
8560	MI-O
8560E	MI-O-C
8599	MI-O-HU
8710	MI-SOLID-S
8714	MI-SOLID-M
8715	MI-SOLID-L
8730	MI-SOLID-LB
8750	MI-HAIR
8760	MI-HAIR

Interceptors (Cont'd)

SMITH	MIFAB
8811	MI-SD
8817	MI-SAND
8905	MI-RICE
8910	MI-LINT
8925	MI-OS

SPECIALTIES & STAINLESS STEEL PRODUCTS

SMITH	MIFAB
9005	MI-GRILL
9010	MI-GRILL
9020	MI-GRILL
9110	TS1002
9120	TS1003
9200	MI-750
9205	F1640
9690	FS1920-FL
9692	FS1920-FL
9693	FS1930-FL
9694	FS1940-FL
9696	FS1920-FL-5
9698	FS1930-FL-5
9699	FS1940-FL-5
9700	F1000-C-6-3-28
9703	F-3
9704	G-3
9705	F1000-8-3-28-Z
9710	F1000-8-3-28
9713	F1000-8-3-28
9715	F1000-8-3-28-90
9718	F1000-8-3-28-90
9720	C1100-T7-3-28
9725	F1000-8-3-28
9730	FS1760-3-28
9733	F1360-28-3
9734	FS1760-3-28
9735	C1100-T7-3-28
9740	F1880
9745	RS48-3-28-NH
9750	F1130C-28-3
9755	BV1000-28
9759	MI-850-28
9760	C1100-T6-3-28
9770	C1100-T6-3-28
9775	C1430-28
9776	C1430-RD-28
9780	R1200-M-28
9785	R1300-28
9790	BV1210-28
9795	BV1000-28



WATTS TO SMITH COMPARISON GUIDE



ISSUED FEB. 2014

OUTLET DESCRIPTIONS		ALPHA SUFFIXES (Cont'd)		WATER CLOSET CARRIERS ADJUSTABLE SERIES-HORIZONTAL		WATER CLOSET CARRIERS ADJUSTABLE SERIES VERTICAL BARIATRIC	
WATTS	SMITH	WATTS	SMITH	WATTS	SMITH	WATTS	SMITH
Std. Outlet	Y (No Hub Outlet)	-G-50	4x9 Oval CI Funnel (3591-CI)	ISCA-101-L	0211LY	ISCA-122	0230Y-M54-XK
-P	L (Speedi-Set Outlet)	-GSS	Stainless Steel Ballast Guard	ISCA-101-L-36	0221LY	ISCA-122-HS	0230-M54-XK
-T or THD	T (Threaded Outlet)	-K	Cylinder Lock (-CL)	ISCA-101-L-HS	0210L	ISCA-122-D	0230DY-M54-XK
-X	C (Inside Caulk Outlet)	-K	Ductile Iron Dome	ISCA-101-L-HS-36	0220L	ISCA-122-D-HS	0230D-M54-XK
-60	No Equal - CSE	-K13	Galvanized Dome (CID-G)	ISCA-101-R	0211RY	ISCA-123	0230Y-M54-XX
-61	No Equal - CSE	-K40	Ductile Iron Low Dome	ISCA-101-R-36	0221RY	ISCA-123-HS	0230-M54-XX
NUMERIC SUFFIXES		-K80	Aluminum Dome (-AD)	ISCA-101-R-HS	0210R	ISCA-123-D	0230DY-M54-XX
WATTS	SMITH	-K83	Stainless Steel Mesh Dome (-SSMD)	ISCA-101-R-HS-36	0220R	ISCA-123-D-HS	0230D-M54-XX
-1	Nickel Brz (-NB)	-L	Vandal Proof (-U)	ISCA-101-L-AUX	0209LY	WATER CLOSET CARRIERS ADJUSTABLE SERIES VERTICAL BARIATRIC W/SIDE INLETS	
-3	Stainless Steel (-SS)	-M1	Extended Nipple	ISCA-101-R-AUX	0219RY	WATTS	SMITH
-4	Ductile Iron (-M)	-M11	Tiling Frame (-M13)	ISCA-101-D	0211DY	ISCA-132	0250Y-M54-XK
-5	Sediment Bucket (-B)	-M12	Rear Anchor Support (-M51)	ISCA-101-D-36	0221DY	ISCA-132-HS	0250-M54-XK
-6	Vandal Proof (-U)	-M20	Flush Valve Support (-M12)	ISCA-101-D-HS	0210D	ISCA-132-D	0250DY-M54-XK
-7	Trap Primer Tapping (-P)	-M23	Right Side Inlet	ISCA-101-D-HS-36	0220D	ISCA-132-D-HS	0250D-M54-XK
-8	Backwater Valve (-V)	-M24	Left Side Inlet	WATER CLOSET CARRIERS ADJUSTABLE SERIES VERTICAL W/SIDE INLETS		WATER CLOSET CARRIERS VERTICAL COMPACT CENTERLINE SERIES	
-9	Hinged Grate (-H)	-M54	2" Escutcheons (-E)	WATTS	SMITH	WATTS	SMITH
-12	Galvanized Top (-G)	-M55	4" Escutcheons (-E4)	ISCA-121	0230Y	ISCA-141-3	0532FY
-13	Galvanized (-G)	-M60	Flush Valve Support (-M12)	ISCA-121-HS	0230	ISCA-141-3-HS	0532F
-14	Flat Grate	-M60	Knee Operated Valve Support (-KW or -KF)	ISCA-121-D	0230DY	ISCA-141-4-V2	0440Y
-15	Strainer Extension (2010X)	-O	Non Standard Inlet/Outlet	ISCA-121-D-HS	0230	ISCA-141-4-V2-HS	0440
-21	Secondary Strainer (-FBS)	-R	External Water Dam (-WD)	WATER CLOSET CARRIERS ADJUSTABLE SERIES VERTICAL W/SIDE INLETS		ISCA-141-4-V4	0450Y
-22	Less Grate (-10)	-SO	Side Outlet	WATTS	SMITH	ISCA-141-4-V4-HS	0450
-34	Closure Plug (-XP)	-SS	Stainless Steel (-SS)	ISCA-131-L	0240LY	ISCA-141-4-D-V2	CSE
-34B	Gasket Seal Brz. Plug	-TG	Top Grate	ISCA-131-L-HS	0240L	ISCA-141-4-D-V2-HS	CSE.
-38	Solids Retaining Baffle	-US	Buy American Compliant	ISCA-131-R	0240RY	ISCA-141-4-D-V4	CSE
-81	Brz Dome (-RB or -PB)	-V	Fixed Extension (-E)	ISCA-131-R-HS	0240R	ISCA-141-4-D-V4-HS	CSE
-88	Wall Clamp (-WC)	-VB	Vacuum Breaker (-H)	ISCA-131-2	0250Y	ISCA-151-L	0410LY
-128	Grate w/ Center Hole (-14)	-W	Internal Water Dam (1070)	ISCA-131-2-HS	0250	ISCA-151-L-M23	0411LY
-150	Half Grate (-12)	-Y	Fixed Top	ISCA-131-D	0240DY	ISCA-151-L-M24	0415LY
-175	3/4 Grate (-13)	-Z	Elastomeric Flange (Prefix DX)	ISCA-131-D-HS	0240D	ISCA-151-L-HS	0410L
ALPHA SUFFIXES		WATER CLOSET CARRIER OPTIONS AND VARIATIONS		WATER CLOSET CARRIERS ADJUSTABLE SERIES HORIZONTAL BARIATRIC		URINAL CARRIERS	
WATTS	SMITH	WATTS	SMITH	WATTS	SMITH	WATTS	SMITH
-A	45 Deg. Outlet	-BF	Assembly for Floor Mounted Back Outlet (Type -2 or -2M)	ISCA-102-L	0211LY-M54-XK	CA-311	0636 or 0616
-A	Control Flow (1083/1085)	CA-100-EXT	Aux. Support System (-M40)	ISCA-102-L-HS	0210L-M54-XK	CA-321	0637 or 0617
-B	Sump Receiver (-R or -RDP)	-HS	Hub and Spigot	ISCA-102-R	0211RY-M54-XK	FLOOR MOUNTED LAVATORY CARRIERS W/EXPOSED ARMS	
-BF	Assembly for Floor Mounted Back Outlet (Type -2 or -2M)	-M1	Extended ABS Nipple	ISCA-102-R-HS	0210R-M54-XK	WATTS	SMITH
-C	Membrane Clamp (-C)	-M11	Tiling Frame (-M13)	ISCA-102-D	0211DY-M54-XK	CA-401	0750 or 0870
-D	Deck Clamp (-C)	-M16	Vandal Proof Cap	ISCA-102-D-HS	0210D-M54-XK	CA-401D	0750D or 0870D
-E	Extension (-E or DEK)	-M20	Nuts (-U)	ISCA-103-L	0211LY-M54-XX	WATER CLOSET CARRIERS ADJUSTABLE SERIES VERTICAL BARIATRIC	
-F	Flange (-F)	-X	Flush Valve Support (-M12)	ISCA-103-L-HS	0210L-M54-XX	WATTS	SMITH
-F4-1	4" Round NB Funnel (3580-NB)	-36	Horizontal Long Barrel (36")	ISCA-103-R	0211RY-M54-XX	ISCA-122	0230Y-M54-XK
-F4-50	4" Round CI Funnel (3580-CI)			ISCA-103-R-HS	0210R-M54-XX	ISCA-122-HS	0230-M54-XK
-F6-1	6" Round NB Funnel (3581-NB)			ISCA-103-D	0211DY-M54-XX	ISCA-122-D	0230DY-M54-XK
-FC	Flange and Clamp (-FC)			ISCA-103-D-HS	0210D-M54-XX	ISCA-122-D-HS	0230D-M54-XK
-G-1	4x9 Oval NB Funnel (3591-NB)					ISCA-123	0230Y-M54-XX

FLOOR MOUNTED LAVATORY CARRIERS W/CONCEALED ARMS	
WATTS	SMITH
TCA-411	0710
TCA-411D	0710D
TCA-411-WC	0710-27
TCA-411-D-WC	0710D-27
WCA-411	0700
WCA-411-D	0700D
WCA-411-WC	0700-27
WCA-411-D-WC	0700D-27

FLOOR MOUNTED LAVATORY CARRIERS PLATE TYPE	
WATTS	SMITH
CA-421	0800-0801
CA-431-1	0834

WALL MOUNTED LAVATORY CARRIERS W/CONCEALED ARMS	
WATTS	SMITH
TCA-440	0720
TCA-450	0720-27
CA-461	0720
CA-462	0722

WALL MOUNTED LAVATORY CARRIERS PLATE TYPE	
WATTS	SMITH
CA-481	0826 or 0828

SERVICE SINK CARRIERS	
WATTS	SMITH
ISCA-550-3	0631-Y2
ISCA-550-4-V2	0631-Y4
ISCA-550-4-V4	0631-Y5
ISCA-560-3	0915-Y2 or 0925-Y2
ISCA-560-4-V2	0915-Y4 or 0925-Y4
ISCA-560-4-V4	0915-Y5 or 0925-Y5

ROOF DRAIN OPTIONS	
WATTS	SMITH
-1	Nickel Bronze Top (-NB)
-5	Sediment Bucket (-B)
-6	Vandal Proof (-U)
-13	Galvanized (-G)
-14	Flat Grate
-60	No Equal - CSE
-61	No Equal - CSE
-83	SS Mesh Covered Metal Dome (-SSM)
-85	Perforated Extension (-EP)
-A	Control Flow (1083/1085)
-B	Sump Receiver (-R or -RDP)
-D	Deck Clamp (-C)
-E	Extension (-E or DEK)
-F	Adj. Extension Flange (-DEK or -AE)
-GSS	Stainless Gravel Guard (-GG)
-K	Ductile Iron Dome Galvanized
-K13	Dome (CID-G)
-K40	Ductile Iron Low Dome - CSE

ROOF DRAIN OPTIONS (Cont'd)	
WATTS	SMITH
-K80	Aluminum Dome (-AD)
-K81	Rough Brz Dome (-RBD)
-K83	SS Mesh Covered Metal Dome (-SSM)
-K83	SS Mesh Covered Poly Dome (-PDSSM)
-L	Vandal Proof Dome (-U)
-R	External Water Dam (-WD)
-SO	Side Outlet
-SS	Stainless Steel (-SS)
-US	Buy American Compliant
-V	Fixed Extension (-E)
-W	Internal Water Dam (1070)
-Z	Elastomeric Flange (Prefix DX)

NOTE: Last digit of Watts model number represents outlet pipe size
 EXAMPLE: RD-104 is Smith Fig. 1010 with a 4" outlet

ROOF DRAINS	
WATTS	SMITH
RD-100	1010
RD-102, 3, 4, 5, 6	1010
RD-100-A	1083 or 1085
RD-102, 3, 4, 5, 6-A	1083 or 1085
RD-100-CP	1450-M
RD-102, 3, 4, 5, 6-CP	1450-M
RD-102, 3, 4, 5, 6-CP-1	1450-NB
RD-100-F	1010-DEK or 1015
RD-102, 3, 4, 5, 6-F	1010-DEK or 1015
RD-100-GSS	1011
RD-102, 3, 4, 5, 6-GSS	1011
RD-100-GSS-Z	1019
RD-102, 3, 4, 5, 6-GSS-Z	1019
RD-100-R	1080
RD-102, 3, 4, 5, 6-R	1080
RD-100-SO	1020
RD-102, 3, 4, 5, 6-SO	1020
RD-100-SO-Z	DX1020
RD-102, 3, 4, 5, 6-SO-Z	DX1020
RD-100-W	1070
RD-102, 3, 4, 5, 6-W	1070
RD-100-Z	DX1010
RD-102, 3, 4, 5, 6-Z	DX1010
RD-100-85	1017
RD-102, 3, 4, 5, 6-85	1017
RD-100-85-Z	1018
RD-102, 3, 4, 5, 6-85-Z	1018
RD-200	1330
RD-202, 3, 4	1330
RD-200-SO	1340
RD-202, 3, 4-SO	1340
RD-200-CP	1470-M
RD-202, 3, 4-CP	1470-M
RD-200-CP-85	1479-M
RD-202, 3, 4-CP-85	1479-M
RD-200-R	1330-WD2
RD-202, 3, 4-R	1330-WD2
RD-200-W	CSE
RD-202, 3, 4-W	CSE

ROOF DRAINS (Cont'd)	
WATTS	SMITH
RD-230	1680
RD-230-14	1670
RD-232, 3, 4	1680
RD-232, 3, 4-14	1670
RD-240	1620
RD-240-14	1610
RD-242, 3, 4	1620
RD-242,3, 4-14	1610
RD-260	1830
RD-262, 3, 4	1830
RD-270	1510
RD-272, 3, 4, 6	1510
RD-270-A	1530
RD-272, 3, 4, 6-A	1530
RD-280	CSE
RD-283, 4	CSE
RD-280-SO	CSE
RD-283, 4-SO	CSE
RD-290	1520
RD-292, 3, 4, 6	1520
RD-290-A	1540
RD-292, 3, 4, 6-A	1540
RD-300	1010
RD-302, 3, 4, 5, 6, 8	1010
RD-308, 310	1010-20" Fig.
RD-300-CP15	1410-M
RD-302, 3, 4, 5, 6, 8-CP15	1410-M
RD-308, 310	1410-101-M
RD-300-CP15-SO	1420-M
RD-302, 3, 4, 5, 6-CP15-SO	1420-M
RD-300-CP15-F	1410-M-DEK or 1415
RD-302, 3, 4, 5, 6, 8-CP15-F	1410-M-DEK or 1415
RD-300-CP15-85	1409-M
RD-302, 3, 4, 5, 6, 8-CP15-85	1409-M
RD-308, 310-CP-85	1409-101-M
RD-300-F	1010-DEK or 1015
RD-302, 3, 4, 5, 6, 8, 10-F	1010-DEK or 1015
RD-300-R	1080
RD-302, 3, 4, 5, 6, 8, 10-R	1080
RD-300-R-F	1080-DEK or -AE
RD-302, 3, 4, 5, 6, 8-R-F	1080-DEK or -AE
RD-300-W	1070
RD-302, 3, 4, 5, 6, 8-W	1070
RD-310-W	CSE
RD-300-W-F	1070-DEK or -AE
RD-302, 3, 4, 5, 6, 8-W-F	1070-DEK or -AE
RD-400	3970
RD-402, 3, 4, 5, 6	3970
RD-410	3960
RD-412, 3, 4	3960
RD-500	1010Y12
RD-700	CSE
RD-703, 4, 6	CSE
RD-700-CT	CSE
RD-703, 4, 6-CT	CSE
RD-680-VC	1748
RD-682, 3, 4, 6-VC	1748
RD-688-VC	CSE
RD-900	CSE
RD-902, 3, 4	CSE
RD-940	1770
RD-942, 3, 4, 5, 6, 8	1770T
RD-942, 3, 4, 5, 6, 8, 10, 12-NH	1770Y
RD-943, 4, 6, 8-P	CSE
RD-950	1775
RD-953, 4, 6, 8, 10, 12	1775
RD-970 (4X3)	1785
RD-980 (5X4)	1786

FLOOR DRAIN OPTIONS	
WATTS	SMITH
-1	Nickel Bronze Top (-NB)
-5	Sediment Bucket (-B)
-6	Vandal Proof (-U)
-7	Trap Primer Tapping (-P)
-8	Backwater Valve (-V)
-13	Galvanized (-G)
-15	Strainer Extension (2010X)
-60	No Equal - CSE
-61	No Equal - CSE
-F4-1	4" Round NB Funnel (3580-NB)
-F4-50	4" Round CI Funnel (3580-CI)
-F6-1	6" Round NB Funnel (3581-NB)
-FC	Flange and Clamp (-FC)
-G-1	4x9 Oval NB Funnel (3591-NB)
-G-50	4x9 Oval CI Funnel (3591-CI)
-SO	Side Outlet
-SS	Stainless Steel (-SS)
-US	Buy American Compliant
-Z	Elastomeric Flange (Prefix DX)

FLOOR DRAINS	
WATTS	SMITH
FD-100-A	2005-A
FD-102, 3, 4-A	2005-A
FD-100-A-SO	2015-A
FD-102, 3, 4-A-SO	2015-A
FD-100-AS	2005-W
FD-102, 3, 4-AS	2005-W
FD-100-AS-SO	2015-W
FD-102, 3, 4-AS-SO	2015-W
FD-100-B	CSE
FD-102, 3, 4-B	CSE
FD-100-B-SO	CSE
FD-102, 3, 4-SO	CSE
FD-102, 3, 4-B6	2005-69
FD-102, 3, 4-B6-SO	2015-69
FD-100-DD	2005 w/2645CI
FD-102, 3, 4-DD	2005 w/2645CI
FD-100-DD-SO	2015 w/2645CI
FD-102, 3, 4-DD-SO	2015 w/2645CI
FD-102, 3, 4-DD-1	2005 w/2645NB
FD-102, 3, 4-DD-1-SO	2015 w/2645NB
FD-100-EF	2005-3580NB
FD-102, 3, 4-EF	2005-3580NB
FD-100-EF-SO	2015-3580NB
FD-102, 3, 4-EF-SO	2005-3580CI
FD-102, 3, 4-EF-50	2005-3580CI
FD-100-EF-SO-50	2015-3580CI
FD-102, 3, 4-EF-SO-50	2015-3580CI
FD-100-EG	2005-3591NB
FD-102, 3, 4-EG	2005-3591NB
FD-100-EG-SO	2015-3591NB
FD-102, 3, 4-EG-SO	2015-3591NB
FD-100-EG-50	2005-3591CI
FD-102, 3, 4-EG-50	2005-3591CI
FD-100-EG-SO-50	2015-3591CI
FD-102, 3, 4-EG-SO-50	2015-3591CI
FD-100-ER	2005-F37 or F38
FD-100-ER-SO	2015-F37 or F38
FD-102, 3, 4-ER7	2005-F37
FD-102, 3, 4-ER9	2005-F38
FD-100-FC	2050 or 2051
FD-102, 3, 4-FC7	2051
FD-102, 3, 4-FC9	2050
FD-100-H	2005-DX06NB
FD-102, 3, 4-H	2005-DX06NB
FD,100-H-SO	2015-DX06NB
FD-102, 3, 4-H-SO	2015-DX06NB
FD-100-K	2005-GNB
FD-102, 3, 4-K	2005-GNB
FD-100-K-SO	2015-GNB

INTERCEPTOR OPTIONS (Cont'd)

WATTS	SMITH
US	Buy American
	Compliant
-X	Cover for Recessed Installation

GREASE INTERCEPTORS

WATTS	SMITH
WD	8000 Series
WD-4	8004
WD-4-E	8204
WD-7	8007
WD-7-E	8207
WD-10	8010
WD-10-E	8210
WD-15	8015
WD-15-E	8215
WD-20	8020
WD-20-3	8220
WD-25	8025
WD-25-E	8225
WD-35	8035
WD-35-E	8235
WD-50	8050
WD-50-E	8250
WD-L	8100 Series
WD-20-L	8120
WD-35-L	8135
WD-50-L	8150
WD-A	8000GTX Series
WD-7-A	8007GTX
WD-10-A	8010GTX
WD-15-A	8015GTX
WD-20-A	8020GTX
WD-25-A	8025GTX
WD-35-A	8035GTX
WD-50-A	8050GTX
WD-75-A	8075GTX
WD-LA	8120GTX Series
WD-20-LA	8120GTX
WD-35-LA	8135GTX
WD-AH	8300GT Series
WD-7-AH	8307GT
WD-10-AH	8310GT
WD-15-AH	8315GT
WD-20-AH	8320GT
WD-25-AH	8325GT
WD-35-AH	8335GT
WD-50-AH	8350GT
WD-75-AH	8375GT
WD-H	8300 Series
WD-7-H	8307
WD-10-H	8310
WD-15-H	8315
WD-20-H	8320
WD-25-H	8325
WD-35-H	8335
WD-50-H	8350
WD-75-H	8375
GI-K	8400 Series
GI-75-K	8450
GI-100-K	8460
GI-150-K	8465
GI-200-K	8470
GI-250-K	8475
GI-300-K	8480
GI-400-K	8490-400
GI-500-K	8490

OIL INTERCEPTORS

WATTS	SMITH
O	8510 Series
OI-10	8510
OI-15	8515
OI-20	8520
OI-25	8525
OI-50	8550
OI-K	8560 Series

OIL INTERCEPTORS (Cont'd)

WATTS	SMITH
OI-75-K	8560
OI-100-K	8565
OI-150-K	8570
OI-200-K	8575
OI-35	8535
OI-250-K	8580
OI-300-K	8585
OI-400-K	8590-400
OI-500-K	8590
OI-ST	8599 Series
OI-10-ST	8599-10-50
OI-15-ST	8599-15-50
OI-20-ST	8599-20-50
OI-25-ST	8599-25-100
OI-35-ST	8599-35-100
OI-50-ST	8599-50-100
OI-75-ST	8599-75-100
OI-100-ST	8599-100-250
OI-125-ST	8599-125-250
OI-150-ST	8599-150-250
OI-200-ST	8599-200-500
OI-250-ST	8599-250-500
OI-300-ST	8599-300-500
OI-350-ST	8599-350-500
OI-400-ST	8599-400-500
OI-450-ST	8599-450-500
OI-500-ST	8599-500-750

LINT INTERCEPTORS

WATTS	SMITH
LI-800	8910 Series
LI-803	8910-50
LI-807	8910-70
LI-810	8910-100
LI-820	8910-200
LI-830	8910-350
LI-840	8910-400
LI-850	8910-500

SAND INTERCEPTORS

WATTS	SMITH
SA	8817 Series
SA-310	8817-300
SA-410	8817-400
SA-510	8817-500
SA-610	8817-600
SA-710	8817-700
SA-810	8817-800
SA-1010	8817-1000

SOLIDS INTERCEPTORS

WATTS	SMITH
SI	Solids Interceptors
SI-74	8710
SI-742	8710-AA
SI-742-L	8715
SI-742-X	8714
SI-750	8750-CI
SI-750-CP	8750
SI-750-TO	8760
SI-762	8730
SI-770	8870 Series
SI-770-100	8870-34
SI-770-200	8871-34
SI-770-300	8872-34
SI-770-400	8873-34
SI-770-500	8874-34
SI-770-600	8875-34
SI-770-700	8876-34
SI-770-800	8877-34
SI-770-900	8878-34
SI-770-1000	8870-100-34

MISCELLANEOUS SPECIALITIES

WATTS	SMITH
MS-930	2695Y-2
MS-932, 3, 4	2695-2
MS-950	CSE
MS-952, 3	CSE
MS-8000	9005-NB
MS-8034	9005-03NB (3" Pipe), 9005-04NB (4" Pipe)
MS-8056	9005-05NB (5" Pipe), 9005-06 (6" Pipe)

PLASTIC PIPE SLEEVES

WATTS	SMITH
PS-0151	No Equal
PS-021	No Equal
PS-033	No Equal
PS-043	No Equal
PS-053	No Equal
PS-063	No Equal
PS-083	No Equal
PS-101	No Equal
PS-121	No Equal



JOSAM TO SMITH COMPARISON GUIDE



BASED ON JOSAM PRODUCT CATALOG (PG12)

ISSUED FEB 2014

CLOSET CARRIERS & FITTINGS OPTIONS		CLOSET CARRIERS & FITTINGS (Cont'd)		LAVATORY, URINAL, & WATER COOLER CARRIERS OPTIONS(Cont'D)		ROOF DRAIN OPTIONS (Cont'd)	
JOSAM	SMITH EQUIV. or DESC.	JOSAM	SMITH	JOSAM	SMITH EQUIV. or DESC.	JOSAM	SMITH EQUIV. or DESC.
-AUX	Aux. Inlet	12704-HS-HD4	0250 or 0350	-10	-M24 (Concealed Arm)	-1C	Drain Receiver Clips
-CR	Comp. Seal Nipple	12704-HS-HLH4	0240L or 0340L	-10	Longer Studs f/Walls over 4"	-2	-R Sump Receiver
-D4	DBL 4" NH Branches	12704-HS-HRH4	0240R or 0340R	-11	Longer Coupling	-3	-C-R
-HD4	DBL 4" Hub Branches	12704-LH4	0240LY or 0340LY	-45	Thrd LH Aux Inlet	-3C	-RDP
-HLH4	LH 4" Hub Branch	12704-RH4	0240RY or 0340RY	-46	Thrd RH Aux Inlet	-4	-C2 Secondary Clamp
-HRH4	RH 4" Hub Branch	12714	0230YRV or 0330YRV	-60	-KW	-6	DX
-HS	Hub & Spigot	12714-D4	0250YRV or 0350YRV	-66	Split Header f/SS Arms	-10	-E Extension
-HVS4	Vent Side 4" Hub Branch	12714-HS	0230RV or 0330RV	-67	-27	-12	Extended Flashing Collar
-LH4	LH 4" NH Branch	12714-HS-HD4	0250 or 0350 w/RH Vent	-75	-E	-16	Internal Water Guard
-OR	-M58	12714-HS-HLH4	0240L or 0340L w/RH Vent	-76	-E4	-17	2" High Solid Collar
-OS4	Opp Vent 4" NH Branch	12714-HS-HRH4	0240R or 0340R w/RH Vent	-77	-E6	-18	Extra Deep Sump
-PAC	Preassembled Carrier	12714-LH4	0240LYRV or 0340LYRV	LAVATORY, URINAL, & WATER COOLER CARRIERS		-19	Collar w/SS Perf GG
-PF	-M54	12714-RH4	0240RYRV or 0340RYRV			JOSAM	SMITH
-RH4	RH 4" NH Branch	12724	0230DY or 0330DY	17100	0700	-21	-CIDG Cast Iron Dome Galv.
-SD	500 LB - Reg. Furn.	12724-D4	0250DY or 0350DY	17100-BB	0700D	-22	Cast Iron Dome or Grate
-TAS	-RON	12724-HS	0230D or 0330D	17100-67	0700-27	-23	-RBD Rough Brz Dome
-VP	-U	12724-HS-HD4	0250D or 0350D	17120	0724	-24	Rough NB Dome or Grt
-VS4	Vent Side 4" NH Branch	12724-HS-HVS4	0240D or 0340D	17120-BP	0720	-26	-AD Aluminum Dome
-XSD	-XK	12724-OS4	0240DYOV or 0340DYOV	17120-MMB	0723	-27	High Dome
-1	-M17	12724-VS4	0240DY or 0340DY	17120-10	0721	-28	CID F/Overflow Drain
-6	-M12	14004	0410L or 0430L	17125	0722	-29	-B Bucket
-10	Longer Nipple	14024	0410R or 0430R	17125-BB-UP-ADJ	0710D	-31	Chain Anchored Grate
-13	3" ABS Adaptor	14044	0410D or 0430D	17125-UP-ADJ	0710	-33	-SSM Stainless Steel Mesh
-21	Hanger Type Closet Adaptor	14064	0450 or 0490	17380	0750 or 0751	-35	Flat Grate
-24	-2	14104	0440 or 0480	17380-BB	0750D or 0751D	-36	-M Ductile Iron
-26	-M51	14404	0410LY or 0430LY	17380-HD	0870	-37-50	DI Undergrate w/NB
-30	Cast Iron Nipple	14404-50	0411LY or 0431LY	17390	0780 or 0781	-37-51	DI Undergrate w/PB
-30-2	CI Nipple & 95 Test Cap	14424	0410RY or 0430RY	17390-BP	0770 or 0771	-38	Less Grate
-32	-M40	14424-50	0411RY or 0431RY	17405	0790 or 0791	-50	CI Undergrate w/NB
-35	ADA Rough-In	14444	0410DY or 0430DY	17550	0800	-51	CI Undergrate w/PB
-45	Thrd LH Aux Inlet	14444-50	0411DY or 0431DY	17550-CL	0813	-60	-S Square Top
-46	Thrd RH Aux Inlet	14464	0450Y or 0490Y	17550-UR	0636	-60-50	-SNB
-49	NH High Aux Inlet Under Vent	14484	0625Y	17550-WC	0800	-60-51	-SPB
-50	NH High Aux Inlet Opposite Vent	14484	0440Y or 0480Y	17550-WCBL	0834	-61	Downspout Elbow
-53	Thrd High Aux Inlet Under Vent	14504	0440Y or 0480Y	17560-UR	0637	OUTLETS	
-54	Thrd High Aux Inlet Opposite Vent	15964	0444Y or 0484Y	17560-WC	0830	JOSAM	SMITH
-58	Long Barrel	15984	650Y w/ 2646Y04	17560-WCBL	0834	-45	Body w/45 Deg Thrd Out
CLOSET CARRIERS & FITTINGS		16123	0548FP	17590	0826	-66	NO-HUB Side Outlet
JOSAM	SMITH	LAVATORY, URINAL, & WATER COOLER CARRIERS OPTIONS		17590-DP	0825	-90	Body w/90 Deg Thrd Out
11001	0548F less CPLG	JOSAM	SMITH EQUIV. or DESC.	17590-UR	0828	-T	T Threaded Outlet
11007	0548F-3	-BB	Back to Back Carrier	17590-UR-DP	0827	-TSO	T Threaded Side Outlet
11008	0548F-4	-BP	With Back Plates	17720	0850	-X	C Caulk Outlet
12674	0211LY or 0311LY	-CL	Corner Lav Carrier	17720-66	0862	-Y	Y NO-HUB Outlet
12674-35	0115LY or 0315LY	-CL	Corner Lav Carrier	17730	0630 or 0914	-Z	NO-HUB Spigot Outlet
12674-58	0221LY or 0321LY	-DP	DBL Plate Carrier	17735	0631Y or 0915Y	ROOF DRAINS	
12674-AUX	0209LY	-HD	Heavy Duty	ROOF DRAIN OPTIONS		JOSAM	SMITH
12674-HS	0210L or 0310L	-HD	Heavy Duty	-AE	Adjustable Extension	21500	1010
12684	0211RY or 0311RY	-MMB	With Moveable Mounting Brackets	-AER	Adj Ext Using Thrd Rods	21500-AE	1015
12684-35	0115RY or 0315RY	-UR	Urinal Carrier	-BS	-BS Bird Screen	21500-AE-16	1074
12674-58	0221RY or 0321RY	-VP	-U	-CR	-RDP	21500-AE-19	1031
12684-AUX	0209RY	-WC	Water Cooler Carrier	-IRMA	Perforated SS Extension	21500-AER	SQ-1-3674
12684-HS	0210R or 0310R	-WCBL	Water Cooler Bi-Level Carrier	-PG	Parking Grate	21500-IRMA	1017
12694	0211DY or 0311DY			-VP	-U Vandal Proof	21500-IRMA-6	1018
12694-35	0115DY or 0315DY			-1	-C Underdeck Clamp	21500-RDG1	1900
12694-58	0221DY or 0321DY						
12694-HS	0210D or 0310D						
12704	0230Y or 0330Y						
12704-D4	0250Y or 0350Y						
12704-HS	0230L or 0330L						

INTERCEPTORS (Cont'd)		INTERCEPTORS (Cont'd)		HYDRANTS		MISC. PRODUCTS	
JOSAM	SMITH	JOSAM	SMITH	JOSAM	SMITH	JOSAM	SMITH
60105H-GRD	8165-20-A505	60613A	8570	71000	5509QT	85220	6040
60105H-RT	8320	60613A-EST	8599-150-250	71020	5509QT-SAP	85800	6241
60106H	8025	60614A	8575	71050	5609QT	85810	6240
60106H-ET	8325-W	60614A-EST	8599-200-250	71070	5609QT-SAP	85903-Z	CSE
60106H-EXT	8225	60615A	8580	71400	5909	TRAPS & ACCESSORIES OPTIONS	
60106H-GRH	8165-25-A505	60615A-EST	8599-250-500	71450	5909	JOSAM	SMITH EQUIV. or DESC
60106H-RT	8325	60616A	8585	71451	CSE	-VP	-U Vandal Proof
60107H	8035	60616A-EST	8599-350-500	71600	5810	-2	-PB Polished Bronze
60107H-ET	8335-W	60617A	8590	71650	5560QT-NB	-8	All Bronze
60107H-EXT	8235	60617A-EST	8599-500-500	SHOCK ABSORBERS		-10	-CP Chrome Plated
60107H-GRD	8165-35-A505	60810	8925 Ser.	JOSAM	SMITH	-40	-G Galvanized
60107H-RT	8335	60816	8925-12	75000	5005 Ser.	-50	-P050 1/2" Trap Primer Conn.
60108H	8050	60817	8925-60	75000-A	5005	-51	-FC Flushing Conn.
60108H-ET	8350-W	60818	8925-100	75000-B	5010	-60	-BP Bronze Plug
60108H-EXT	8250	60819	8925-200	75000-C	5020	-72	Bronze Bucket
60108H-GRD	8165-50-A505	61000	8750 Ser.	75000-D	5030	-90	1/2" Fem. Copper Conn.
60108H-RT	8350	61030	8710	75000-E	5040	-91	1/2" Fem. Copper Union
60109H	8450	61040	8715	75000-F	5050	TRAPS & ACCESSORIES	
60109H-ET	CSE	61070	8795 Ser. 2-4" Sizes	75000-S	5205 Ser.	JOSAM	SMITH
60109H-RT	CSE	61080	8795 Ser. 4-6" Sizes	75000-S-AA	5201	88100	7219
60110-SA	8120GTX Ser.	61800	8910 SERIES	75000-S-A	5205	88210	3822
60110A	8120 Ser.	61805	8910-100	75000-S-B	5210	88210-8	3823
60110H	8460	61806	8910-200	75000-S-C	5220	88250	2699
60110H-ET	CSE	61807	8910-350	75000-S-D	5230	88250-91	2699-1
60110H-RT	CSE	61808	8910-500	75000-S-E	5240	88300	CSE
60115A	8120	BACKWATER VALVE OPTIONS		75000-S-F	5250	88400	2695Y-2
60115A-SA	8135GTX	JOSAM	SMITH EQUIV. or DESC	TRENCH DRAIN OPTIONS		88450	CSE
60117A	8135	-DH	Double Hub	JOSAM	SMITH EQUIV. or DESC	88550	2641
60210A	8450 Ser.	-LBV	-LBWV Less BWV	-EXT	Extension Section	88560	2645
60213A	8465	-VP	-U	-VP	-U Vandal Proof	88600	CSE
60214A	8470	-1	-NB	-1	-NB Nickel Bronze	88900	3955
60215A	8475	-2	-PB	-2	-PB Polished Bronze	88910	3950
60216A	8480	-4	Bronze Seat	-7	-M Ductile Grate	88950	9005 -NB
60217A	8490	-5	-G Galvanized	-8-2	All BRZ w/Satin Finish Top	88970	9020
GI-2000A	8165 Ser.	-10	Threaded Bronze Cover	-11	Convex Grate		
60306A	8165-25	-15	Open Flap	-30	-C Flashing Clamp		
60307A	8165-35	-25	-C Flashing Clamp	-40	-G Galvanized		
60308A	8165-50	-28	12" CI Extension & Stem	-70	-B Bucket		
60309A	CSE	-29	24" CI Extension & Stem	-70-40	Galvanized Bucket		
60310A	CSE	-30	2" AUX Inlet w/BRZ Plug	TRENCH DRAINS			
60311A	CSE	-35	-P050	JOSAM	SMITH		
60312A	CSE	BACKWATER VALVES		76000	2810 Ser.		
60313A	CSE	JOSAM	SMITH	76010	2710 Ser.		
60314A	CSE	67100A	7080	76300	2910 Ser.		
60315A	CSE	67360	7150	76400	2920 Ser.		
60500B	8510 Ser.	67400	7012Y	76500	2940 Ser.		
60503B	8510	67500	7012	76600	2950 Ser.		
60504B	8515	67500-10	7022	76700	2970 Ser.		
60505B	8520	67600	7012-10" & 12"	76800	2980 Ser.		
60506B	8525	67650	7000	MISC. PRODUCT OPTIONS			
60507B	8535	67720	7070	JOSAM	SMITH EQUIV. or DESC		
60508B	8550	67800	7070	-F4-93	Round Cast Iron Funnel		
60500-EST	8599 Ser. Up to 50 GPM	HYDRANT OPTIONS		-VP	-U Vandal Proof		
60503-EST-5	8599-10-5	JOSAM	SMITH EQUIV. or DESC	-1	-NB Nickel Bronze		
60503-EST-50	8599-10-50	-CP	-CP	-2	-PB Polished Bronze		
60504-EST-6	CSE	-50	-PB	-3	-CP Chrome Plated		
60504-EST-50	8599-15-50	-52	-PB	-41	-C Clamp		
60505-EST-8	CSE	-54	-NB	-42	Ground Screw		
60505-EST-50	8599-20-50	-72	-WC	-47	-G Galvanized		
60506-EST-50	8599-25-50	-73	-SS	OUTLETS			
60506-EST-100	8599-25-100	-74	-E	JOSAM	SMITH		
60507-EST-50	8599-35-50	-81	-H	-T	T Threaded Outlet		
60507-EST-100	8599-35-100	-91	-HC1	-X	L/LXH Speedi-Set Outlet		
60508-EST-50	8599-50-50	-95	-CL	-Z	Y NO-HUB Outlet		
60508-EST-100	8599-50-100	-97	-N				
60610A	8560 Ser.						
60610A-EST	8599 Ser 75 GPM & Up						
60611A	8560						
60611A-EST	8599-75-100						
60612A	8565						
60612A-EST	8599-100-250						