

Florida Department of Health - Environmental Health Bureau - Water Programs: Florida Code Compliant Drain Cover List that also meets ASME/ANSI A112.19.8, and/or APSP-Standard 16.

This document lists covers for main drains and skimmer equalizer lines that meet the maximum water velocity (1.5fps) allowed by Florida rule, 64E-9, Florida Administrative Code, *Public Swimming Pools and Bathing Places*, and the Florida Building Code section 454.1 and are certified to ASME/ANSI A112.19.8, and/or APSP-Standard 16 as required by the Virginia Graeme Baker Pool & Spa Safety Act of 2007 and meet the Florida Statutes s.514.0315. The Florida criteria only apply to public pools defined by Chapter 514, Florida Statutes. This list is not exhaustive and covers will be added as the Florida Department of Health becomes aware of additional certified covers. Revised 01-14-2020.

ATTENTION: * Drain covers that are highlighted in yellow were previously approved, but have been recalled May 26th, 2011 by the Consumer Product Safety Commission due to Incorrect ratings. See CPSCs website <http://apsp.org/safety/drain-cover-recall/drain-cover-recall-faq.aspx> for information about the recall. CPSC Recall hotline # 800-638-2772. This recall only affects Wading Pool, and in-Ground Spa Drain Covers; DOES NOT AFFECT SWIMMING POOLS.

VENDOR LIST

Manufacturer: Afras Industries, Inc, Bethesda, MD Life Span : 6 Years

Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
10058XXX	7.375" round	12.48	Floor 86, Wall 68	58	IAMPO	
10052XXX	7.375" round	12.48	Floor 86, Wall 68	58	IAMPO	
10064	7.375" round	12.48	Floor 86, Wall 68	58	IAMPO	
11064XXX	7.375" round	12.48	Floor 86, Wall 68	58	IAMPO	
11064AXXX	11.125" round	25.8	Floor 188, Wall 160	121	IAMPO	
11064ACXXX	12x12" square	25.8	Floor 188, Wall 160	121	IAMPO	
11064ADXXX	11.125" round	25.8	Floor 188, Wall 160	121	IAMPO	
11064ARXXX	11.125" round	25.8	Floor 188, Wall 160	121	IAMPO	

Manufacturer: Aquastar Pool Products, San Diego, CA Life Span : 5 Years

Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
4 HPXXX	4"X4"	5.2	56 Wall Only	24.4	IAPMO	XXX = denotes a color
6 HPHAXXX	6" round	10.4	Floor 177, Wall 122	224		
6 HP 1.5 INCH	6" round	11.4	Floor 122, Wall 177	53.6	1.5 INCH	
6 HPXXX 2 INCH	6" round	11.4	Floor 224, Wall 224	53.6	2 INCH	with SCW1027 (bushing kit)
8AVWRXXX	8" round	14.2	Floor 88, Wall 70	66.4 Floor or wall		
8FUWXXX	8" round	15.1	Floor 110, Wall 106	70.6 floor and wall	IAMPO	
8HPXXX	8" round	15.8	Floor 177, Wall 122	74.3 floor and wall	IAMPO	
9MFXXX	9" x 9"	36.8	Floor 258, Wall 274	172 F/W	UL	
8HPXXX - 2 INCH	8" round	15.8	Floor 224, Wall 224	74.3	2 INCH	
10AVR	10" round	11.2	Floor 166, Wall 96	53 floor and wall	IAMPO	
10AVWRXXX	10" round	16.3	Floor 206, Wall 96	76.2 floor and wall	IAMPO	
10LT	10" round	29.4	W/LID 60; W/O LID 125	w/lid 60; w/o lid 125	IAMPO	
10MFxxx	10"	31.3	Floor 158, Wall 162	146.3		
18MFXXX	18" X 18"	147.1	687.7 Floor only	687.7		
12MFXXX	13.5" X 13.5"	71.2	332.9 F/W	332.9		
1216XXX	16"X16"	101	Floor 460, Wall 445	445		16x16 is designed to fit 12x12 sump
24XXX	24" X 24"	352	1645.7 F/W	1645.7 F/W		
32CDFLVXXX	32" X 3"	25.9	Floor 316, Wall 208	121 F / W		
32CDVXXX-32"	32" X 4"	22.6	211	106		
32CDWXXX-32"	32" X 4"	22.6	211	106		
32DFLAC XXX-32"	32" X 4"	50.1	469	234		

Manufacturer: Aquastar Pool Products, San Diego, CA Life Span : 5 Years Continued

Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
32DFL XXX-32"	32" X 4"	25.9	242	121		
640-82xx	6" Round	10.2	47.53 Wall Only	47.63 GPM Wall Only	UL	
914XXX	14" X 14"	84	Floor 560, Wall 300	394		
A8RXXX	8" round	16	Floor 140, Wall 84	75 floor and wall	IAMPO	
A10RCFRXXX	10" round	31.5	170 F/W	147 floor and wall	IAMPO	
FCXXX	20" round	42	158 Floor Only	158 floor only	UL	
LP8AVWRXXX	8" round	13.1	Floor 100, Wall 70	61.2 floor and wall		
P9XXX	20" round	42	270 F/W	196.4 F/W	IAMPO	
P12xxx	12" x 12"	101	360 F/W	360		
P18xxx	20.25X20.25	160.8	740 F/W	740GPM Floor/Wall	IAMPO	XXX = denotes a color
R8HPXXX - 2 INCH	8" round	15.8	224 F/W	74.3	2 INCH	
R8MFXXX	8" Round	16.1	Floor 146, Wall 274	167.4 F/W		
R9MFXXX	9" X 9"	35.8	Floor 258, Wall 274	167.4 F/W		
R914XXX	9"x9"	84	Floor 560, Wall 300	395 F / 300 W		
R12MFXXX	12"X12"	69.1	323.1	323.1		
* NOTE: fits 8" opening, 10" diameter						
R1216XXX	16"X16"	101	Floor 460, Wall 445	445		
RLP8AU8XXX	8" round	7.7	Floor 100, Wall 70	36		
WAV9WRXXX	9" X 9"	48.4	150.9 F/W	224 F/W		
SUN18HPHxxx	18" x 18"	104.4	1000	490		
WAV12WRXXX	12"x12"	90.8	361 F/W	361	NSF	Redesigned with Vented Riser Ring
WAV18WRXXX	18"x18"	176.8	628	628	IAMPO	Riser Ring p/n 18RRxxx
WAV-24XXX	24" x 24"	340.8	1444	1444		
1836xxx	18" X 36"	358	2275 Floor/Wall	1674	UL	Life Span: 10 years
R1836xxx	18" X 36"	358	2275 Floor/Wall	1674	UL	Life Span: 10 years
4 RNDXXX (Recalled, but has replacement model - see comments)	4"X4"	4.3	72 Wall	20.2		RECALLED and replaced with a 6HPXXX with SCW1027 (bushing kit)
8AV-XXX	8" round	7.7	Floor 70, Wall 88	36		RECALL, Add a 8RRXXX
8CCXXX (Recalled, but has replacement model - see comments)	8" round	10.6	Floor 104, Wall 76	49		RECALL, changed to A8XXX, 8HPXXX, or 8AVXXX (with a vented riser ring)
10AVRCFRXXX	8"round"	11.2	Floor 206, Wall 96	52.6 W / F	W - Wall	RECALL, Add a 10AVRCFRXXX (vented riser ring)
10AV-XXX	10"round	11.2	Floor 206, Wall 96	52.6	F- floor	RECALL, Add a 10RRXXX (vented riser ring)
LP8AV-XXX	8" round	7.7	Floor 70, Wall 180	36		RECALL, Add a 8RRXXX, (vented riser ring)
RWAV9XXX (Recalled, but has replacement model - see comments)	9"x9"	44.2	224	207		RECALL, change to a R914XXX
SUN9XXX	9"x9"	19.7	Floor 212, Wall 128			RECALL, Add a 9RRXXX, (vented riser ring)
SUN12XXX	12" X 12"	35.3	280 F/W	166 floor/wall	Main drain	RECALL, Add a 12RRXXX
SUN 18XXX	18" x 18"	78.8	405 F/W	370 F / W		RECALL
WAV9XXX (Recalled, but has replacement model - see comments)	9"x9"	44.2	224	207		RECALL, change to a R914XXX
WAV12XXX	12"x12"	85.2	361	361		RECALL, Add a 12RRXXX (vented riser ring)
WAV18XXX	18" x 18"	176.8	628	628	ABS Frame w/ 4WAV9xxx	RECALL
Also recalled 10AVDOSBXXX						RECALL
Also recalled RFS12XXX						RECALL, Add a 10RRXXX (vented riser ring)
Also recalled RFS9XXX, LPRFS9XXX						RECALL
also recalled: 8SBXXX, 8SBACXXX, 8SBVXXX, 8CC100, A8XXX, LP8SBXXX, LP8SBACXXX, LP8SBVXXX, LP8MHXXX, RLP8AVXXX, RPL8SBXXX, RLP8SBACXXX						RECALL

Color Match Pool Fittings, Inc. Life Span : 5 Years

Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
8-AV-XXXX	8"	17.45	Floor 148, Wall 100	82	IAMPO	
10-AV-XXXX	10"	20.87	Floor 184, Wall 144	98	IAMPO	with 2" pipe wall max flow is 76
8-PTD-XXXX	8"	17.95	Floor 144, Wall 100	84	IAMPO	
10-PTD-XXXX	10"	21.7	Floor 180, Wall 144	102	IAMPO	

Current Systems Inc. Life Span : 7 Years

Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
RF125	18" X 23"	173.76	175	175	NSF	
RF127	20" X 44"	340.27	2032	1599	NSF	

Custom Molded Products, Tyrone, GA Life Span : 7 Years

Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
25200-202	5" round	12.36	172 F/W	58	UL	
25200-202	5" round	12.36	172 Wall Only	57.7212	UL	172GPM Spa Suction, Stainless Steel Cover
25201-00x	5" round	12.36	170 F/W	58	IAMPO/UL	
25201-00X	5" round	12.36	170 F/W	57.7212	UL/IAPMO	170GPM Spa Suction
25207-7XX	4" round	6.82	50 Wall Only	31.8494	IAPMO	50 GPM Equalizer Suction, 2" Insider
25207-8XX	4" round	6.82	50 Wall Only	31.8494	IAPMO	50 GPM Equalizer Suction, 1.5" MIP
25215-0xx	6" round	12.88	190 F/W	66.53	UL	
25215-0XX	6" round	12.88	175 F/W	60.1496	UL	175GPM Fiberglass Pool Suction
25506-32X-000	32 in channel	38.79	Center port plugged and outer ports open: 308 GPM (Floor) and 212 GPM; (Wall) when using 2.5" plumbing and 268 GPM (Floor) and 192 GPM (Wall) when using 2" plumbing; Outer ports plugged and the center port open: 200 GPM (Floor) and 168 GPM (Wall) when using 2.5" plumbing and 184 GPM (Floor) and 176 GPM (Wall) when using 2" plumbing.	181.1493	IAPMO	32" Channel Drain w/Body
25506-32x-020	32" channel drain cover	38.79	Rate depends on # of outlets - Floor only	182.3	IAMPO	
25506-32X-100	32 in channel	38.79	Center port plugged and outer ports open: 308 GPM (Floor) and 212 GPM; (Wall) when using 2.5" plumbing and 268 GPM (Floor) and 192 GPM (Wall) when using 2" plumbing; Outer ports plugged and the center port open: 200 GPM (Floor) and 168 GPM (Wall) when using 2.5" plumbing and 184 GPM (Floor) and 176 GPM (Wall) when using 2" plumbing.	181.1493	IAPMO	32" Channel Drain w/Frame
25507-xxx-000	4" round with equalizer suction cover	6.82	50	32	IAMPO	
25507-0xx-010	7.75 round	13.2	95 Floor Only	62	IAMPO	
25507-1xx-010	8" round	13.2	95 Floor Only	62	IAMPO	
25508-09XL	9x9in	38.9	120 F/W	181.663	IAPMO	Replaces 25508-09x; 9x9 Pool Drain
25508-09x	9"x9"	38.9	170 F/W	170	IAMPO	
25508-12XL	12x12in	70.8	232 F/W	330.636	IAPMO	Replaces 25508-12x; 12x12 Pool Drain
25508-18XL	18x18in	155.6	424 F/W	726.652	IAPMO	Replaces 25508-18x; 18x18 Pool Drain
25513-0XX	7.75in round	13.2	Floor 95, Wall 84	61.644	IAPMO	Galaxy drain w/sump & two 2" threaded outlets
25513-1XX	7.75in round	13.2	Floor 95, Wall 84	61.644	IAPMO	Galaxy drain w/sump & two 2" pipe outlets

Custom Molded Products, Tyrone, GA Life Span : 7 Years Continued

Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
25513 -4XX	7.75in round	17.03	1.5" = 118GPM (wall) / 140GPM (floor), 2" = 118 GPM (wall) / 150GPM (floor)	79.5301	IAPMO	Gunite Pool Main Drain Assembly, Nova Style Cover
25513 -5XX	7.75in round	17.03	1.5" = 118GPM (wall) / 140GPM (floor), 2" = 118 GPM (wall) / 150GPM (floor)	79.5301	IAPMO	Nova Cover / sump with two 2" threaded outlets
25513 -6XX	7.75in round	17.03	1.5" = 118GPM (wall) / 140GPM (floor), 2" = 118 GPM (wall) / 150GPM (floor)	79.5301	IAPMO	Nova Cover / sump and two 2" Pipe Outlets
25513 -26X	7.75in round	17.03	1.5" = 118GPM (wall) / 140GPM (floor), 2" = 118 GPM (wall) / 150GPM (floor)	79.5301	IAPMO	Gunite Pool Main Drain Assembly, Nova Style Cover
25514-0XX	8in round	13.2	Floor 95, Wall 84	61.644	IAPMO	Galaxy drain w/Sump & two 2" threaded outlets
25515-0XX	7.75in round	13.2	Floor 95, Wall 84	61.644	IAPMO	Galaxy drain w/sump & two 2" threaded outlets
25516-0XX	7.75in round	13.2	Floor 95, Wall 84	61.644	IAPMO	Galaxy drain w/sump & two 2" threaded outlets
25516 -4XX	7.75in round	17.03	1.5" = 118GPM (wall) / 140GPM (floor), 2" = 118 GPM (wall) / 150GPM (floor)	79.5301	IAPMO	Gunite Pool Main Drain Assembly, 3" port with Extension Collar, Nova Style Cover
25516 -5XX	7.75in round	17.03	1.5" = 118GPM (wall) / 140GPM (floor), 2" = 118 GPM (wall) / 150GPM (floor)	79.5301	IAPMO	Nova Cover / Sump and Two 2" Pipe Outlets
25516 -26X	7.75in round	17.03	1.5" = 118GPM (wall) / 140GPM (floor), 2" = 118 GPM (wall) / 150GPM (floor)	79.5301	IAPMO	Gunite Pool Main Drain Assembly, 2.5" port with Extension Collar, Nova Style Cover
25517 -5XX	7.75in round	17.03	1.5" = 118GPM (wall) / 140GPM (floor), 2" = 118 GPM (wall) / 150GPM (floor)	79.5301	IAPMO	Nova Cover / Sump and Two 1-1/2" Pipe Outlets
25519-0XX	8in round	13.2	Floor 95, Wall 84	61.644	IAPMO	Galaxy drain w/sump & two 2" threaded outlets
25531-0XX	8in round	13.2	Floor 95, Wall 84	61.644	IAPMO	Galaxy drain with mud ring
25537-0XX	8in round	13.2	Floor 95, Wall 84	61.644	IAPMO	Galaxy drain with mud ring
25539-0XX	7.75in round	13.2	Floor 95, Wall 84	61.644	IAPMO	Galaxy drain with mud ring
25539-1XX	7.75in round	13.2	Floor 95, Wall 84	61.644	IAPMO	Galaxy drain with mud ring
25539 -5XX	7.75in round	17.03	1.5" = 118GPM (wall) / 140GPM (floor), 2" = 118 GPM (wall) / 150GPM (floor)	79.5301	IAPMO	Nova Cover / stepped mud ring
25539 -6XX	7.75in round	17.03	1.5" = 118GPM (wall) / 140GPM (floor), 2" = 118 GPM (wall) / 150GPM (floor)	79.5301	IAPMO	Nova Cover / flat mud ring
25548-0XX	8in round	13.2	Floor 95, Wall 84	61.644	IAPMO	Galaxy drain with mud ring
25508-12x	12"x12"	70.8	385 F/W	332	IAMPO	RECALL
25508-18x	18"x18"	155.6	610 F/W	610	IAMPO	RECALL
25513-7XX	7.75in round	13.4	60 F/W	62.578	IAPMO	Classic drain w/Sump & Two 2" Threaded Outlets
25513-8XX	7.75in round	13.4	60 F/W	62.578	IAPMO	Classic drain w/Sump & Two 2" Pipe Outlets
25513-25X	7.75in round	13.4	60 F/W	62.578	IAPMO	Classic drain w/Sump & two 2.5" threaded outlets
25513-30X	7.75in round	13.4	60 F/W	62.578	IAPMO	Classic drain w/Sump & two 3" threaded outlets
25515-7XX	7.75in round	13.4	60 F/W	62.578	IAPMO	Classic drain w/Sump & Two 2" Pipe Outlets
25516-3XX	7.75in round	13.4	60 F/W	62.578	IAPMO	Classic drain w/sump & two 3" threaded outlets
25516-7XX	7.75in round	13.4	60 F/W	62.578	IAPMO	Classic drain w/Sump & Two 2" Pipe Outlets
25516-25X	7.75in round	13.4	60 F/W	62.578	IAPMO	Classic drain w/sump & two 2.5" threaded outlets
25517-7XX	7.75in round	13.4	60 F/W	62.578	IAPMO	Classic drain w/Sump & Two 1-1/2" Pipe Outlets
25539-7XX	7.75in round	13.4	60 F/W	62.578	IAPMO	Classic drain with Mud Ring
25539-7xx-010	7.75" round	13.4	146 F/W	63	IAPMO	RECALL
25539-8XX	7.75in round	13.4	60 F/W	62.578	IAPMO	Classic drain with Mud Ring
25548-7XX	7.75in round	13.4	60 F/W	62.578	IAPMO	Classic drain with Mud Ring
Also 25513-2xx, 25513-3xx, 25515-7xx, 25516-7xx, 25517-7xx, 25539-8xx, 25548-7xx						RECALL

Eureka Manuf Co., Bismark, SD Life Span : 8 Years on fiberglass 20 Years on steel

Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
AV 20X20	20"X20"	73.6	223	223	IAPMO	covers 12"x12" opening; All stainless steel
AV 26X26	26"X26"	108.9	495	495		covers 18"x18" opening
AV 32X32	32"X32"	144.3	675	675		covers 24"x24" opening
AV 44X44	44"X44"	209.1	975	975		covers 36"x36" opening

Hayward Industries, Inc., Elizabeth, NJ Life Span : 7 Years

Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
WGX1031BHF	9" x 9"	23.18	Floor 264, Wall 224	109 floor /wall		
WGX1031BHF	9"X9"	23.18	Floor 264, Wall 224	109 floor or wall		this grate was recalled and rerated as shown
WGX1031BLV	9" x 9"	45.82	Floor 190, Wall 108	190 floor/108 wall		
WGX1032BHF	12"x12"	41.07	Floor 515, Wall 308	193 floor /wall		
WGX1032BLV	12"x12"	83.2	Floor 392, Wall 260	391 floor/ 260 wall		
WGX1032HFPAK2	TWO WGX1031BHF 12"x12" GR	two @ 41.07 82.14 total	Floor 515, Wall 308 Each Grate	193 each / 386 for two		this grate was recalled and rerated as shown
WGX1032LVPAK2	TWO WGX1031BLV 12"x12" GR	83.30 each, 166.6 open area	392 floor / 260 wall each grate; both grates 784 / 520 both grates	391 floor / 260 wall for one; 782 floor / 520 wall for two		this grate was recalled and rerated as shown
WGX1033BHF	18"x18"	92.72	Floor 812, Wall 732	436 floor /wall		this grate was recalled and rerated as shown
WGX1033BLV	18"x18"	183.28	520 F/W	520 floor or wall		
WGX1033HFPAK2	TWO WGX1033BHF 18"x18" GR	92.72 each, 185.44 open area	812 floor / 732 wall each grate; both grates 1624 / 1464 both grates	436 floor or wall one; 872 for both		this grate was recalled and rerated as shown
WGX1033LVPAK2	TWO WGX1033BLV 18"x18" GR	183.28 each, 366.5659 open	520 floor or wall each grate; 1040 both grates	520 floor or wall each grate / 1040 both grates		this grate was recalled and rerated as shown
WG1048E	8" round	6.9	125.6	37.8	NSF	
WG1048EW	8" round	8.1	72	37.8		
WG1031B	9"x9"	17.81	112	83.7		RECALL
WG1032B	12"x12"	32.37	256	152		RECALL
WG1033B	18" x 18"	71.25	560	333		RECALL
WG1031 BHF	9"x9"	23.18	Floor 440, Wall 224	109	IAPMO	RECALL
WG1032 BHF	12"x12"	41.07	Floor 545, Wall 308	193	IAPMO	RECALL
WG1033 BHF	18"x18"	92.72	Floor 960, Wall 732	432	IAPMO	RECALL

Healix Enterprises Life Span : 20 Years on the grate, 10 years on the hardware.

Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
15X15	15"x15"	61.5	200 F/W	200 gpm wall or floor	IAPMO	STAINLESS-STEEL

Neptune-Benson, Ann Arbor, MI Life Span : 15 Years

Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
3030AEC	30" x 30"	128.21	Floor 1432, Wall 1120	600	NSF	

Lawson Aquatics, Inc., Naples, FL Life Span : 10 Years						
Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
MLD-SG-1212 - sump & grate	12"x12"	81.3	400	380	NSF	
MLD-SG-1818 - sump & grate	18" x 18"	183.1	816	816		
MLD-SG-0909	9"x9"	42.12	156	196.9		
MLD-FG-0909	9"x9"	42.12	156	156		
MLD-FG-1212	12"x12"	81.3	340	340		
MLD-FGD-1212	12"x12"	81.3	Floor 365, Wall 340	365 GPM Floor, 340 GPM Wall	NSF	
MLD-FG-1836	18" x 36"	343	1496	1496		
?	18" x 36"	343.44	Floor 2080, Wall 1496	1614		
MLD-SG-06-WT	6" round sump & grate	13.8	Floor 44, Wall 49	44		Skimmer Equalizer grate
MD-FG-2424	24" X 24"	216	812	812	NSF/IAPMO	
MLD-FGD-1818	18" x 18"	183.06	816	816		RECALL

New Water Solutions, aka DrainSafe, Palm Springs, FL Life Span : 3 Years						
Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
DS-360, M, & X (8")	5.5 to 8" with adaptor to 9 x 9		27	123	123	IAPMO

Paddock Pool Equip Co. Inc., Rock Hill, SC Life Span : N/A steel						
Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
1414ESMD w/2020PCDC	14" x 14"	122 est	1200	572		All stainless steel
1818ESMD w/2424PCDC	18" x 18"	185 est	1420	874	NSF	2 minimum, sump box married
2020PCDC	20" X 20"	122.15	1200	572		
2020PCGO	20" X 20"	122.15	980	572		
2040 ESMD/20	20" X 40"	244	1960	1145		Two 20x20 PCGO
2040 ESMD w/ two 2020PCGO	20" x 20"	243 est	1960	1145		
2040PCGO	20" X 40"	244.28	1960	1145		
2424PCDC	24" X 24"	186.6	1420	874		
2424PCFC	24" X 24"	212	915	915		
2448PCFC	24" X 48"	425.78	3500	1996		

Paramount Pool and Spa Systems, Chandler, AZ Life Span : 5 Years						
Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
SDX and SDX Retro		* change in open area		* flow change due to open area change		NOTE: change in FL Max Flow due to recalculation by DOH 3/11/10
MDX2	MDX SUMP	21.11	90	90		Will fit MDX2 or MDX Sump only-typically for new construction
XXX-162-2212-XX for concrete	10" round	20.25*	200	95*	IAPMO	XX = denotes color
XXX-182-2212-XX for fiberglass	10" round	20.25*	200	95*		
XXX-192-2212-XX Retro	10" round	20.25*	200	95*		

Pentair Water Pool and Spa, Inc., Sanford, NC Life Span : 7 Years						
Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
50010x	8" round	15.35	Floor 889, Wall 799	72	NSF	
50011x	8" round w/ sump	15.35	Floor 106, Wall 81	72		
50012x	8" round w/ sump	15.35	Floor 79, Wall 75	72		
50013x	8" round w/ sump	15.35	Floor 107, Wall 93	72		
50014x	8" round w/ sump	15.35	Floor 106, Wall 81	72		
Equalizer Suction Fitting Drains Model #: 500300, 500301, 500302, 500400, 500401, 500500, 500501, 500600, 500601. RECALL						
Square Drains with Sump Model #: 500430, 500421, 500410, 500430, 500431, 500510, 500511, 500530, 500540, 500610, 500520, 500521. RECALL						

Play-It-Safe Technologies, LLC, Winter Haven, FL Life Span : 20 Years

Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
600	21 3/8 x 26 3/8	251.1	920 gpm, floor only	600*	NSF	1) Must be bonded electronically; 2) Manufacturer indicates 600 gpm is max flow

Shasta Industries, dba A&A Mfgr., Phoenix, AZ Life Span : 7 Years

Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
Channel Drain 552921	31.5" x 7"	49.5 est	196	196	NSF	These channel drains are 'unblockable' drains

Triodyne Safety Systems, LLC, Glenview, IL Life Span : 7 Years

Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
TS-2800	8" round	9.7	68.8	45	NSF	

Waterway Plastics, Oakland, CA Life Span : 7 Years

Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
640-100XV	Clover Leaf	78.92	Floor 840, Wall 508	341.2	NSF	
640-100XV	10" Round	78.92	Floor 840, Wall 508	341.2	NSF	
640-479X	9" x 9"	43.6 x 59.2	Floor 289, Wall 209	208	UL	
640-479X V	9" x 9"	43.6	Floor 289, Wall 208	203	NSF	
640-477X V	18" x 18"	174.4	Floor 788, Wall 517	Floor 788, Wall 517	NSF	
640-130XV	Channel	37.7	288-352 Floor; 232-296 Wall	175	NSF	
640-130XV	Strip Drain 5x33.8	37.2	Floor One Port 288; Wall One Port 232	175	NSF	
640-130XV	Strip Drain 5x33.8	37.2	Floor Two Port 288; Wall Two Port 232	175	NSF	
640-132XV	Channel	37.7	288-352 Floor; 232-296 Wall	175	NSF	
640-132XV	Strip Drain 5x32.7	37.2	Floor One Port 288; Wall One Port 199	175	NSF	
640-132XV	Strip Drain 5x32.7	37.2	Floor Two Port 352; Wall Two Port 296	175	NSF	
640-134XV	Strip Drain 5x33.8	24	Floor One Port 280; Wall One Port 216	110	NSF	
640-134XV	Strip Drain 5x33.8	24	Floor Two Port 320; Wall Two Port 240	110	NSF	
640-135XV	Strip Drain 5x33.8	24	Floor One Port 280; Wall One Port 216	110	NSF	
640-135XV	Strip Drain 5x33.8	24	Floor Two Port 320; Wall Two Port 240	110	NSF	
640-136XV	Strip Drain 3.8x32.7	24	Floor One Port 280; Wall One Port 216	110	NSF	
640-136XV	Strip Drain 3.8x32.7	24	Floor Two Port 320; Wall Two Port 240	110	NSF	
640-137XV	Strip Drain 4.3x33.2	24	Floor One Port 280; Wall One Port 216	110	NSF	
640-137XV	Strip Drain 4.3x33.2	24	Floor Two Port 320; Wall Two Port 240	110	NSF	
640-180XV	8" Round	14.8	Floor 153, Wall 96	68	NSF	
640-190XV	10" Round	30.9	Floor 200, Wall 136	143		
640-212XV	10" Round	20.4	Floor 224, Wall 192	95	NSF	
640-213XV	10" Round	20.4	Floor 224, Wall 192	95	NSF	
640-214XV	10" Round	20.4	Floor 224, Wall 192	95	NSF	
640-231XV	8" Round	11.83	Floor 100, Wall 64	55	UL	
640-349xv	3.5 round	6.24	1600 Wall Only	29	UL	Protrudes from wall
640-349X-V	3.5" Round	6.24	120 Wall Only	29 wall only	UL	
640-358X V	5" round	9.02	76	42	UL	
640-472XV and 0V	12" X 12"	62.4	Floor 356, Wall 280	292	UL	
640-4740V	12x12	62.4	Floor 356 Wall 280	293	UL	
640-476xv	24x24	249.6	Floor 2035	1168	NSF	

Waterway Plastics, Oakland, CA Life Span : 7 Years Continued						
Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
640-477X V	18" X 18"	174.4	Floor 788, Wall N/A	812	UL	
640-479XV	9" x 9"	43.6	Floor 289, Wall 208	203	UL	
640-801V	5.11" round		164 Wall Only	42	UL	Skimmer Equalizer grate
640-803V	5.11" round	9.02	106 Wall Only	42	UL	
640-311XV	10"	14.34	100	67	UL	RECALL
640-470	9" X 9"	39.9	Floor 289, Wall 198	187	UL	RECALL
640-470XV	9X9	39.9	Floor 289, Wall 198	186	UL	RECALL
640-475X V	18" X 18"	159.6	540	540	UL	RECALL
640-81XXV	8" round	8.34	Floor 192 Wall 92	39	UL	RECALL

World Wide Sports, LLC, St. Louis, MO						
Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
Star 100	8" round	24	80	80	IAPMO	

NOTES:	
G/G Industries, Valencia, CA Hydroair, Unit of ITT, Santa Ana, CA,	Did not respond to inquiry and Website did not show anything applicable to public pools
ICON Health and Fitness, Inc., Logan, UT	Indicated no drain covers meet ASME 112.19.8 Indicated no drain covers meet ASME 112.19.8
ITT Marlow, Div of ITT Fluid Technology Corp., Midland Park, NJ	Company only sells fittings for jetted bathtub manufacturers, none applicable to public pools Indicated no drain covers meet ASME 112.19.8
Jason International Inc., North Little Rock, AR	Indicated no drain covers meet ASME 112.19.8
Nuwhirl Systems Corp., Santa Ana, CA	Did not respond to inquiry and Website did not show anything applicable to public pools
C G Air Systems Inc., Ste-Marguerite, Quebec, Canada Current Systems, Inc., Calabasas, CA Facility: Dunnellon, FL Hydrabaths, Santa Ana, CA	Did not respond to inquiry and Website did not show anything applicable to public pools
Universal White Cement Company, Inc., Glendale, AZ	Did not respond to inquiry and Website did not show anything applicable to public pools
VICO Products Mfg. Co., South El Monte, CA	Did not respond to inquiry and Website did not show anything applicable to public pools
Manufacturer's should email evidence regarding their lab test approval and specs listed above to bob.vincent@flhealth.gov	