



TABLE 1: ELECTRICAL REQUIREMENTS

MODEL	COMPRESSOR	MOTOR FULL LOAD AMPS	MEASURED OPERATING WATTS	ELECTRICAL REQUIREMENTS
EA50	5060A Delta Model 60 2.5 CFM	1.75 1.75	63	115 volt- single phase
EA60	5078S 3.3 CFM	2.4	85	115 volt- single phase
EA75	5100 4.5 CFM	2.1	107	115 volt- single phase
EA80	5100 4.0 CFM	2.5	108	115 volt- single phase

TABLE 3: ENVIRO-AIRE SPECIFICATIONS

TREATMENT PLANT	TREATMENT CAPACITY (GPD)	TOTAL VOLUME (GAL.)	PRIMARY VOLUME (GAL.)	AERATION VOLUME (GAL.)	CLARIFIER VOLUME (GAL.)	BOD LOADING (LBS/DAY)
EA50	500	1,113	346	584	186	1.25
EA60	600	1,670	519	879	279	1.5
EA75	750	1,670	519	879	279	1.875
EA80	800	1,805	550-750	935	319	2

TABLE 2: MINIMUM TANK DIMENSIONS

TREATMENT PLANT	A	B	C	D	E	F
EA50	55"	53"	94 1/2"	26 1/2"	45"	18"
EA60	56"	55"	130 3/4"	37"	62 1/2"	26 1/2"
EA75	56"	55"	130 3/4"	37"	62 1/2"	26 1/2"
EA80	55"	54"	145 3/4"	46 1/4"	67"	27 1/2"

NOTES

1. INSTALL TANK PER PRECASTER INSTRUCTIONS.
2. IF PRECAST DIMENSIONS ARE OUTSIDE THE MINIMUM DIMENSIONS, CONTACT DELTA FOR REVIEW.
3. FOR DESIGNS WITH TREATMENT CAPACITIES GREATER THAN 1,500 GPD, CONTACT DELTA FOR REVIEW.
4. OPTIONAL SCHEDULE 40 PVC INSERT INSTALLED TO RAISE ECOPOD TO INLET AND OUTLET HEIGHT REQUIREMENTS.

REV.	DATE	INITIALS
A	7/21/2022	KJ



Delta Treatment Systems, LLC

9125 COMAR DRIVE, WALKER, LA
(800) 219-9183

COPYRIGHT (C) 2022 DELTA TREATMENT SYSTEMS, LLC (DTS). INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND IS THE PROPERTY OF DTS. NO PART OF THIS DRAWING SHALL BE REPRODUCED, DISTRIBUTED, DISCLOSED, OR USED BY ANY PERSON OR ORGANIZATION, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN PERMISSION OF DTS. THIS INFORMATION IS BASED ON SPECIFIC INPUT PARAMETERS AND IS FOR BUDGETARY OR PRELIMINARY USE ONLY. USE AND INTERPRETATION OF THIS INFORMATION AND DETERMINING THE APPLICABILITY TO A SPECIFIC PROJECT IS AT THE SOLE DISCRETION OF THE USER AND/OR THE ENGINEER OF RECORD.

**ENVIRO-AIRE PRECAST CONCRETE TANK
MINIMUM SPECIFICATIONS**

CROSS SECTION AND SIDE VIEW

HORIZ. SCALE N.T.S.	PROJECT NO. N/A
VERT. SCALE N/A	DATE 10/18/2019
DRAWN BY RCA	DESIGNED BY DTS
DRAWING NO. N/A	SHEET NO. 01 of 01