

Under Water Discharge Kit - Installation Instructions P/N 24547

Used With Microflush® Marine Heads to Allow Overboard Discharge Direct From Toilets

Components

The following components are required in addition to a Microflush® head and are included in the kit:

Single Toilet Installation:

1. P/N 93661, Dual Bleed Valve
(to replace existing Bleed Valve, P/N 37458) 1 each
2. P/N 93664, Check Valves 1-1/2" 2 each
3. P/N 93665, Locking Y-Valve 1 each
4. P/N 93668, Return Bend Loop 1 1/2" 1 each
5. Installation Detail
(Drawings 93670 - Single Toilet) 1 each

Dual Toilet Installation:

1. P/N 93661, Dual Bleed Valve
(to replace existing Bleed Valve, P/N 37458) 2 each
2. P/N 93664, Check Valves 1-1/2" 3 each
3. P/N 93665, Locking Y-Valve 1 each
- 3A. P/N 93668-3, Long Turn Wye Tee, 1 1/2" 1 each
4. P/N 93668, Return Bend Loop 1 1/2" 1 each
5. Installation Detail
(Drawings 93670-3 - Dual Toilet) 1 each

INSTALLATION - Reference Item Number (x) on Drawing

1. Remove and discard old Hopper Bleed Valve (P/N 37458) and replace with Dual Bleed Valve, P/N 93661
(1). Install using plastic compatible pipe sealant.
2. Install Check Valve (2), P/N 93664, mounted horizontally only and within 36" of the toilet hopper.

Note: For two toilet installations, 1-1/2" Long Turn (3A) Tee,

P/N 93668-3, must be installed as shown on drawing 2.

3. Install Locking Y -Valve (3), P/N 93665, in an accessible location.
4. If toilet(s) are located less than 6" above water line, the 1-1/2" Return Bend (4), P/N 93668, must be installed 6" above the loaded water line at greatest keel angle.
5. Install Check Valve (5) mounted horizontally only, no more than 36" from customer supplied thru hull. Note: thru hull penetration must be less than 36" below the loaded water line.

NOTES

- This is the only Microphor approved under water discharge system for use with our Microflush® Marine Heads. Proper Microphor components must be used and installed as shown.
- No more than 2 toilets can combine to discharge thru a single hull penetration.
- Holding tank vent must have no traps and must be sloped at 1/4" rise per 1 foot of length minimum.
- Total distance from toilet to thru hull must not exceed 30 feet.
- For detailed Marine Head installation instructions, see Marine Head Owners Manual, P/N 24533.
- Use only long sweep/turn elbows or large radius bends, avoiding traps in hose and/or pipe runs.
- All waste line fittings, hose and pipe must have minimum 1-1/4" full opening inside diameter.
- Customer to secure and brace all tanks, valves, pipe, hose and fittings.
- Toilet cannot be more than 24" below the water line.

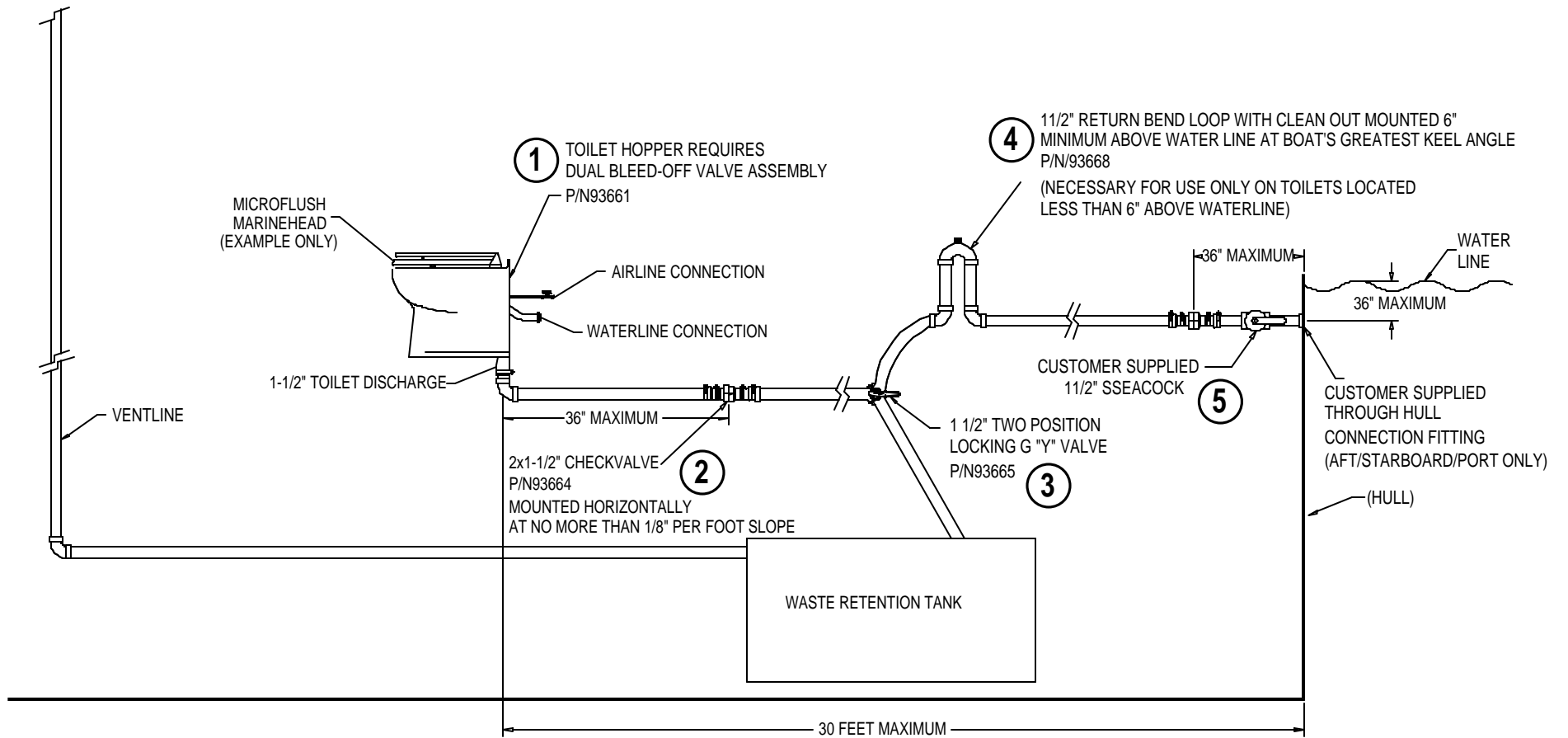


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P/N 93670, SINGLE TOILET UNDERWATER DISCHARGE KIT



P/N 93670-3, DUAL TOILET UNDERWATER DISCHARGE KIT

