

Florida Department of Health - Environmental Health Division - Bureau of Water Programs Florida Code Compliant Drain Cover List that also meets ASME/ANSI A112.19.8-2007

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 are certified to ASME/ANSI A112.19.8-2007, as required by the Virginia Graeme Baker Pool & Spa Safety Act of 2007. 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.

ATTENTION: * Drain covers that are highlighted in yellow were previously approved, but have been recalled May 26th by the Consumer Product Safety Commission due to Incorrect ratings. See CPSCs website <http://www.apsp.org/Public/Safety/DrainCoverRecall/> for information about the recall. CPSC Recall hotline # 800-638-2772.

VENDOR LIST

Manufacturer: Aquastar Pool Products, San Diego, CA

Model	Size	Open Area	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
4 Inch						
4 HPXXX	4"X4"	5.2	56 W	24.4	IAPMO	XXX = denotes a color RECALL
4 RNDXXX	4"X4"	4.3	72 W	20.2		
6 Inch						
6 HPXXX 2 INCH	6" round	11.4	224 W/F	53.6	2 INCH 1.5 INCH	
6 HP 1.5 INCH	6" round	11.4	177 W / 122 F	53.6		
8 Inch						
LP8AV-XXX	8" round	7.7	180 W / 70 F	36		RECALL
8AV-XXX	8" round	7.7	88 W / 70 F	36		RECALL
R8HPXXX - 2 INCH	8" round	15.8	224 F/W	74.3	2 INCH 2 INCH	
8HPXXX - 2 INCH	8" round	15.8	224 F/W	74.3		
RLP8AU8XXX	8" round	7.7	100 F / 70 W	36		RECALL
8CCXXX	8" round	10.6	104 F / 76 W	49		
also recalled: 8SBXXX, 8SBACXXX, 8SBVXXX, 8CC100, A8XXX, LP8SBXXX, LP8SBACXXX, LP8SBVXXX, LP8MHXXX, RLP8AVXXX, RPL8SBXXX, RLP8SBACXXX						
9 Inch						
WAV9XXX	9"x9"	44.2		224 207		RECALL
RWAV9XXX	9"x9"	44.2		224 207		RECALL
R914XXX	9"x9"	84	560F / 300 W	300 W / 395 F		RECALL
SUN9XXX	9"x9"	19.7	212 F / 128 W	92 W/F		
Also recalled RFS9XXX, LPRFS9XXX						
10 Inch						
10AV-XXX	10"round	11.2	206F / 96 W	52.6	RECALL RECALL	F - Floor W - Wall
10AVRCFRXXX	8"round*	11.2	206F / 96 W	52.6 W / F		
* NOTE: fits 8" opening, 10" diameter						
Also recalled 10AVDOSBXXX						
12 Inch						
WAV12XXX	12"x12"	85.2		361 361		RECALL
WAV12WRXXX	12"x12"	90.8	361 floor/wall	361		NSF
SUN12XXX	12" X 12"	35.3	280 floor/wall	166 floor/wall	Main drain	RECALL
Also recalled RFS12XXX						
16 Inch						

1216XXX	16"X16"	101	460 floor/445 wall	445
R1216XXX	16"X16"	101	460 floor/445 wall	445
18 Inch				
WAV18XXX	18" x 18"	176.8	628	628
SUN18HPHxxx	18" x 18"	104.4	1000	490
SUN 18XXX	18" x 18"	78.8	405 F / W	370 F / W
Also SUNA18XXX				
24 Inch				
WAV-24XXX	24" x 24"	340.8	1444	1444
32 Inch				
32DFLAC XXX-32"	32" X 4"	50.1	469	234
32DFL XXX-32"	32" X 4"	25.9	242	121
32CDVXXX-32"	32" X 4"	22.6	211	106
32CDWXXX-32"	32" X 4"	22.6	211	106
32CDFLVXXX	32" X 3"	25.9	316F / 208 W	121 F / W

16x16 is designed to fit 12x12 sump

ABS Frame w/ 4WAV9xxx RECALL

RECALL
RECALL

Current Systems Inc.

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

Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
25539-7xx-010	7.75" round	13.4	146 floor and wall	63	IAPMO	RECALL
25507-1xx-010	8" round	13.2	95 floor only	62	IAMPO	
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	
25506-32x-020	32" channel drain cover	38.79	Rate depends on # of outlets - Floor only	182.3	IAMPO	
25508-12x	12"x12"	70.8	385 gpm floor or wall	332	IAMPO	RECALL
25508-18x	18"x18"	155.6	610 gpm floor or wall	610	IAMPO	RECALL
25201-00x	5" round	12.36	170 gpm floor or wall	58	IAMPO/UL	
25200-202	5" round	12.36	172 gpm floor or wall	58	UL	
25215-0xx	6" round	12.88	190 gpm floor or wall	66.53	UL	
25508-09x	9"x9"	38.9	170 Floor or wall	170	IAMPO	

Also 25513-2xx, 25513-3xx, 25515-7xx, 25516-7xx, 25517-7xx, 25539-8xx, 25548-7x)

RECALL

Eureka Manuf Co., Bismark, SD

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 covers 18"x18" opening covers 24"x24" opening covers 36"x36" opening
AV 26X26	26"X26"	108.9		495 495		
AV 32X32	32"X32"	144.3		675 675		
AV 44X44	44"X44"	209.1		975 975		

Hayward Industries, Inc., Elizabeth, NJ

Model	Open Area (sq. in.)	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
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	440 floor / 224 wall	109	IAPMO	RECALL
WG1032 BHF	12"x12"	41.07	545 floor / 308 wall	193	IAPMO	RECALL
WG1033 BHF	18"x18"	92.72	960 floor / 732 wall	432	IAPMO	RECALL
WG1031BHF	9" x 9"	23.18	264 floor / 224 wall	109 floor / wall		
WG1031BLV	9" x 9"	45.82	190 floor / 108 wall	190 floor/108 wall		
WG1032BHF	12"x12"	41.07	515 floor / 308 wall	193 floor / wall		
WG1032BLV	12"x12"	83.2	392 floor / 260 wall	391 floor/ 260 wall		
						this gate was recalled and rerated as shown
WG1033BHF	18"x18"	92.72	812 floor / 732 wall	436 floor / wall		
WG1033BLV	18"x18"	183.28	520 floor or wall	520 floor or wall		

WG1032HFPAK2	TWO WGX1031BHF 12"X12" GR, two @ 41.07 82.14 total	515 floor / 308 wall each grate	193 each / 386 for two	this gate was recalled and rerated as shown
WG1032LVPAK2	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 gate was recalled and rerated as shown
WG1033HFPAK2	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 gate was recalled and rerated as shown
WG1033LVPAK2	TWO WGX1033BLV 18"X18" GR, 183.28 each, 366.5659 open area	520 floor or wall each grate; 1040 both grates	520 floor or wall each grate / 1040 both grates	this gate was recalled and rerated as shown
WG1031BHF	9"X9"	23.18	264 floor/224 wall	109 floor or wall

Healix Enterprises						
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 gpm wall or floor	200 gpm wall or flo	IAPMO	STAINLESS-STEEL

Neptune-Benson, Ann Arbor, MI						
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	1432	600	NSF	

Lawson Aquatics, Inc., Naples, FL						
Model	Size	updated 4/7/10 (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	NSF	Skimmer Equalizer grate
MLD-SG-1818 - sump & grate	18" x 18"	183.1		816		
MLD-FG-0909	9"x9"	42.12		156		
MLD-FG-1212	12"x12"	81.3		340		
MLD-FGD-1212	12"x12"	81.3	365 GPM Floor, 340 GPM Wall	365 GPM Floor, 340 GPM Wall	NSF	
MLD-FGD-1818	18" x 18"	183.06		816		
MLD-FG-1836	18" x 36"	343		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		
MD-FG-2424	24" X 24"	216		812	NSF/IAPMO	

New Water Solutions, aka DrainSafe, Palm Springs, FL						
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		27123	123	IAPMO	

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

Paramount Pool and Spa Systems, Chandler, AZ						
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	IAPMO	NOTE: change in FL Max Flow due to recalculation by DOH 3/11/10 XX = denotes color
XXX-162-2212-XX for concrete	10" round	20.25*	200	95*		
XXX-182-2212-XX for fiberglass	10" round	20.25*	200	95*		
XXX-192-2212-XX Retro	10" round	20.25*	200	95*		
MDX2	MDX SUMP	21.11	90	90		Will fit MDX2 or MDX Sump only-typically for new construction

Pentair Water Pool and Spa, Inc., Sanford, NC						
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	889 floor 799 wall	72	NSF	
50011x	8" round w/ sump	15.35	106 floor 81 wall	72		
50012x	8" round w/ sump	15.35	79 floor 75 wall	72		
50013x	8" round w/ sump	15.35	107 floor 93 wall	72		
50014x	8" round w/ sump	15.35	106 floor 81 wall	72		
Equalizer Suction Fitting Drains Model #s: 500300, 500301, 500302, 500400, 500401, 500500, 500501, 500600, 500601.						RECALL
Square Drains with Sump Model #s: 500430, 500421, 500410, 500430, 500431, 500510, 500511, 500530, 500540, 500610, 500520, 500521.						RECALL

Shasta Industries, dba A&A Mfgr., Phoenix, AZ						
Model	Size	Open Area	ASME	Florida Max Flow	Testing	Comments

		(sq. in.)	Rated Flow, gpm	in gpm at 1.5 fps	Lab	
Channel Drain 552921	31.5"x 7"	49.5 est		196	196	NSF
						These channel drains are 'unblockable' drains

Triodine Safety Systems, LLC, Glenview, IL

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

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 V	9" x 9"	43.6	Floor 289, Wall 208	203	NSF	
640-477X V	18" x 18"	174.4	Floor 788, Wall 517	812	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	
640-212XV	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	224 floor 192 wall	95	NSF	
640-214XV	10" Round	20.4	Floor 224, Wall 192	192	NSF	
640-231XV	8"	11.83		100	55	UL

640-311XV	10"	14.34	100	67	UL	RECALL	
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	
640-470	9" X 9"	39.9	289 floor / 198 wall	187	UL	RECALL	
640-470XV	9X9	39.9	Floor 289, Wall 198	186	UL	RECALL	
640-472XV	12" X 12"	62.4	356 floor / 280 wall	292	UL		
640-472XV	12x12	62.4	Floor 356 Wall 280	293	UL		
640-475X V	18" X 18"	159.6		540	540	UL	RECALL
640-476xv	24x24	249.6		2035	1173	NSF	
640-801V	5.11" round	9.02	164 wall only	42	UL	Skimmer Equalizer grate	
640-803V	5.11" round	9.02	106 wall only	42	UL		
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

G./G Industries, Valencia, CA Hydroair, Unit of ITT, Santa Ana, CA ICON Health and Fitness, Inc., Logan, UT ITT Marlow, Div of ITT Fluid Technology Corp., Midland Park, NJ Jason International Inc., North Little Rock, AR Nuwhirl Systems Corp., Santa Ana, CA	Did not respond to inquiry and Website did not show anything applicable to public pools Did not respond to inquiry and Website did not show anything applicable to public pools Did not respond to inquiry and Website did not show anything applicable to public pools Did not respond to inquiry and Website did not show anything applicable to public pools 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 Universal White Cement Company, Inc., Glendale, AZ VICO Products Mfg. Co., South El Monte, CA	Indicated no drain covers meet ASME 112.19.8 Indicated no drain covers meet ASME 112.19.8 Company only sells fittings for jetted bathtub manufacturers, none applicable to public pools Indicated no drain covers meet ASME 112.19.8 Indicated no drain covers meet ASME 112.19.8
Manufacturer's should email evidence regarding their lab test approval and specs listed above to bob_vincent@doh.state.fl.us	