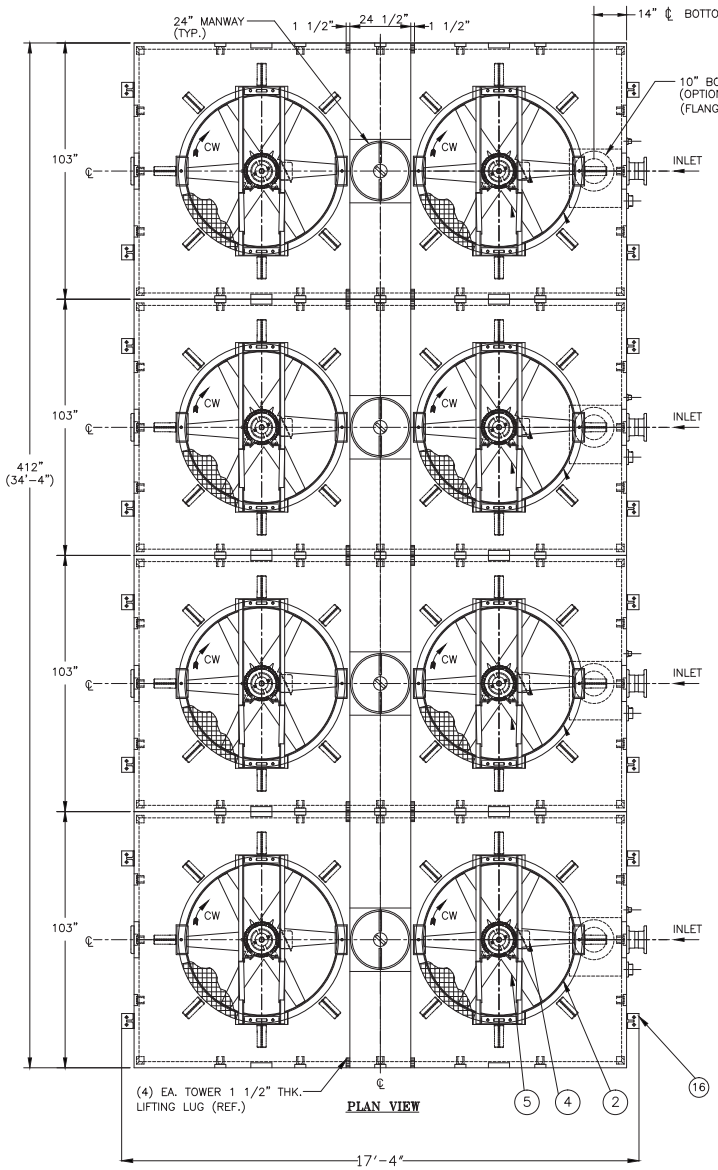
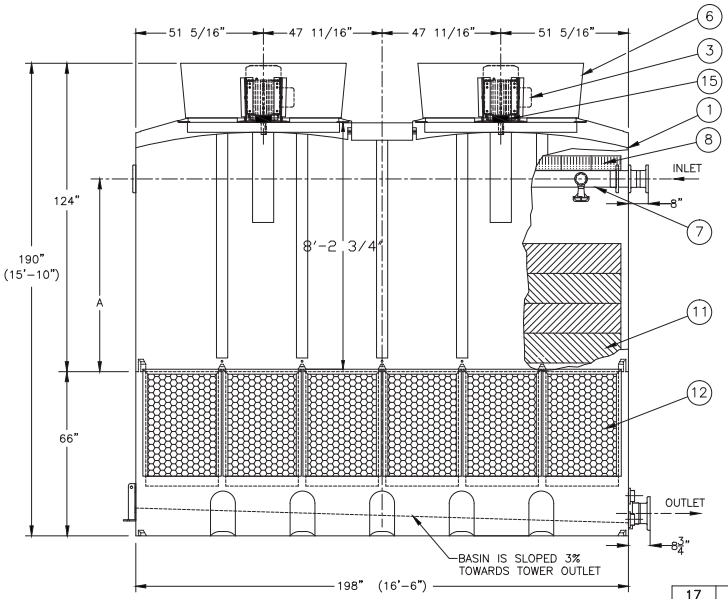
| DATE | SYM | REVISION | AUTH | CHK |
|---|---|---|---|---|
| 2/28/02 | A | REV. INLET | BLO | JF |
| 4/8/02 | B | REV. OUTLET & POCKETS | BLO | JF |
| 1/28/03 | C | ADDED ANCHOR LUG DETAILS | GT | JF |
| 2/4/03 | D | ADDED OPTIONAL OUTLET DIMENSION | GT | JF |
| 10/8/03 | E | ADJUST WEIGHTS | GT | JF |
| 8/29/05 | F | ADD DIM., ELEVATION TABLE | KF | JF |
| 9/19/06 | G | MOD. MAKE-UP, ANCHOR BOLTS | KF | JBH |
| 1/28/08 | H | ADDED SUMP SLOPE NOTE | KF | JBH |
| 2/27/08 | I | ADDED VORTEX BREAKER | KF | JBH |
| 9/18/08 | J | REVISED BOTTOM OUTLET SQUARE | KF | JBH |
| 4/14/09 | K | REVISED HEIGHT | KF | JBH |
| 5/25/10 | L | REV. MAKE-UP, LOUVER MATERIAL | KF | JBH |
| 6/10/10 | M | REV. MAKE-UP MATERIAL | KF | JBH |
| 4/15/11 | N | ADDED FLANGE ADAPTOR NOTE | KF | JBH |
| 5/6/13 | O | REV. ANCHOR LUG & POCKETS | FP | JBH |
| 8/7/14 | P | UPDATED DRAWING | FP | JBH |




PLAN VIEW




ELEVATION

| MODEL SERIES | DIM "A" |
|---|---|
| TM4XX3XX | 68" |
| TM4XX4XX | 77 1/2" |

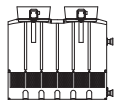
NOTES:
1. DIMENSIONS SHOWN ARE NOMINAL AND ARE SUBJECT TO FABRICATION TOLERANCES.
2. EXTERNAL PIPING MUST BE INDEPENDENTLY SUPPORTED.
3. PIPING AND BULKHEAD FITTING MATERIAL IS PVC.
4. HARDWARE MATERIAL IS TYPE 304 STAINLESS STEEL.
5. FAN ASSEMBLY SHIPPED INSTALLED ON TOWER.
6. MAXIMUM INLET WATER TEMPERATURE 140°F. (CONSULT FACTORY FOR HIGHER TEMP. APPLICATIONS.)
7. ALL DIMENSIONS ARE IN INCHES.
8. ALL WEIGHTS ARE IN POUNDS. DRY WT. INCLUDES; FAN ASSEMBLY AND TOWER COMPLETE. OPERATING WT. INCLUDES A FULL SUMP.
9. TOWER MOUNTING OPTION #1 – CONCRETE PAD – ENTIRE TOWER BASIN BOTTOM SURFACE TO BE FULLY SUPPORTED BY AN APPROPRIATELY SIZED CONCRETE PAD.
10. 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-RUN THE LENGTH OF THE UNIT.
    *DO NOT WELD OR BOLT DOWN BEAMS PRIOR TO SETTING THE COOLING TOWER SUMP(S).
11. 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.
12. SEE DRAWING DT-D-87-905-2 FOR SIDE VIEW.

| ITEM | QTY | DESCRIPTION | MATERIAL | REMARKS |
|---|---|---|---|---|
| 17 | 1 | VORTEX BREAKER (NOT SHOWN) | POLYETHYLENE | |
| 16 | 16 | ANCHOR LUGS | ALUMINUM | DT-A-87-026 |
| 15 | 8 | VIBRATION SWITCH | STEEL | OPTIONAL |
| 14 | 4 | FLOAT VALVE | POLYPROPYLENE | |
| 13 | 1 | LADDER ASSEMBLY (NOT SHOWN) | ALUMINUM | OPTIONAL |
| 12 | 44 | LOUVER PANEL | PVC | |
| 11 | 4 SETS | FILL | PVC | |
| 10 | 4 | STRAINER (NOT SHOWN) | PLASTIC | OPTIONAL |
| 9 | 4 | FILL SUPPORT | FRP | |
| 8 | 4 SETS | MIST ELIMINATOR | PVC | |
| 7 | 4 | WATER DISTRIBUTION | PVC | |
| 6 | 8 | VELOCITY RECOVERY STACK | POLYETHYLENE | WITH SCREEN |
| 5 | 8 | PROPELLER | FRP/POLYPROP | |
| 4 | 8 | ELECTRICAL CONN. | ALUMINUM | |
| 3 | 8 | MOTOR | ALUM./STEEL | TEAO, 900 RPM |
| 2 | 8 | FAN RING | COATED STEEL | |
| 1 | 4 | TOWER SHELL | POLYETHYLENE | |

BILL OF MATERIALS

| | |
|---|---|
| TOTAL HP | SEE MODEL |
| DRY WT. | 26,400 LBS. |
| OPER. WT. SUMP FULL | 49,200 LBS. |
| OPERATING WT. BOTTOM OUTLET | 34,200 LBS. |
| SUMP CAP | 1,920 GALLONS |

INFORMATION CONTAINED HEREIN IS SUBJECT TO CHANGE WITHOUT NOTICE IN THE INTEREST OF PRODUCT IMPROVEMENT.



TM SERIES™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TITLE: 4 CELL

TM SERIES™

DWN BY Bonnie L. Oddo

APPVD BY John Flaherty

SCALE 1/2"=1'-0"

DWG NO. DT-D-87-905-1

DATE 6/14/01