# RWM Series - Raw Water Manifold (PATENTED)
## Installation, Operation, and Maintenance

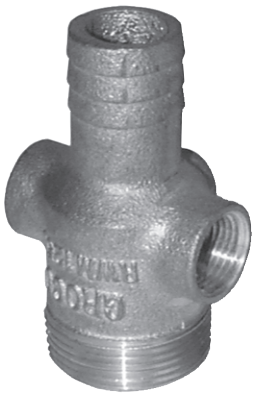


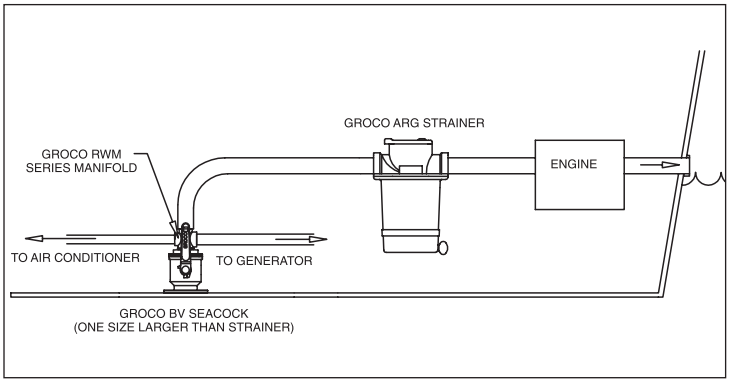
**The Concept:** While we do not recommend the practice of supplying raw or filtered water to multiple "consumers" from a single inlet source (ie: toilets, washdown pumps, air conditioners, generators, etc.) we do recognize that it is common practice to do so, particularly when one or more of the consumers is an intermittent consumer.

If this is your intention, protect your equipment by installing a properly sized GROCO Raw Water Manifold. You will be guided to use proper pipe or hose sizes, thus reducing the possibility of imposing dangerous restrictions to one or all of the consumers.

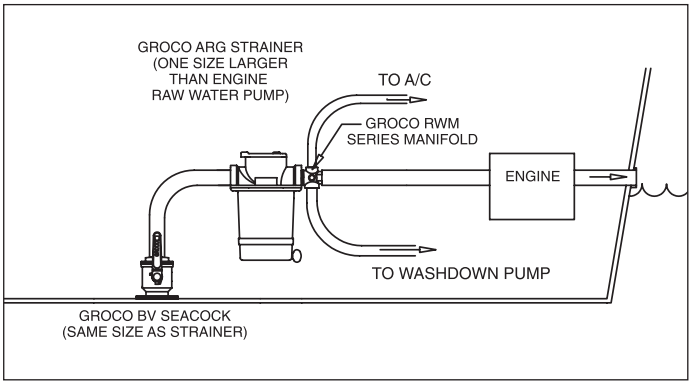
The barbed outlet is connected to the primary consumer (your main engine, for example) and is smaller than the threaded inlet which screws into a seacock or strainer outlet (See sample installations). The larger thread size requires that you use a larger strainer or inlet seacock, thus assuring adequate flow to all consumers.

The combined cross-sections of the primary consumer plus the threaded secondary consumer connections (to A/C and generator, for example) does not exceed the cross-section of the threaded inlet end.

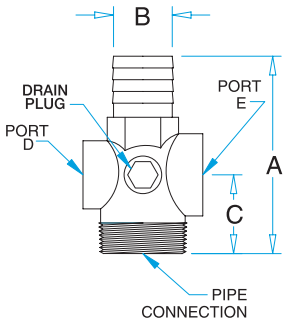





SAMPLE INSTALLATION SHOWS RWM MANIFOLD USED TO DISTRIBUTE RAW (UNFILTERED) WATER




SAMPLE INSTALLATION SHOWS RWM MANIFOLD USED TO DISTRIBUTE FILTERED WATER




| MODEL | PIPE | A | HOSE ID - B | C | PORT-D | PORT-E |
|---|---|---|---|---|---|---|
| RWM-1250 | 1-1/4" NPT | 3.75 | 1" | 1.37 | 1/2" NPT | 1/2" NPT |
| RWM-1500 | 1-1/2" NPT | 4.13 | 1-1/4" | 1.57 | 3/4" NPT | 3/4" NPT |
| RWM-1500-1 | 1-1/2" NPT | 4.13 | 1-1/4" | 1.57 | 1/2" NPT | 1" NPT |
| RWM-2000 | 2" NPT | 4.65 | 1-1/2" | 2.00 | 3/4" NPT | 3/4" NPT |
| RWM-2000-1 | 2" NPT | 4.65 | 1-1/2" | 2.00 | 3/4" NPT | 1" NPT |
| RWM-2500 | 2-1/2" NPT | 5.00 | 2" | 2.00 | 3/4" NPT | 1" NPT |
| RWM-3000 | 3" NPT | 5.50 | 2-1/2" | 2.50 | 1" NPT | 1-1/4" NPT |
| RWM-4000 | 4" NPT | | 3" | | 1-1/4" NPT | 1-1/4" NPT |