



Approved Aerobic Treatment Units

What are Aerobic Treatment Units (ATUs)?

Aerobic Treatment Units (ATUs) are small ('package') wastewater treatment plants. Due to the treatment and disinfection process, the treated wastewater from several systems may be used for garden irrigation. Some ATUs are also approved for Phosphorus removal. The listed systems have standard approval as domestic models (they may also be used in commercial situations). They are to be installed and operated in accordance with the Health (Treatment of Sewage and Disposal of Effluent and Liquid Waste) Regulations 1974 and the **Code of Practice for the Design, Manufacture, Installation and Operation of Aerobic Treatment Units (ATUs) Serving Single Dwellings**.

As the conditions of approval can vary between designs, persons interested in installing a particular ATU should confirm it meets their needs and discuss site requirements with the local government.

ATUs have regular service requirements (usually quarterly) and maintenance must be through an **Authorised person** or their staff/subcontractors.

More detailed information on ATUs is contained in the **Aerobic Treatment Units** pamphlet and the **Code of Practice**.



| Manufacturer or supplier | Brand name and model | Capacity | Comments and restrictions | AS certification & Approval Expiry Date |
|--|---|---|---|---|
| Allied Pumps 2 Modal Crescent CANNING VALE WA 6155 Ph: 9350 1000 / 1800 447 777 Fax: 9356 5255 Website: www.aquanova.com.au Email: sms@alliedpumps.com.au | Everhard Aqua-Nova 2000 Model 80100 | Single dwelling units up to 10 person capacity. | Approved for sub-surface or sub-strata or above ground spray irrigation. | Global Certification PL No. 077 27/03/2017 |
| Aquarius Wastewater Management Pty Ltd Unit 1/20 Abrams Street BALCATTWA WA 6021 Ph: 9240 8545 Fax: 9240 8542 Website: www.aquariuswastewater.com.au Email: admin@aquariuswastewater.com.au | Aquarius O-3 | Single dwelling units up to 10 person capacity. | Approved for sub-surface or sub-strata or above ground spray irrigation. Capable of removing nutrients to the following concentrations: TP (% removal): <1 mg/L (98.5%) TN (% removal): <10 mg/L (97.8%) | SMKH21519 25/03/2018 |
| | Aquarius O-2 | Single dwelling units up to 10 person capacity. | Approved only for below ground disposal via sub-surface irrigation, leach drains, soak wells or AquaSafe Drains. The system does not include Alum Sulphate dosing and disinfection system. The system does not remove nutrients. | |
| | Aquarius O-2 NR | Single dwelling units up to 10 person capacity. | Approved only for below ground disposal via sub-surface irrigation, leach drains, soak wells or AquaSafe Drains. The system does not include disinfection system. Capable of removing nutrients to the following concentrations: TP (% removal): <1 mg/L (98.5%) TN (% removal): <10 mg/L (97.8%) | |



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| Biomax Pty Ltd PO Box 462 MIDLAND DC WA 6936 Ph: 9250 7733 Fax: 9250 5844 Website: www.biomax.com.au Email: biomax@inet.net.au | BioMax P10-M (phosphorus removal) BioMax C-10 | Single dwelling units up to 10 person capacity. | Approved for sub-surface or sub-strata or above ground spray irrigation. | No AS1546.3 certification 30/06/2015 |
| BioSeptic Pty Ltd Concrete Products WA Ph: 9274 6988 Fax: 9274 6939 Website: www.bioseptic.com.au Email: sales@bioseptic.com.au | Performa 2000 | Single dwelling units up to 10 person capacity. | Approved for sub-surface or sub-strata or above ground spray irrigation. | SMK02221 18/10/2015 |
| BioSystems 2000 Pty Ltd 3 Carlow Circle WATERFORD WA 6152 Ph: 9450 2570 Fax: 9450 1635 Email: biosystems2000@yahoo.com.au | Biosystem 2000 | Single dwelling units up to 10 person capacity. | Approved for sub-surface or sub-strata or above ground spray irrigation. | No AS1546.3 certification 30/06/2015 |
| Earthsafe Environmental Pty Ltd PO Box 605 WYONG NSW 2259 Ph: 1300 327 847 Email: steven@rivatec.com.au | Earthsage Environmental ES10PC | Single dwelling units up to 10 person capacity. | Approved for sub-surface or sub-strata or above ground spray irrigation. | SMKH20612 27/08/2016 |



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| <p>Fuji Clean Australia Pty Ltd 5/520 Mulgrave Road Earlville, Cairns QLD 4870 Website: www.fujiclean.com.au</p> <p><u>WA Distributor</u> Ecowater WA 37 Granite Place YANCHEP WA 6035 Ph: 0417 098 281 Email: ecowaterwa@bigpond.com</p> | CE1200 | Single dwelling units up to 8 person capacity. | Approved for sub-surface or sub-strata or above ground spray irrigation. | No AS1546.3 certification 30/06/2015 |
| | CE1500EX | Single dwelling units up to 10 person capacity or 1500L/day | Approved for sub-surface or sub-strata or above ground spray irrigation. | SMKH21993 09/05/2016 |
| | | | Capable of removing nutrients to the following concentrations: TP (% removal): 1.3 mg/L (84%) TN (% removal): 21.0 mg/L (58%) | |
| | CRX1500 | Single dwelling units up to 10 person capacity. | Approved for sub-surface or sub-strata or above ground spray irrigation. | No AS1546.3 certification 30/06/2015 |
| | | | Capable of removing nutrients to the following concentrations: TP (% removal): 0.24 mg/L (97%) TN (% removal): 8.29 mg/L (82%) | |



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| <p>Galvin Concrete & Sheetmetal Pty Ltd Ph: 9302 2175 Website: www.galvins.com.au Email: csm@galvins.com.au</p> <p><u>WA Distributor</u> Clearwater Domestic Sewerage 52 Railway Parade WELSHPOOL WA 6106 Ph: 9258 6933 Fax: 9258 6944 Email: naiquip@inet.net.au</p> | <p>Clearwater 90 Compact</p> | <p>Single dwelling units up to 10 person capacity.</p> | <p>Approved for above ground spray irrigation.</p> | <p>No AS1546.3 certification 30/06/2015</p> |
| <p>Icon-Septech Pty Ltd Lot 265 Valencia Way MADDINGTON WA 6109 Ph: (08) 9493 2352 or 1300 557 143 Fax: (08) 9493 2548 Website: www.icon-septech.com.au</p> | <p>Septech Turbojet 2000</p> | <p>Single dwelling units up to 10 person capacity.</p> | <p>Approved for sub-surface or above ground spray irrigation.</p> | <p>SMK0239 13/11/2015</p> |



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| <p>Jowa Group Pty Ltd 48 Patpa Drive SHEIDOW PARK SA 5158 Ph: (08) 8381 9100 Fax: (08) 8381 9116 Website: www.biocycle.com.au Email: admin@biocycle.com.au</p> <p>WA Distributors Tim Clews, 20 Dodd Road, Bickley WA 6076 Mob: 0429824300</p> <p>Greg Browden, Emyjor, 7/46 Great Eastern Highway, Kalgoorlie WA 6430 Mob: 0401967330</p> | Biocycle BIO-7000 | Single dwelling units up to 10 person capacity. | Approved for sub-surface or above ground spray irrigation. | SMKH20266 22/11/2015 |
| <p>Krystal Kleer Pty Ltd 59 Commerce Circuit Yatala QLD 4207 Ph: (07) 3382 7666 Website: www.qualitytanks.com.au Email: Nicole@qualitytanks.com.au</p> | Krystal Kleer ADV5000 (Concrete and plastic models) | Single dwelling units up to 10 person capacity. | Approved for sub-surface or above ground spray irrigation. | Cert No. 125 21/08/2017 |
| <p>Suncoast Waste Water Management 59 Industrial Avenue KUNDA PARK QLD 4556 Ph: 1800 450 767 Website: www.ozzikleen.com Email: info@ozzikleen.com</p> | Ozzi Kleen RP10 | Single dwelling units up to 10 person capacity. | Approved for sub-surface or above ground spray irrigation. | SMK02608 14/08/2016 |



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| Taylex Industries Pty Ltd 56 Prairie Road Ormeau QLD 4208 Ph: (07) 3441 5200 Fax: (07) 3287 4199 Email: Taylex@bigpond.com.au | Taylex DMS (Domestic Membrane System) | Single dwelling units up to 10 person capacity. | Approved for above ground spray irrigation, sub-surface or sub-strata drip irrigation. Capable of removing nutrients to the following concentrations: TP (% removal): 0.29 mg/L (96%) TN (% removal): 6.19 mg/L (86%) | No AS1546.3 certification 30/06/2015 |
| | Taylex ABS (Advanced Blower System) | Single dwelling units up to 10 person capacity. | Approved for above ground spray irrigation, sub-surface or sub-strata drip irrigation. | |
| | Taylex Poly ABS (Advanced Blower System) | Single dwelling units up to 10 person capacity. | Approved for above ground spray irrigation, sub-surface or sub-strata drip irrigation. | |



Assessed and not approved OR Approval withdrawn

| Manufacturer / Supplier | Brand name and model | Reason not approved / Further information |
|--|-----------------------|--|
| Biolytix Technologies PO Box 591 MALENY QLD 4552 Ph: (07) 5435 2700 Fax: (07) 5435 2701 Website: www.biolytix.com Email: info@biolytix.com | Biolytix BF-6 Aerated | Company liquidated. Biolytix units which have been issued a 'Permit to Use' by local government before 19 January 2011 can still be in use. For further information, visit the following webpage: www.lawlerpartners.com.au/creditor_reports/biolytix_group_of_companies/faqs |
| Water Gurus Pty Ltd 3/57 Inspiration Drive WANGARA WA 6065 Ph: 9302 6444 or 1800 043 956 Fax: 9302 6777 Website: www.watergurus.com.au | Novaclear | Company liquidated. For further information, visit the following webpage: http://www.asic.gov.au/ |

More information:

Water Unit

Environmental Health Directorate
Department of Health
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PERTH BUSINESS CENTRE WA 6849

Telephone: 08 9388 4999

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This document is available in alternative formats on request for a person with a disability.

