

**Florida Department of Health - Environmental Health Division - Bureau of Water Programs
Florida Approved Main Drain Cover List that meets ASME/ANSI A112.19.8-2007**

This document lists covers for main drains that meet Florida rule, 64E-9, Florida Administrative Code, and are certified to ASME/ANSI A112.19.8-2007, as required by the Virginia Graeme Baker Pool & Spa Safety Act of 2007. This list is not exhaustive and covers will be added as the Florida Department of Health becomes aware of additional certified covers

updated 3/15/10

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Manufacturer: Aquastar Pool Products, San Diego, CA

Model	Size	Open Area (sq. in.)	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/F	24.4	IAPMO	XXX = denotes a color		
4 RNDXXX	4"X4"	4.3	72 W/F	20.2				
6 Inch								
6 HPXXX	6" round	11.4	224 W/F	53.6				
8 Inch								
LP8AV-XXX	8" round		152	< 50				
8AV-XXX	8" round		180	< 50				
R8HPXXX	8" round	15.8	224 F/W	74.3				
8HPXXX	8" round	15.8	224 F/W	74.3				
RLP8AU8XXX	8" round	7.7	100 F / 70 W	36				
8CCXXX	8" round	10.6	48					
LP8MHXXX	8" round							
9 Inch								
WAV9XXX	9"x9"	44.2	224	207				
RWAV9XXX	9"x9"	44.2	224	207				
R914XXX	9"x9"	84	560F / 300 W	300 W / 395 F				
SUN9XXX	9"x9"	19.7	212 F / 128 W	92 W/F				
R914	9"x9"	84	560 F / 300 W	300 W / 395 F				
10 Inch								
10AV-XXX	10"round	11.2	206	52.6				
10AVRCFRXXX	8"round*	11.2	206F / 96 W	52.6 W / F				
* NOTE: fits 8" opening, 10" diameter								
12 Inch								
WAV12XXX	12"x12"	85.2	361	361				
RWAV12XXX	12"x12"	85.2	361	361		ABS Frame w/ 4WAV9xxx Main drain		
SUN12XXX	12" X 12"	35.3	180 floor/wall	166 floor/wall				
16 Inch								
1216XXX	16"X16"	101	460 floor/445 wall	445		16x16 is designed to fit 12x12 sump		
R1216XXX	16"X16"	101	460 floor/445 wall	445				
18 Inch								
WAV-18XXX	18" x 18"	176.8	628	628		S.S. Frame w/ 4WAV12xxx		
SU8N 18XXX	18" x 18"	78.8	405 F / W	370 F / W				
24 Inch								
WAV-24XXX	24" x 24"	340.8	1444	1444				
24XXX	24" x 24"		1531					
32 Inch								
32DFLAC XXX-32"	32" X 5"	50.1	469	234				
32DFL XXX-32"	32" X 32"	25.9	242	121				
32CDVXXX-32"	32" X 32"	22.6	211	106				
32CDWXXX-32"	32" X 32"	22.6	211	106				
32CDFLVXXX	32" X 32"	25.9	316F / 208 W	121 F / W				

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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
640-231XV	8"	11.83	100	55	UL	Skimmer Equalizer grate
640-311XV	10"	14.34	100	67		
640-349X-V	3.5" Round	6.24	120 wall only	29 wall only		
640-472XV	12" X 12"	62-4	356	292		
640-470-VX	9" X 9"	39.9	289	187		
640-358X V	5" round	9.02	76	42		
640-475X V	18" X 18"	159.6	540	540		
640-801V	5.11" round	9.02	164 wall only	42		
640-803V	5.11" round	9.02	106 wall only	42		
640-349xv	3.5 round	6.24	1600 wall only	29	UL NSF	Protrudes from wall
640-476xv	24x24	249.6	2035	11736		

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	

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Shasta Industries, dba A&A Mfgr., Phoenix, AZ

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

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		

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"					Two 20x20 PC90

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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 Fla Approved Flow due to error in Open Area 3/11/10 XX = denotes color Sump only- typically for new construction
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		

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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	27	123	123	IAPMO	

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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	

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Lawson Aquatics, Inc., Naples, FL

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	Skimmer Equalizer grate
MLD-SG-1818 - sump & grate	18" x 18"	183.1	816	816		
MLD-FG-0909	9"x9"	42.12	156	156		
MLD-FG-1212	12"x12"	81.3	340	340		
MLD-FGD-1818	18" x 18"	183.06	816	816		
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	NSF/IAPMO	
MD-FG-2424	24" X 24"	216	812	812		

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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 floor	IAMPO	STAINLESS-STEEL

Hayward Industries, Inc., Elizabeth, NJ

Model	Size	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		
WG1032B	12"x12"	32.37	256	152		
WG1033B	18" x 18"	71.25	560	333		
WG1031 BHF	9"x9"	23.18	440 floor / 224 wall	109	IAMPO	
WG1032 BHF	12"x12"	41.07	545 floor / 308 wall	193	IAMPO	
WG1033	18"x18"	92.72	960 floor / 732 wall	432	IAMPO	

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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	IAMPO	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 "

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Current Systems Inc.

Model	Size	Open Area	ASME	Florida Max Flow	Testing	Comments
RF125	18" X 23"	173.76	175	175	NSF	
RF127	20" X 44"	340.27	2032	1599	NSF	

Custom Molded Products, Tyrone, GA

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Model	Size	Open Area (sq. in.)	ASME Rated Flow, gpm	Florida Max Flow in gpm at 1.5 fps	Testing Lab	Comments
25508-12x	12"x12"	35.65	220	167	UL	220 GPM 12X12 Pool Drain
25201-xxx	5" round	12.36	170	58	UL	170 GPM Spa Suction
25200-2xx	5" round	12.36	172	58	UL	172 GPM Spa Suction
25215-xxx	6" round	12.88	190	60	UL	190 GPM Spa Suction
25508-09x	9"x9"	38.9	170 floor or wall	170	IAMPO	
25508-18x	18"x18"	155.6	610 floor or wall	610	IAMPO	
25539-70x	7.5" round	13.4	146	62	IAMPO	With Mud Ring (146 GPM)
25539-80x	7.5" round	13.4	146	62	IAMPO	With Mud Ring (146 GPM)
25548-70x	7.5" round	13.4	146	62	IAMPO	With Mud Ring (146 GPM)
25513-70x	7.5" round	13.4	146	62	IAMPO	With Sump and Two 2" Threaded Outlets (146 GPM)
25513-80x	7.5" round	13.4	146	62	IAMPO	With Sump and Two 2" Pipe Outlets (146 GPM)
25515-70x	7.5" round	13.4	146	62	IAMPO	With Sump and Two 2" Pipe Outlets (146 GPM)
25516-70x	7.5" round	13.4	146	62	IAMPO	With Sump and Two 2" Pipe Outlets (146 GPM)
25517-70x	7.5" round	13.4	146	62	IAMPO	With Sump and Two 1.5" Pipe Outlets (146 GPM)

G./G Industries, Valencia, CA Did not respond to inquiry and Website did not show anything applicable to public pools
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 Did not respond to inquiry and Website did not show anything applicable to public pools
ITT Marlow, Div of ITT Fluid Technology (Did not respond to inquiry and Website did not show anything applicable to public pools
Jason International Inc., North Little Rock Did not respond to inquiry and Website did not show anything applicable to public pools
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, Qu Indicated no drain covers meet ASME 112.19.8
Current Systems, Inc., Calabasas, CA Fz Indicated no drain covers meet ASME 112.19.8
Hydrabaths, Santa Ana, CA Company only sells fittings for jetted bathtub manufacturers, none applicable to public pools
Universal White Cement Company, Inc., (Indicated no drain covers meet ASME 112.19.8
VICO Products Mfg. Co., South El Monte, 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