



JABSCO® CONVERSIONS

MODELS: **29200-0120**
ELECTRIC CONVERSION,
12 VOLT

29200-0240
ELECTRIC CONVERSION,
24 VOLT

FEATURES

- Directly replaces manual pump assembly
- Easy to install
- Simple to operate
- Dual action control allows water level to be varied
- Fits all Jabsco and Par 29090 and 29120 standard and large bowl toilets. Adaptors are available (see below) to fit many other makes
- Suitable for use in above or below waterline installations.
- Built in macerator
- Meets EN50081-2 for Electro Magnetic Compatibility (EMC)
- Meets ISO 8846 MARINE and USCG 183.410 for ignition protection.
- Self priming up to 0.6m (2ft)
- Waste pump discharges over an anti syphon loop up to 1.8m (6ft) and out of a through hull fitting down to 0.9m (3ft) below the surface
- Typical power consumption is less than 1.0 amp hour (12 volt) or 0.5 amp hour (24 volt) per day

ADAPTORS AVAILABLE

- **29060-0000 Adaptor** for Brydon Boy and PAR 59128, RM69, Simpson Lawrence 444, Mansfield and Sealand 751
- **29080-0000 Adaptor** for Groco HE and Groco HF
- **29110-0000 Adaptor** for Raritan Compact, Raritan PH & PHII, and Sealand 752
- **29128-0000 Adaptor** for Wilcox Crittendon Headmate 1640, and Winner R4042C.

INSTALLATION INSTRUCTIONS



WARNING Flood hazard. Close inlet and outlet seacocks prior to disassembling toilet. Failure to do so can result in flooding which can cause loss of property and life

Your Jabsco Electric Conversion is designed to be installed by the user; and no special skills or tools are needed.

Flush the existing toilet in the usual way, and ensure that all waste has left the discharge pipework, and that the bowl is empty.

SHUT BOTH SEACOCKS (inlet and outlet).

Be ready to mop-up any water that may come out of the system. Keep all screws and hose clips, which will be re-used to fit the Conversion.

Disconnect the 19mm (3/4") inlet hose and the pump to bowl link hose from the pump. Detach the discharge elbow, flange and joker valve assembly from the pump cylinder. Leave the discharge elbow connected to the discharge pipework and do not remove any anti syphon loop or 38mm (1 1/2") vented loop fitting. Remove the screws (key 11) that secure the pump to the discharge flange and base. Lift off the manual pump and gasket.

Should your power supply fail, you can change your toilet back to manual operation in a few minutes. Just keep the old pump to bowl link hose and bottom flap valve gasket aboard, together with the manual pump, and you will have all that you need to put your toilet back in commission.



FITTING AN ADAPTOR

If you have purchased one of our Adaptors because your existing toilet is not a Jabsco 29090/29120 series, then you should replace the standard macerator housing with the Adaptor *before* you start to fit the Conversion.

Make a pencil mark across the joint between the motor assembly (key 2) and the waste pump body (key 5) that will enable you to realign them later.

Remove the 4 long screws (key 13) that secure the macerator housing (key 15) to the waste pump body (key 5) and notice that the screws are of 2 different lengths. The chopper (key 10) will retain the waste pump body (key 5) on the motor shaft.

If you can remove the macerator housing (key 15) without damaging the upper paper gasket (key 7) that lies between the stainless steel wearplate (key 8) and the waste pump body (key 5), you will not need to remove the chopper.

Grasp the stainless steel wearplate (key 8) to the waste pump body (key 5) while gently removing the macerator housing (key 15). You may tap the flange with a mallet if necessary.

Remove the 'O' ring (key 14) and keep it.

Remove the exposed, lower paper gasket (key 7) and throw it away.

If you have damaged the upper paper gasket (key 7), insert a blunt rod into the discharge hole in the macerator housing (key 15) and