

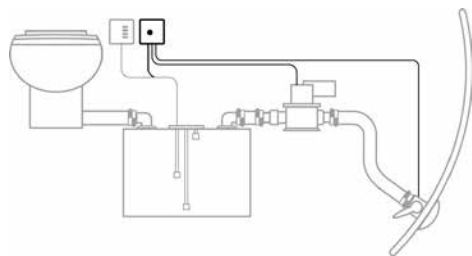
# SeaLand® DTD Series Tank Discharge Controls

## Allows Manual or Automatic Discharge Pump Operation

### DTD Tank Discharge Controls

Where overboard discharge of a waste holding tank is permitted, SeaLand DTD controls offer many options to match preferred methods of tank discharge operation. A key-operated switch allows the user to activate the discharge pump, or set the DTD panel for semi- or fully-automatic operation, depending on the DTD model. All panels include a green light that indicates when the discharge pump is running. DTD controls can be used with a discharge pump operating on the same voltage and a maximum circuit rating of 20 amps.

- Key Benefits – DTD01, DTD02**
- Manually activates pump to discharge holding tank contents directly overboard in unrestricted waters
  - Green light indicates when discharge pump is running; reminds operator to shut off pump to prevent burn-out
  - Keyed switch provides U.S. Coast Guard-approved security when key is removed; no padlocks or other mechanical fasteners are required
  - When integrated with DTM04 tank monitor system, discharge pump automatically shuts off when tank is empty
  - DTD02 panel provides warning indicator and prevents discharge pump operation if seacock is closed; prevents pump or boat damage



**DTD01 control options**

A. Manual discharge pump operation.  
B. Semi-automatic operation when connected to DTM04 tank monitor system – automatically turns discharge pump off when tank is empty (see below).

- When DTM04 monitor indicates “full” holding tank, insert key in switch and turn to momentary “start” position. Allow key to return to “on” position. Green light indicates pump is running.
- When tank monitor indicates “empty,” discharge pump will turn off automatically. Turn key to left and remove from switch.

**DTD02 control options**

A. Manual discharge pump operation and “closed seacock” warning indicator.  
B. Semi-automatic operation when connected to DTM04 tank monitor system – automatically turns discharge pump off when tank is empty (see below).

- When DTM04 monitor indicates “full” holding tank, insert key in switch and turn to momentary “start” position. If seacock is closed, the yellow warning light illuminates.
- Open seacock for overboard discharge. Turn key to momentary “start,” and allow key to return to “on” position. Green light indicates pump is running.
- When tank monitor indicates “empty” discharge pump will turn off automatically. Close seacock, then turn key to left and remove from switch.

# Fully Automatic SeaLand® DTD Systems

## Complete Holding Tank Management for Offshore Boats

Combined with SeaLand discharge pump and DTM04 four-level tank monitor system (sold separately), DTD01A or DTD02A tank discharge controls offer fully automated monitoring and discharge of holding tank contents. When re-entering restricted “no discharge” waters, the switch can be turned off and the key removed for U.S. Coast Guard-approved security.

**DTD01A\* and DTD02A control options**

A. Manual discharge pump operation and “closed seacock” warning indicator.

B. Fully-automatic operation when connected to DTM04 tank monitor system and SeaLand discharge pump (see below).

- When in open waters and automatic pump-out is desired, insert key and turn to automatic power position. If seacock is closed, the yellow warning light illuminates.
- Open seacock for overboard discharge. As holding tank fills and “mid” level is reached, discharge pump is activated. Green light indicates pump is running.
- When effluent level activates “empty” tank probe, discharge pump automatically stops.

\* “Closed seacock” warning indicator functions do not apply to DTD01A.



**DTD Panel Dimensions – all models**  
3.25 in. w x 3.25 in. h / 83 mm x 83 mm

**Key Benefits – DTD01A, DTD02A**

- Automatically discharges holding tank contents directly overboard in unrestricted waters
- Automatically shuts off pump when discharge is complete
- DTD02A panel provides warning indicator and prevents discharge pump operation if seacock is closed; prevents pump or boat damage

### DTD Controls Product Information

MODEL	DESCRIPTION	PANEL COLOR	V DC	ITEM
DTD01	Discharge pump control panel; manual or semi-auto* operation	black	12	313814101
			24	313814103
		white	12	313814102
			24	313814104
DTD02	Discharge pump control and seacock warning panel; manual or semi-automatic* operation	black	12	313814201
			24	313814203
		white	12	313814202
			24	313814204
DTD01A	Discharge pump control panel; manual or fully automatic* operation	black	12	313814301
			24	313814303
		white	12	313814302
			24	313814304
DTD02A	Discharge pump control and seacock warning panel; manual or fully automatic* operation	black	12	313814401
			24	313814403
		white	12	313814402
			24	313814404

\* When used in combination with DTM04 tank monitor system. Specifications subject to change without notice.

### DTD Series Electrical Current Draw

	DTD01	DTD02	DTD01A	DTD02A
12V DC	0.16 A	0.16 A	0.16 A	0.16 A
24V DC	0.095 A	0.095 A	0.095 A	0.095 A

DTD draws electrical current only when discharge pump light or seacock warning light is illuminated.  
Maximum relay rating for 12V or 24V DC discharge pump: 20 amps.  
Float switch rating: 20 watts with resistive load (when used with DTM04 tank monitor system).  
Specifications subject to change without notice.

### Seacock interlock switches

DESCRIPTION	ITEM
Seacock interlock relay and switch for Conbraco 7014701	385310651
Seacock interlock relay and switch for Groco BV1500	385310705

