

# GROCO RAW WATER STRAINERS

CONTENTS

## ARG SERIES

### Features:

- No tie rods
- No leaks under pressure or vacuum
- The unique mounting system allows for the removal of the entire strainer without the use of tools
- Monel filter basket
- Bronze castings
- Buna-N o-ring seals at strainer cap and between strainer head and sight glass
- The screw-on strainer cap allows for easy no-tools maintenance
- Standard filter basket has .077" holes; 60 x 60 fine-mesh screen is available. Specify "FM" after the strainer model number for a strainer with fine-mesh screen, or after the filter basket number for a filter basket with fine-mesh screen
- Spanner wrench holes in screw-on cap allow for the use of GROCO SW-2531 spanner wrench if desired
- Strainer heads are threaded internally for NPT pipe connections
- Install with pipe or hose.
- See page 148 for service parts

PUMPING PRINCIPLES

ENGINE COOLING

ENGINEERING TABLES

TROUBLE-SHOOTING GUIDE

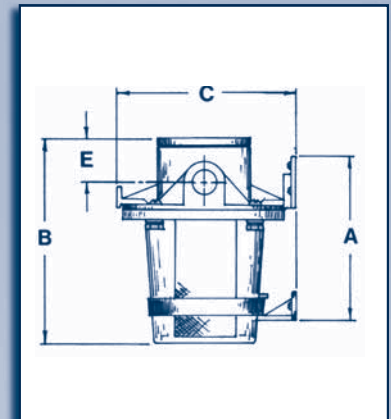
INDEX

HOME

NEXT

BACK

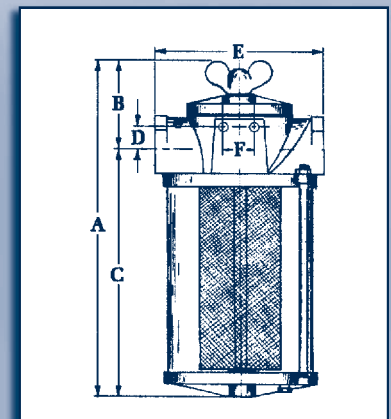
Models Series and Pipe Size	ARG-500 1/2"	ARG-750 3/4"	ARG-1000 1"	ARG-1250 1 1/4"	ARG-1500 1 1/2"	ARG-2000 2"	ARG-2500 2 1/2"	ARG-3000 3"
A	4.75"	6.25"	6.50"	8.50"	8.25"	10.56"	13.00"	16.13"
B	6.13"	8.13"	8.50"	10.50"	10.75"	13.06"	15.56"	18.63"
C	5.13"	5.13"	6.68"	6.68"	7.88"	7.88"	7.88"	7.88"
D (port to port width)	4.63"	4.63"	5.88"	5.88"	7.25"	7.25"	7.25"	7.25"
E	1.36"	1.36"	1.68"	1.63"	2.00"	2.31"	2.63"	2.68"
Dry Weight (including brackets)	3.50#	3.70#	5.75#	6.40#	9.60#	12.20#	14.15#	17.25#
Wet Weight (including brackets)	4.76#	5.25#	8.31#	9.83#	16.10#	19.39#	22.57#	25.77#
Ratio, open screen area to pipe	54:1	36:1	29:1	25:1	20:1	14:1	11:1	9:1



## SA SERIES

### Features:

- Monel filter basket and center tie rod
- Naval bronze outside tie rods
- Available with #316 stainless steel enclosure in place of the clear Lucite sight glass for compliance with ABS standards. Specify "A" before strainer model number (i.e. ASA-1000)
- Easy to clean. Bronze wingnut spins off to allow access to the filter basket
- Available with standard filter basket or optional 60 x 60 mesh "Fine-mesh" screen. Specify "FM" after model number (i.e. SA-1000 FM)
- Strainer heads are threaded internally for NPT pipe connections
- Install with pipe or hose
- See page 148 for service parts



DIMENSIONS	SA-500	SA-750	SA-1000	SA-1250	SA-1500	SA-2000	SA-2500	SA-3000
Pipe Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
A	7.50"	9.00"	10.25"	12.75"	12.38"	15.75"	18.38"	21.50"
B	2.00"	2.00"	2.56"	3.00"	3.50"	3.50"	3.63"	4.75"
C	5.50"	7.00"	7.69"	9.75"	9.88"	12.25"	14.75"	16.75"
D	.28"	.28"	.56"	.47"	.47"	.69"	—	.75"
E	4.44"	4.44"	5.50"	5.50"	7.50"	7.50"	7.50"	8.00"
F	.78"	.78"	1.00"	1.00"	1.00"	1.38"	1.38"	1.50"
Dry Weight (including brackets)	3.50#	3.70#	5.75#	6.40#	9.60#	12.20#	14.15#	17.25#
Wet Weight (including brackets)	4.76#	5.25#	8.31#	9.83#	16.10#	19.39#	22.57#	25.77#
Ratio, open screen area to pipe	54:1	36:1	29:1	25:1	20:1	14:1	11:1	9:1