

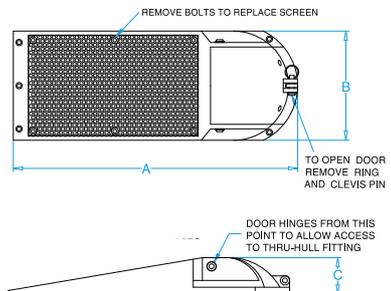
# HULL STRAINERS WITH ACCESS DOORS

U.S. PATENT NO. 6,009,823

## THE CONCEPT

Access to the thru-hull fitting and seacock beneath GROCO® hull strainers is made easy with the patented access door design. Now there is no need to remove the entire strainer to clear nuisance marine growth.

## APHS SERIES - PERFORATED HULL STRAINER

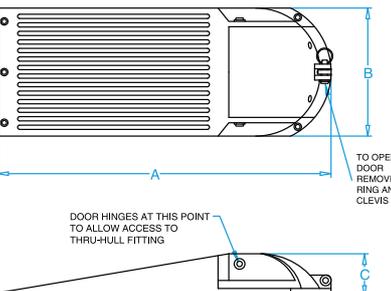


Aluminum models may be welded or screwed to aluminum hulls.

MODEL PERF DIA. .077"	MODEL PERF DIA. .125"	MODEL PERF DIA. .188"	MAX T-HULL	A	B	C	SCREWS	PKG	Ratio of Open Area to Pipe Size								
									1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
APHS-1250-1	APHS-1250-2	APHS-1250-3	1-1/4"	7.00	3.38	1.50	4 #10	4	18.1	8.1	4.5	2.9	-	-	-	-	-
APHS-2000-1	APHS-2000-2	APHS-2000-3	2"	10.25	4.38	1.63	5 #10	4	51.2	22.8	12.8	8.2	5.7	3.2	-	-	-
APHS-3000-1	APHS-3000-2	APHS-3000-3	3"	15.38	6.00	2.00	5 #10	2	119.3	53.0	29.8	19.1	13.3	7.5	4.7	3.3	-
APHS-6000-1	APHS-6000-2	APHS-6000-2	4"	20.25	11.00	4.00	9 #12	2	288.8	128.3	367.8	46.2	32.1	18.1	11.6	8.0	4.5

Dimensions and ratios for aluminum models are identical to bronze models. Add suffix AL for aluminum models, i.e., APHS-1250-(X) AL (X = Perf Designator).

## ASC SERIES - SLOTTED HULL STRAINER

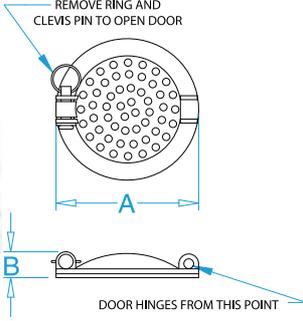


Aluminum models may be welded or screwed to aluminum hulls.

BRONZE MODEL	ALUMINUM MODEL	MAX T-HULL	A	B	C	SCREWS	PKG	Ratio of Open Area to Pipe Size								
								1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ASC-1250	ASC-1250-AL	1-1/4"	7.00	3.38	1.50	4 #10	4	26.5	11.8	6.6	4.3	-	-	-	-	-
ASC-2000	ASC-2000-AL	2"	10.25	4.38	1.63	5 #10	4	61.1	27.2	15.3	9.8	6.8	3.8	-	-	-
ASC-3000	ASC-3000-AL	3"	15.38	6.00	2.00	5 #10	2	129.1	57.4	32.3	20.7	14.4	8.1	5.2	3.6	-
ASC-6000	ASC-6000-AL	4"	20.25	11.00	4.00	9 #12	2	324.5	144.2	81.1	51.9	36.1	20.3	13.0	9.0	5.1

Dimensions and ratios for aluminum models are identical to bronze models. Add suffix -AL for aluminum models.

## RSC SERIES - ROUND HULL STRAINER

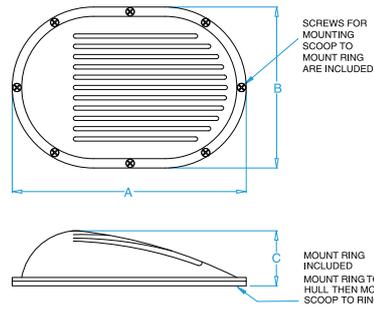


Aluminum models may be welded or screwed to aluminum hulls.

BRONZE MODEL	ALUMINUM MODEL	MAX T-HULL	A	B	C	SCREWS	PKG	Ratio of Open Area to Pipe Size								
								1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
RSC-1000	RSC-1000 AL	1"	3.63	0.56	-	4 #10	4	5.8	2.6	1.4	-	-	-	-	-	-
RSC-2000	RSC-2000 AL	2"	5.20	0.83	-	4 #10	4	15.0	6.7	3.8	2.4	1.7	0.9	-	-	-
RSC-2500-L		2.5"	5.60	1.00	-	6 #10	4	161:1	10.6:1	6.0:1	3.8:1	2.6:1	-	-	-	-
RSC-4000	RSC-4000 AL	4"	9.00	1.30	-	4 #10	2	46.7	20.8	11.7	7.5	5.2	2.9	1.9	1.3	0.7

Dimensions and ratios for aluminum models are identical to bronze models. Add suffix -AL for aluminum models. RSC-2500-L does not have an access door.

## SC SERIES - SLOTTED STRAINER WITH MOUNT RING



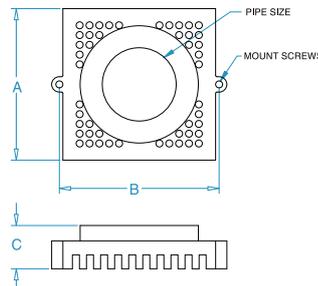
SC Series provides coarse primary filtration. SC hi-flow sizes (shaded versions below) provide greater flow and less restriction. SC-4300 is available now; smaller sizes available soon. All models are available with or without the mount ring.

BRONZE LESS RING	BRONZE WITH RING	ALUMINUM LESS RING	ALUMINUM WITH RING	MAX T-HULL	A	B	C	SCREWS	PKG	Ratio of Open Area to Pipe Size								
										1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
SC-1000-L	SC-1000	SC-1000-L AL	SC-1000 AL	1"	5.25	3.62	1.25	6 #10	2	13.4	6.0	3.3	-	-	-	-	-	-
SC-1075-L	SC-1075	-	-	1"	5.25	3.62	1.25	6 #10	2	-	-	-	-	-	-	-	-	-
SC-1500-L	SC-1500	SC-1500-L AL	SC-1500 AL	1-1/2"	6.82	4.70	1.50	6 #10	2	20.2	9.0	5.0	3.2	2.2	-	-	-	-
SC-1512-L	SC-1512	-	-	1-1/2"	6.82	4.70	1.50	6 #10	2	-	-	-	-	-	-	-	-	-
SC-2500-L	SC-2500	SC-2500-L AL	SC-2500 AL	2-1/2"	8.50	6.00	2.00	6 #10	2	36.0	16.0	9.0	5.8	4.0	2.2	1.4	-	-
SC-2520-L	SC-2520	-	-	2-1/2"	8.50	6.00	2.00	6 #10	2	-	-	-	-	-	-	-	-	-
SC-4000-L	SC-4000	SC-4000-L AL	SC-4000 AL	4"	12.50	8.62	2.75	8 #10	2	109.0	48.4	27.2	17.4	12.1	6.8	4.4	3.0	1.7
SC-4300-L	SC-4300	-	-	4"	12.50	8.62	2.75	8 #10	2	176.0	78.2	43.9	28.2	19.6	11.0	7.0	4.9	2.8

Dimensions and ratios for aluminum models are identical to bronze models.

## BS SERIES - BILGE STRAINER

- Use for preventing large debris in the bilge area from entering bilge pumps.
- Ideal for use with GROCO® SBV-P series Safety Seacock with side port.
- Threaded NPT for use with straight or 90° pipe to hose adaptors.



MODEL	NPT SIZE	A	B	C	USE WITH SBV-P MODEL	PKG
BS-750	3/4"	1.88"	2.13"	2.00"	-	1
BS-1000	1"	1.88"	2.13"	2.00"	SBV-1250-P	1
BS-1250	1-1/4"	3.40"	3.63"	2.00"	SBV-1500-P	1
BS-1500	1-1/2"	3.40"	3.63"	2.00"	SBV-2000-P	1
BS-2000	2"	5.25"	3.63"	2.00"	SBV-2500-P	1
BS-2500	2-1/2"	5.25"	3.63"	2.00"	SBV-3000-P	1
BS-3000	3"	5.25"	3.63"	2.00"	SBV-4000-P	1

## SW-2531 SPANNER WRENCH/DECK PLATE KEY

- Among the features of ARG, SS, SD and BVS series strainers are provisions on the strainer cap for the use of a spanner wrench to loosen the cap before or after maintenance. Hand-tight is a sufficient seal for GROCO® strainers with threaded caps, but some boaters may prefer to "snug" the cover beyond hand-tight. NOTE: Do not use SW-2531 to tighten non-metallic caps.
- Cast bronze with stainless steel pins to fit 1/4" and 5/16" holes.
- Opens to service deck plates or strainer caps with key holes up to 7" apart.
- Hangs conveniently near the strainer(s) location.
- Package quantity is nine (9).

