





AV20.2 Red Mede 1A	Drawn By: BAS	Scale: /" = 4'-0"	
AAZU Z FOU MOUE TA	Reviewed By:	Sheet:	I OF I
Design Aid	File Name: NDW-ATX-BNDR-3.DWG	Rev: 4.0	Date: 6/23/2021



- D -

36.00 (915)

21.25 (54)

4.00 (100)

1.13 (29)

4.00 (100)

4.00 (100)

5.1 (0.50)

1.5 (0.15)

0.50 (12.

0.50 (13)

Orenco Systems® Inc. , 814 Airway Ave., Sutherlin, OR 97479 USA • 800-348-9843 • 541-4

* Inlet hole height can vary depending on the configuration of the tank. Optimum hole height is 70% of the minimum liquid level

** Flow area is defined as the total open area (or area of the mesh openings) of all the individual Biotubes within the filter cartridge.

Filter area is defined as the total surface area of all individual Biotubes® within the filter cartridge.

FTS0444-36, FTW0444-36

FTS0436-28

6.00 (914)

28.00 (710)

19.25 (489)

4.00 (100)

4.00 (100

3.9 (0.40)

Specifications

- Vault height, in. (mm)

Cartridge height, in. (mm)

- Inlet hole height,* in. (mn

D - Nominal diameter, in. (mm)

Number of inlet holes

Inlet hole diameter, in. (mm)

Filter surface area,† ft² (m²)

Number of discharge orifices

Air vent diameter, in. (mm)

Number of air vents

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Discharge orifice diameter, in. (mm

Discharge orifice diameter, in. (mm)

Flow area,** ft² (m²) Flow Modulation Plate (Optional

Discharge coupling diameter, in. (mm)

Model

MANAGEMENT REQUIREMENTS

E. MANAGEMENT REQUIREMENTS

Recommended minimum procedures and frequency for inspection, maintenance, monitoring and reporting activities for proprietary treatment systems are outlined in **Table P-1** below.

Table P-1. Proprietary Treatment System Management Requirements

	Work	Frequency
Inspection	 Inspection to be in accordance with manufacturer specifications. 	 According to permit conditions, typically every 6 to 12 months, depending on system size, usage, and history.
Maintenance	 Perform all maintenance as required and in accordance with equipment manufacturer specifications. 	 According to permit conditions, typically every 6 to 12 months, depending on system size, usage, and history.
Water Monitoring & Sampling	 Monitoring to be in accordance with manufacturer specifications. 	 If required, according to permit conditions, typically every 6 to 12 months, depending on system size, usage, and history
Reporting	 Report findings to DEH per permit requirements. Standard report to describe findings, analyze performance, and detail actions taken. Report crisis or failure conditions to DEH immediately. 	 According to permit conditions, typically every 1 to 2 years, depending on system size, usage, history, location.

CONTROL PANEL FOR ADU PUMP TANK

	MODEL 112 CONTROL PANEL Single Phase, Simplex Motor Contactor Control	Part # Pre-configured Panels for Easy Ordering 1071824 1121W114X6A10E
	<complex-block></complex-block>	1071853 1121W124X6A10E 1071823 1121W114H6A10E17G 1071822 1121W124H6A10E17G 1071841 1121W114H6A8AC10E17G 1075046 1121W124H6A8AC10E17G 1075046 1121W124H6A8AC10E17G 007187 PUMP FULL PACKAGE FROLOSURE PUMP FULL 1 ALARM PACKAGE 1 <td< th=""></td<>
etic tripping characteristics etic tripping characteristics ed. Constructed of Product Code Adder PRL HT PT UV 9-4449 • www.orenco.com	<text><text><text><list-item><list-item><list-item><list-item><list-item><text><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></text></list-item></list-item></list-item></list-item></list-item></text></text></text>	8A Elapsed Time Meter 190 Switch and Pump Ru 8C Event (Cycle) Counter 0.25 FLA 9A Example: 912A = 12 amp pump 25-30 FLA 25-30 FLA 25-30 FLA 10F Lockable Latch - NEMA XK (included as standard) 0.25 FLA 10F Lockable Latch - NEMA XK (included as standard) 0.20 FLA 10K Anti-condensation Heater 0.30 FLA 14B Corined points in the OK position (must select) 0.30 FLA 15A Control / Alarm Circuit Breaker 20-30 FLA 15A Control / Alarm Circuit Breaker 1075005 1075006 3 Float Kit. 20' Sense 1075007 3 Float Kit. 20' Sense 107507 3 Float Kit.
	OPERATING PERMIT REQUIREMENTS	PERFOF
	Sec. B-11-92. Operating permits.	Se
ite)	 (a) In addition to an installation permit, an operating permit is real alternative OWTS, including those installed in connection w or upgrade of existing OWTS as well as those for new constr General requirements pertaining to operating permits are as f 	equired for all ith the repair ruction. follows:
lation plate)	(1) The operating permit will be issued by the director foll completion of construction of the alternative OWTS; (compliance with the installation permit requirements; a payment of applicable fees. Operating permits are non	lowing: (a) b) satisfactory and (c) a-transferable.
	(2) After initial issuance, the operating permit is required to periodically, the standard renewal period being one year director may establish conditions allowing the time per renewals to be extended for certain types of OWTS base record of favorable performance or other factors warran reduction in system oversight by DEH. Provisions for operating permit renewal period shall be prescribed by in the Onsite Systems Manual. Operating permits must renewed at the time of change in property ownership.	to be renewed ar. The riod between sed on a nting a adjusting the the director t also be
FTW0436-28	(3) Operating permits are intended to serve as the basis for adequacy of alternative OWTS performance and ensur maintenance. Permit conditions shall include monitori inspection requirements, permit duration, and other pro- prescribed by the director in the Onsite Systems Manual deemed appropriate by the director on a case-by-case by	r verifying the ing on-going ng and ovisions as al or as pasis.
	(4) Renewal of an operating permit requires: (a) payment of applicable fees, upon receipt of notice from the director submission of the results of required system inspection monitoring.	of the or; and (b) and
9-449 • www.orenco.com	(5) Failure to pay the required fee or submit the specified and inspection information, or failure to undertake any corrective work specified by the director may be cause of a citation, penalty fees, non-renewal and/or revocation operating permit by the director. The director may plat the property for recovery of any associated abatement of unpaid fees.	monitoring required for issuance on of the ce a lien on costs and
	 (6) A certified copy of the following shall be recorded aga property in the office of the County Recorder of Santa (a) initial operating permit issued for the system; (b) re operating permit to new owners; and (c) notices of with any operating permit. 	inst the Clara County: issuance of hdrawal of
	(b) Other uses of operating permits. An operating permit may also for circumstances other than alternative OWTS, such as for la OWTS (>2,500 gpd), in connection with holding tank exempt in the opinion of the director, the type, size, location or other particular OWTS installation warrant the additional level of o provided by an operating permit. In such cases, the issuance a operating permits will be issued in accordance with the genera requirements listed in section B11-92 (a)(1) through (a)(6) ab additional requirements prescribed by the director in the Onsi Manual for particular circumstances.	o be utilized rger flow ions or where, aspects of a versight and scope of al ove, and any te Systems

