

Digital Control Panel Premium Silent Electric Toilet (07-66-024)



Operating instructions

Correct operation of the toilet is essential for the safety and comfort of your crew and boat. **Note** that the Silent Electric, Design Silent Electric and Silent Premium toilets are designed to have the bowl empty when not in use. Before operation ensure that the inlet and discharge valves (full-bore, handle-operated sea cocks) are open.

Control panel

3 function control panel; Before use – after use – short use and trimmer to regulate the flow

Short Use Button

1. The Short Use button is intended mainly for only liquid waste, where there is no risk of solid waste sticking to the toilet bowl
2. Pressing the Short Use button switch will automatically both rinse and flush the toilet, leaving the bowl empty.

Before Use Button

1. The Before Use function will fill the toilet bowl with water prior to use, wetting the sides so that solids will not soil the sides of the bowl or toilet paper becomes compacted at the bottom of the bowl.
2. Activating the Before Use button fills the bowl with water, prior to use. Important! For optimum operation, the water level should be about 5 cm (2") above the discharge hole. The amount of water can be adjusted by truning the trimming shafts at the back of the control panel. A clockwise turn on the trimmer shaft will increase the flow of water and a counter-clockwise turn will reduce the flow of water.

After Use Button:

1. The After Use function discharges the contents of the bowl, leaving the bowl empty.

Important! For safety, always shut both seacocks after use!

Electrical connections

The circuit for the toilet power supply must be independent and cannot be used for any other appliance. Connect the battery positive terminal to a fuse of adequate capacity load. See wiring dimensions table.

Connect the wires from the pump to the Digital Control panel switch as follows:

1. White wire to the battery positive (+) wire
2. Brown wire to the positive (brown) (+) wire of the discharge pump
3. Blue wire to the negative (blue) (-) wire of the discharge pump
4. Grey wire to the battery negative (-) wire
5. Black wire to the negative (-) wire of the flush pump (Alternative 1) or solenoid valve in a pressurized central system (Alternative 2)
6. Red wire to the positive (+) wire of the flush pump (Alternative 1) or solenoid valve in a pressurized central system (Alternative 2)

Level indicator

You will only need the level indicator cable in the event you intend to connect to a level indicator with probes.

Combination printed circuit colored wires	Combination colored wires/ probes
White	long probe (1) = common
Blue/Green	long probe (2) = half tank
Yellow	short probe (3) = full tank
Black	- battery
Red	+ battery

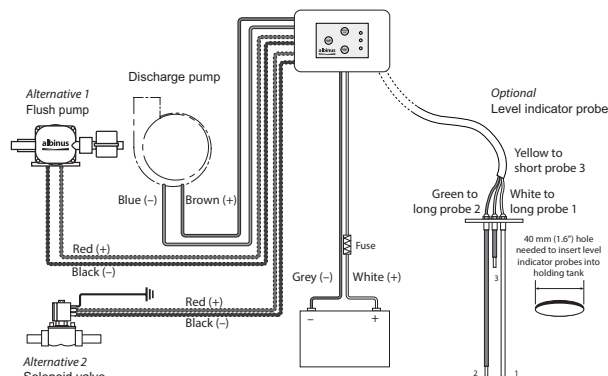
Control panel LEDs

Red LED	= full tank
Yellow LED	= half tank
Green LED	= ON

The color indications above refer to the complete kit (control panel, wires and terminals).

The standard length of the wires is 3.5 m (11.5 feet)

Warning! Do NOT short-circuit the side probes with the central one.



Wire size per feet and meter of run

Voltage	Fuse size	0 m – 3 m (0' – 10')	3 m – 4.6 m (10' – 15')	4.6 m – 7.6 m (15' – 25')	7.6 m – 12.2 m (25' – 40')	12.2 m – 18.3 m (40' – 60')
12V	25 A	2.5 mm ² (#14)	2.5 mm ² (#14)	4 mm ² (#12)	6 mm ² (#10)	10 mm ² (#8)
24V	20 A	2.5 mm ² (#14)	2.5 mm ² (#14)	2.5 mm ² (#14)	2.5 mm ² (#14)	4 mm ² (#12)

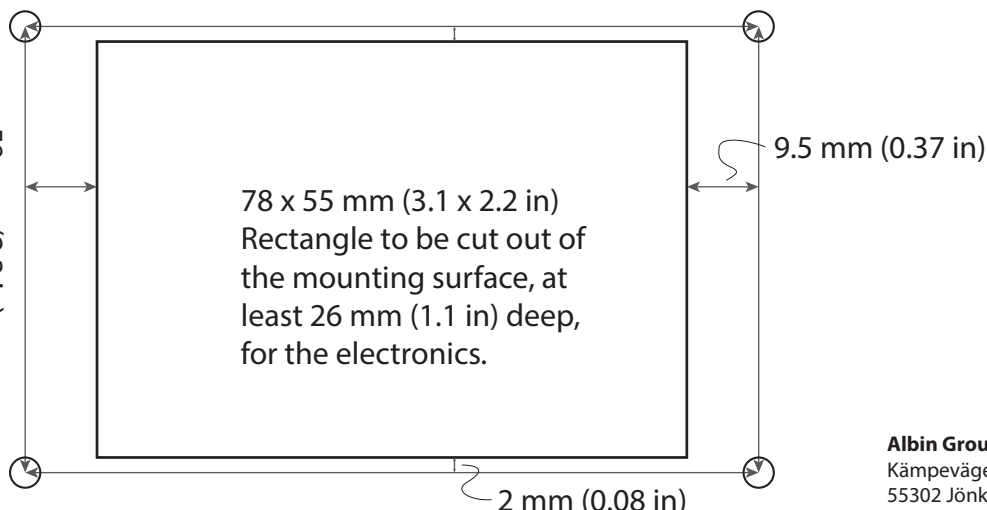


Waste handling & material recycling

At the product's end of life, please dispose of the product according to applicable law. Where applicable, please disassemble the product and recycle the parts according to material.

97 mm (3.8 in)

Scale 1:1
Digital Control Panel
(07-66-024)
Template



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since 1928

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