



DATE	REV	DESCRIPTION	AUTH	CHK
2/28/2024	-	INITIAL DRAWING	FP	FP
9/24/2025	A	ADDED DIMENSIONS / DETAIL	FP	FP

- NOTES:
- DIMENSIONS SHOWN ARE NOMINAL AND ARE SUBJECT TO FABRICATION TOLERANCES.
 - EXTERNAL PIPING MUST BE INDEPENDENTLY SUPPORTED.
 - PIPING AND BULKHEAD FITTING MATERIAL IS PVC UNLESS OTHERWISE NOTED.
 - HARDWARE MATERIAL IS TYPE 304 STAINLESS STEEL.
 - MAXIMUM INLET WATER TEMPERATURE IS 140°F. (CONSULT FACTORY FOR HIGHER TEMPERATURE APPLICATIONS).
 - ALL DIMENSIONS ARE IN INCHES.
 - ALL WEIGHTS ARE IN POUNDS. DRY WEIGHT INCLUDES; FAN ASSEMBLY AND TOWER COMPLETE / OPERATING WEIGHT INCLUDES A FULL SUMP.
 - TOWER MOUNTING OPTION #1 - CONCRETE PAD - ENTIRE TOWER BASIN BOTTOM SURFACE TO BE FULLY SUPPORTED BY AN APPROPRIATELY SIZED CONCRETE PAD.
 - TOWER MOUNTING OPTION #2 - BEAM SUPPORTED VIA I-BEAM POCKETS - * SUPPORT BEAMS AND ANCHOR BOLTS ARE TO BE FURNISHED BY OTHERS. * BEAMS SHOULD HAVE A MINIMUM TOP FLANGE WIDTH OF 8" (8"X31# RECOMMENDED) AND BE IN ACCORDANCE WITH ACCEPTABLE STRUCTURAL DESIGN PRACTICES. THESE BEAMS SHOULD BE LOCATED IN THE INTEGRALLY MOLDED I-BEAM POCKETS AND SHOULD OVER-FUN THE LENGTH OF THE TOWER.
 - IF SELECTING TOWER MOUNTING OPTION #2, DO NOT WELD OR BOLT DOWN I-BEAMS PRIOR TO SETTING THE COOLING TOWER SUMP(S)
 - FINAL YARD PIPING TO AND FROM THE TOWER SHOULD BE FABRICATED FOLLOWING INSTALLATION OF THE TOWERS ONSITE. DUE TO MANUFACTURING AND INSTALLATION TOLERANCES, PREFABRICATION OF EXTERNAL PIPING IS NOT RECOMMENDED.
 - SEE DRAWING DCT-TMX_2C-SSD-001-1 FOR PLAN AND SIDE VIEW.

18	2	EQUALIZER CONNECTION	PVC	4" FNPT
17	2	DRAIN CONNECTION	PVC	2" FNPT
16	2	OVERFLOW CONNECTION	PVC	2" FNPT
15	2	MAKE-UP CONNECTION	PVC	1" FNPT
14	2	WATER OUTLET CONNECTION	PVC	10" FLANGED
13	2	WATER INLET CONNECTION	PVC	8" FLANGED
12	6	TOP CONNECTOR BRACKETS	ALUMINUM	
11	8	LIFTING LUGS	ALUMINUM	
10	8	ANCHOR LUGS	ALUMINUM	SEE NOTE #8 & #9
9	44	LOUVER PANELS	PVC	
8	4	VELOCITY RECOVERY STACK	POLYETHYLENE	WITH SCREEN
7	4	PROPELLER	FRP/POLYPRO	
6	4	ELECTRICAL CONNECTION	ALUMINUM	INSIDE FAN ASSEMBLY
5	4	MOTOR	ALUM/STEEL	TEAO, 900 RPM
4	4	FAN RING	COATED CS	
3	20	LOUVER FRAMES	POLYETHYLENE	
2	2	SUMP	POLYETHYLENE	
1	2	UPPER HOUSING	POLYETHYLENE	
ITEM	QTY	DESCRIPTION	MATERIAL	REMARKS

BILL OF MATERIALS				
DESIGN CONDITIONS				
FLOW RATE	TBD	GPM		
INLET TEMP	TBD	°F		
OUTLET TEMP	TBD	°F		
WET BULB	TBD	°F		
ELECTRICAL	TBD			
INFORMATION CONTAINED HEREIN IS SUBJECT TO CHANGE WITHOUT NOTICE IN THE INTEREST OF PRODUCT IMPROVEMENT.				
SCALE 11/16" = 1'		SIZE	D	DATE 2/28/2024
DRAWN BY: Frank Pyszchacki		CHECKED BY: Frank Pyszchacki		REV A

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TOTAL HP	12/20/30/40/60/80/100
DRY WT.	15,840 LBS
OPER. WT. (FULL SUMP)	29,520 LBS
OPER. WT. (B OUTLET)	20,520 LBS
SUMP CAPACITY	1,152 GALLONS