

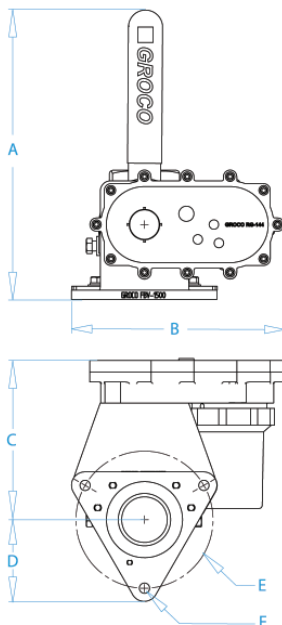
**FBVE SERIES**

**IT'S TIME TO EVOLVE**



**FEATURES**

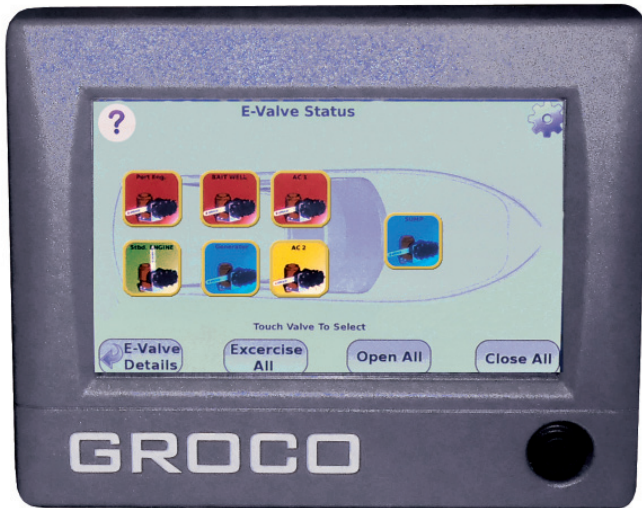
- Motorized valve operation for seacock sizes 3/4" to 5."
- Wireless control from helm; push-button control from engine room.
- Touchpad control (shown) is standard. Optional LCD touchscreen provides wireless control from the helm.
- LCD display operates all of your E-Valves and GROCO® SSA flow monitor system.
- Programmable set-up mode commands the generator seacock (or any other seacock) to open when you start and close when the generator stops. No more generator flooding.
- Manual valve operation without back-driving the gear train and without disconnecting anything – just operate the valve as a standard manual seacock.
- Minimal power draw.
- Reversible gearbox mount enables selectable direction of handle rotation.
- Same mount bolt pattern as GROCO® FBV and BV, and most other brands.
- Fully submersible.
- UL listed seacock.
- NMEA2000 ready.
- 12V and 24V models.
- IP67 rated.
- CP-712 compliant.



MODEL NO.	PIPE SIZE inch	A inch	B inch	C inch	D inch	E inch	F inch	WEIGHT lb
FBVE-750	3/4"	6.1	6.4	4.5	2.0	3.12	3 x 5/16"	4.4
FBVE-1000	1"	7.3	6.5	4.8	2.1	3.38	3 x 5/16"	5.0
FBVE-1250	1-1/4"	7.1	6.6	5.0	2.3	3.62	3 x 5/16"	5.8
FBVE-1500	1-1/2"	9.5	7.0	5.2	2.7	4.50	3 x 5/16"	7.1
FBVE-2000	2"	10.1	7.3	5.5	3.0	5.00	3 x 3/8"	9.7
FBVE-2500	2-1/2"	12.4	9.2	6.7	3.6	5.88	3 x 3/8"	22.0
FBVE-3000	3"	14.8	9.7	6.7	4.2	7.00	3 x 3/8"	31.0
FBVE-4000	4"	-	-	-	-	-	-	-
FBVE-5000	5"	-	-	-	-	-	-	-

\*Weight is for the valve and gearbox only

## LCD-5 MONITOR



LCD-5 touch screen allows monitoring and control of all E-Valves on your boat. The screen is water resistant and can be flush mounted (4-3/8" high x 4-1/2" wide) or bracket mounted (bracket included).

### Special E-Valve commands and functions

- **Customized Vessel View Screen:** LCD-5 comes loaded with a generic vessel plan. You can customize the display to show your specific vessel plan, and locate on-screen icons so the display shows your boat with actual component locations.
- **Exercise All:** Boaters know that seacocks should be operated regularly to prevent build-up of nuisance marine growth and to keep valves operating smoothly, but this task is often neglected. With LCD-5, a touch of the "Exercise All" button cycles all E-valves that are not "Locked", and returns them to their original open or closed position. The screen shows moving valve handles and displays an orange icon for any valve that does not "exercise" properly.
- **Close All:** In an emergency, or simply at the end of the day's cruise, the "Close All" command closes all E-Valves that are open. Closed E-Valves display a red icon.
- **Open All:** Before the start of the day's cruise the "Open All" command opens all E-Valves that are not "Locked" (blue icon) and are not "Automatic" (yellow icon). Open E-Valves display a green icon.

- **Lock:** E-Valves connected to equipment that is temporarily out of service for repairs or maintenance, or for sanitation systems that must be mechanically locked the "Lock Valve" command is useful. E-Valves may be locked open or closed, and are both electrically and mechanically locked. Locked E-Valve seacocks display a blue icon.
- **Automatic:** An E-Valve can be programmed for "automatic" operation. An automatic E-Valve will open when the connected equipment is turned on, and will close when the connected equipment is turned off. The "Automatic" function is ideal for generators (no more flooding), AC systems or propulsion engines. Automatic E-Valves display a yellow icon.

### A future LCD-5 upgrade will display GROCO SSA Raw Water Monitoring System

- **Calibrate:** "Normal" flow condition in all connected plumbing systems is established for through the full range of RPM (propulsion engines) or for constant speed systems (generators and AC systems).
- **"Normal":** Systems with normal flow display a green icon.
- **"Alert":** Within 7 seconds of a dangerous flow reduction, the icon for that specific system will change to red, so you know where to begin trouble-shooting or maintenance. An audible alarm (acknowledge to silence) will sound.

