

BACTIVATOR®[®] Series 4 Installation for Grease Trap Treatment © 2010

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ECOPROBIOTICS® of the Bacta-Pur® System, are beneficial communities of natural bacteria, which have been on earth for millions of years and have been selected for their synergistic ability to biodegrade pollutants and to improve water quality. ECOPROBIOTICS® increase biodiversity. Just as people take yogurt for its' probiotic ability to assure the presence of the optimal community for digestion and immunity, ECOPROBIOTICS® improve ecosystem health. EVERY PRODUCTION of Bacta-Pur® products is analyzed and cleared for shipment ONLY after passing all performance tests and being CERTIFIED PATHOGEN FREE using techniques from the food industry. ECOPROBIOTICS® are purely natural and beneficial; they NEVER contain added chemicals such as surfactants, emulsifiers or enzymes..., nor do they contain genetically modified (GMO) or deliberately mutated organisms. ECOPROBIOTICS™ are safe and beneficial; disease causing organisms are never used, as others do or permit

LOCATION

The unit should be installed close to the grease trap or a drain line leading to the grease trap. The unit should be installed at chest level to facilitate maintenance and re-filling and requires a physical space of 24" wide by 30" inches high.

The BACTIVATOR®[®] model LS1500 only requires additionally a 25"W by 13"D by 22"H space for the shelf mounted on the wall beside/bellow the cabinet of the BACTIVATOR®[®] for the external reservoir. The maximal acceptable range of vertical distance between bottom of reservoir and bottom of cabinet to obtain published injection rates, is between 45" and 58". Reservoir bottom must NEVER be higher than the bottom of cabinet.

The room temperature of the installation site should be between 17° (63°F) and 30°C (86°F).

WATER SUPPLY

The cold water line should be located as near as possible to the unit (within 10 ft of unit). A qualified plumber should make any required changes to the water lines. All local codes must be followed. A 1/4" OD flexible copper line or heavy walled plastic tubing should be installed (ideally with a shut-off valve) to connect the cold water line directly to the unit (quick connect fitting on the carbon filter inlet). If a BACTIVATOR®[®] WWFE is recommended (consult IET-Aquaresearch Ltd.), a hot water line should be available in addition to the cold water line (the hot water line must never be attached directly to the carbon filter).

If water pressure exceeds 50 psi (345 kPa or 3.5 bars), a pressure regulator, set at 40 psi (276 kPa or 2.8 bars), has to be installed on the water supply line before BACTIVATOR®[®].

ELECTRICAL SUPPLY

The unit needs a 110 volts, 60 Hz power supply, within 6 feet of unit and connected to a GFI. Each unit draws 0.7 Amps (110 Volt). Other voltages are available upon request.



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DRAIN LINE PLUMBING CONNECTIONS

All units drain by gravity flow. 3/4" ID reinforced tubing is recommended for a short run or rigid pipe for a long run (not supplied with machine). Do not allow the tubing leading to the existing drain line to sag, as pockets will develop. Connecting to the existing drain line may require plumbing changes (use a qualified plumber) and refer to the drawing below for correct install locations. **In a kitchen the drain tubing of BACTIVATOR® is usually connected after the P-trap under a sink to treat a drain line leading to the grease trap as well.**

All electrical and plumbing codes must be adhered to when installing the BACTIVATOR®.

