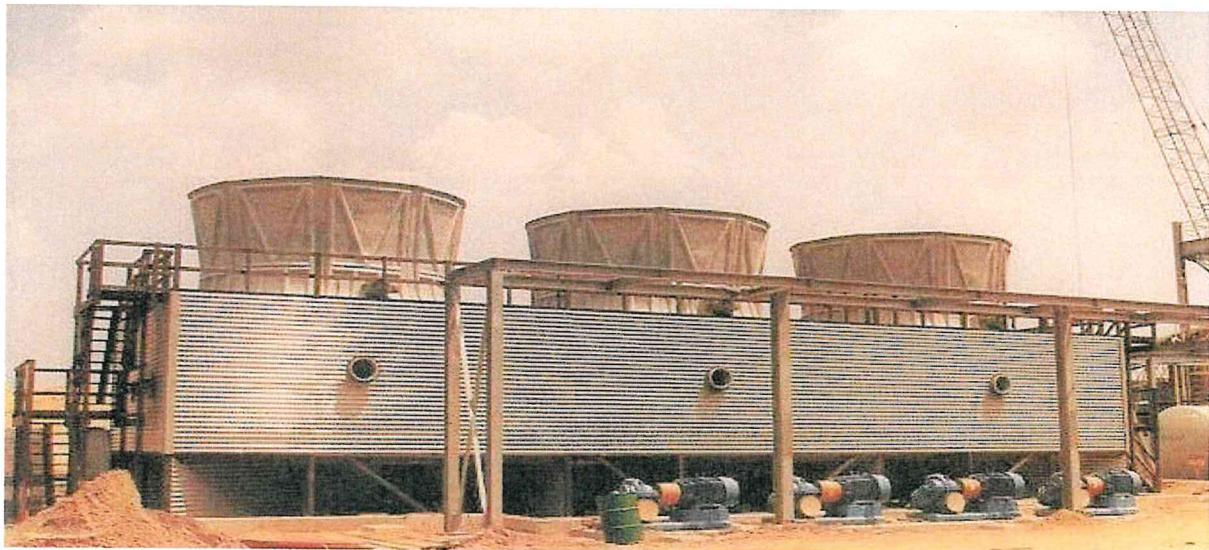




ALL STAR SERIES COUNTERFLOW

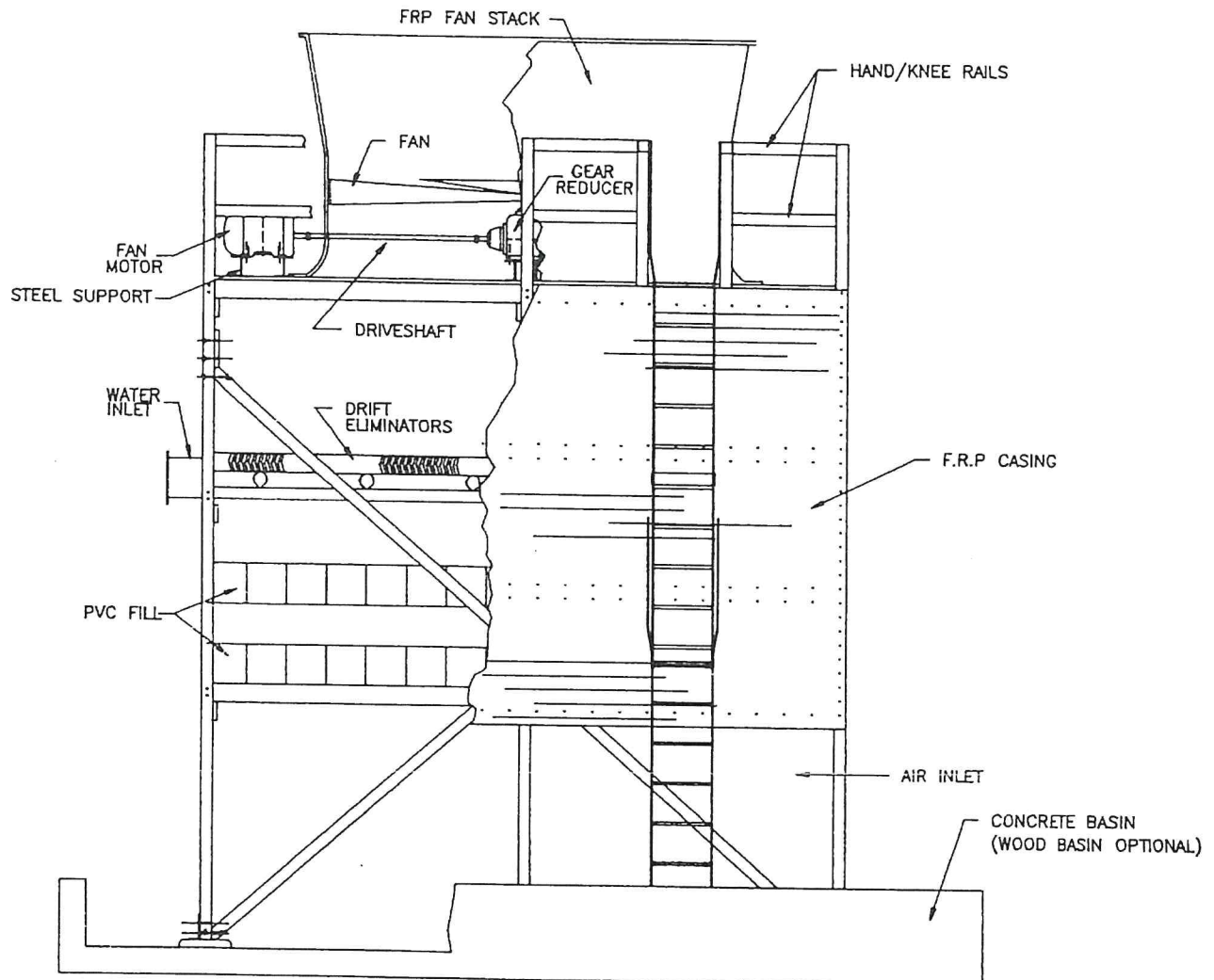


ASC pre-engineered Field Erect Cooling Towers

- 16 models from 500 to 1,500 tons per cell
- Flow rates from 1,000 to 10,000 GPM
- Performance engineered to lower operating costs
- Meets or exceeds CTI code specifications



TYPICAL CROSS SECTION ASC SERIES



ASC OPTIONAL CONSTRUCTION AND ACCESSORIES

OPTIONAL STRUCTURAL MATERIALS

- Redwood lumber and 2 x 6 T & G redwood fan deck can be provided.

ACCESS AND SAFETY

- Ladder safety cage can be added to standard ladder for additional safety.
- Optional stairway of wood construction for fan deck access.

OPTIONAL BASIN

- Wood cold water basin for installation on steel grillage provided by owner.

MECHANICAL EQUIPMENT

- Vibration shut-off switch on mechanical equipment support.
- Drive shaft and couplings of stainless steel.

SELECTION TABLES

SINGLE CELL CAPACITY IN U.S. GALLONS PER MINUTE

| WET BULB | | 70 | | | | 75 | | | | 78 | | | | 80 | | | |
|--------------|------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|
| TEMPERATURES | | 95 85 | 100 85 | 100 90 | 105 90 | 95 85 | 100 85 | 100 90 | 105 90 | 95 85 | 100 85 | 100 90 | 105 90 | 95 85 | 100 85 | 100 90 | 105 90 |
| MODEL | H.P. | | | | | | | | | | | | | | | | |
| ASC1 1-1 | 15 | 2236 | 1726 | 2932 | 2241 | 1767 | 1392 | 2493 | 1924 | 1414 | 1136 | 2190 | 1673 | 1179 | 960 | 1931 | 1557 |
| ASC1 2-1 | 20 | 2437 | 1882 | 3196 | 2441 | 1927 | 1515 | 2713 | 2096 | 1538 | 1234 | 2386 | 1820 | 1279 | 1043 | 2100 | 1694 |
| ASC1 3-1 | 25 | 2607 | 2009 | 3417 | 2606 | 2057 | 1617 | 2901 | 2242 | 1641 | 1316 | 2552 | 1944 | 1366 | 1112 | 2243 | 1808 |
| ASC1 4-1 | 30 | 2754 | 2120 | 3610 | 2754 | 2172 | 1708 | 3065 | 2364 | 1732 | 1386 | 2692 | 2053 | 1439 | 1172 | 2366 | 1907 |
| ASC2 1-1 | 15 | 2498 | 1988 | 3209 | 2523 | 2028 | 1646 | 2770 | 2208 | 1680 | 1387 | 2447 | 1972 | 1447 | 1212 | 2253 | 1833 |
| ASC2 2-1 | 20 | 2722 | 2165 | 3493 | 2747 | 2209 | 1791 | 3015 | 2404 | 1827 | 1508 | 2667 | 2146 | 1572 | 1317 | 2454 | 1995 |
| ASC2 3-1 | 25 | 2910 | 2314 | 3734 | 2936 | 2360 | 1915 | 3228 | 2571 | 1953 | 1608 | 2849 | 2293 | 1679 | 1404 | 2623 | 2130 |
| ASC2 4-1 | 30 | 3073 | 2442 | 3947 | 3103 | 2492 | 2021 | 3406 | 2714 | 2059 | 1697 | 3005 | 2416 | 1771 | 1481 | 2770 | 2250 |
| ASC3 3-1 | 25 | 3479 | 2682 | 4560 | 3481 | 2747 | 2161 | 3869 | 2994 | 2197 | 1762 | 3327 | 2599 | 1832 | 1489 | 3000 | 2362 |
| ASC3 4-1 | 30 | 3671 | 2832 | 4814 | 3678 | 2900 | 2282 | 4092 | 3158 | 2317 | 1858 | 3595 | 2743 | 1927 | 1570 | 3168 | 2563 |
| ASC3 5-1 | 40 | 4002 | 3085 | 5248 | 4008 | 3163 | 2485 | 4455 | 3441 | 2522 | 2017 | 3918 | 2986 | 2096 | 1707 | 3446 | 2780 |
| ASC3 6-1 | 50 | 4282 | 3297 | 5612 | 4280 | 3377 | 2653 | 4758 | 3680 | 2691 | 2153 | 4191 | 3189 | 2236 | 1821 | 3681 | 2967 |
| ASC4 5-1 | 40 | 5432 | 4195 | 7118 | 5445 | 4299 | 3382 | 6046 | 4681 | 3434 | 2755 | 5320 | 4065 | 2866 | 2330 | 4685 | 3694 |
| ASC4 6-1 | 50 | 5812 | 4483 | 7610 | 5815 | 4589 | 3611 | 6457 | 5002 | 3684 | 2936 | 5690 | 4341 | 3048 | 2486 | 5005 | 3941 |
| ASC4 7-1 | 60 | 6138 | 4732 | 8039 | 6145 | 4844 | 3813 | 6831 | 5276 | 3867 | 3093 | 6002 | 4584 | 3215 | 2621 | 5280 | 4165 |
| ASC4 8-1 | 75 | 6557 | 5059 | 8591 | 6260 | 5184 | 4074 | 7295 | 5643 | 4125 | 3304 | 6417 | 4890 | 3431 | 2796 | 5641 | 4441 |

TWO (2) CELL CAPACITY IN U.S. GALLONS PER MINUTE

| WET BULB | | 70 | | | | 75 | | | | 78 | | | | 80 | | | |
|--------------|------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|
| TEMPERATURES | | 95 85 | 100 85 | 100 90 | 105 90 | 95 85 | 100 85 | 100 90 | 105 90 | 95 85 | 100 85 | 100 90 | 105 90 | 95 85 | 100 85 | 100 90 | 105 90 |
| MODEL | H.P. | | | | | | | | | | | | | | | | |
| ASC1 1-2 | 15 | 4411 | 3402 | 5789 | 4421 | 3482 | 2740 | 4912 | 3798 | 2784 | 2281 | 4224 | 3298 | 2372 | 1927 | 3889 | 3069 |
| ASC1 2-2 | 20 | 4810 | 3706 | 6317 | 4816 | 3794 | 2983 | 5353 | 4136 | 3097 | 2482 | 4599 | 3589 | 2576 | 2096 | 4238 | 3340 |
| ASC1 3-2 | 25 | 5142 | 3960 | 6746 | 5143 | 4055 | 3189 | 5716 | 4420 | 3307 | 2648 | 4908 | 3830 | 2749 | 2238 | 4529 | 3565 |
| ASC1 4-2 | 30 | 5431 | 4185 | 7126 | 5435 | 4286 | 3365 | 6047 | 4662 | 3492 | 2791 | 5185 | 4043 | 2901 | 2360 | 4783 | 3766 |
| ASC2 1-2 | 15 | 4935 | 3928 | 6339 | 4986 | 4004 | 3248 | 5474 | 4363 | 3347 | 2765 | 4880 | 3933 | 2851 | 2391 | 4450 | 3619 |
| ASC2 2-2 | 20 | 5382 | 4278 | 6906 | 5430 | 4360 | 3535 | 5963 | 4747 | 3643 | 3008 | 5321 | 4284 | 3102 | 2596 | 4849 | 3938 |
| ASC2 3-2 | 25 | 5748 | 4571 | 7383 | 5803 | 4660 | 3780 | 6374 | 5079 | 3897 | 3211 | 5686 | 4576 | 3313 | 2771 | 5181 | 4206 |
| ASC2 4-2 | 30 | 6072 | 4823 | 7805 | 6127 | 4917 | 3986 | 6731 | 5357 | 4109 | 3387 | 5998 | 4826 | 3496 | 2920 | 5470 | 4443 |
| ASC3 3-2 | 25 | 6830 | 5258 | 8965 | 6842 | 5389 | 4239 | 7611 | 5877 | 4397 | 3526 | 6533 | 5101 | 3661 | 2976 | 6022 | 4744 |
| ASC3 4-2 | 30 | 7208 | 5555 | 9465 | 7224 | 5687 | 4474 | 8030 | 6204 | 4642 | 3719 | 6901 | 5384 | 3859 | 3140 | 6357 | 5010 |
| ASC3 5-2 | 40 | 7862 | 6053 | 10330 | 7864 | 6198 | 4869 | 8752 | 6759 | 5056 | 4039 | 7516 | 5860 | 4197 | 3415 | 6926 | 5454 |
| ASC3 6-2 | 50 | 8407 | 6471 | 11034 | 8409 | 6626 | 5206 | 9365 | 7224 | 5399 | 4319 | 8022 | 6264 | 4480 | 3648 | 7404 | 5822 |
| ASC4 5-2 | 40 | 10617 | 8192 | 13935 | 10638 | 8382 | 6594 | 11812 | 9146 | 6844 | 5488 | 10166 | 7934 | 5701 | 4635 | 9366 | 7378 |
| ASC4 6-2 | 50 | 11357 | 8755 | 14899 | 11360 | 8954 | 7048 | 12652 | 9775 | 7307 | 5851 | 10849 | 8485 | 6071 | 4944 | 10009 | 7884 |
| ASC4 7-2 | 60 | 11985 | 9243 | 15728 | 12017 | 9468 | 7440 | 13346 | 10311 | 7717 | 6168 | 11462 | 8943 | 6412 | 5215 | 10559 | 8326 |
| ASC4 8-2 | 75 | 12824 | 9878 | 16819 | 12834 | 10109 | 7944 | 14253 | 11027 | 8239 | 6590 | 12247 | 9551 | 6843 | 5564 | 11295 | 8887 |

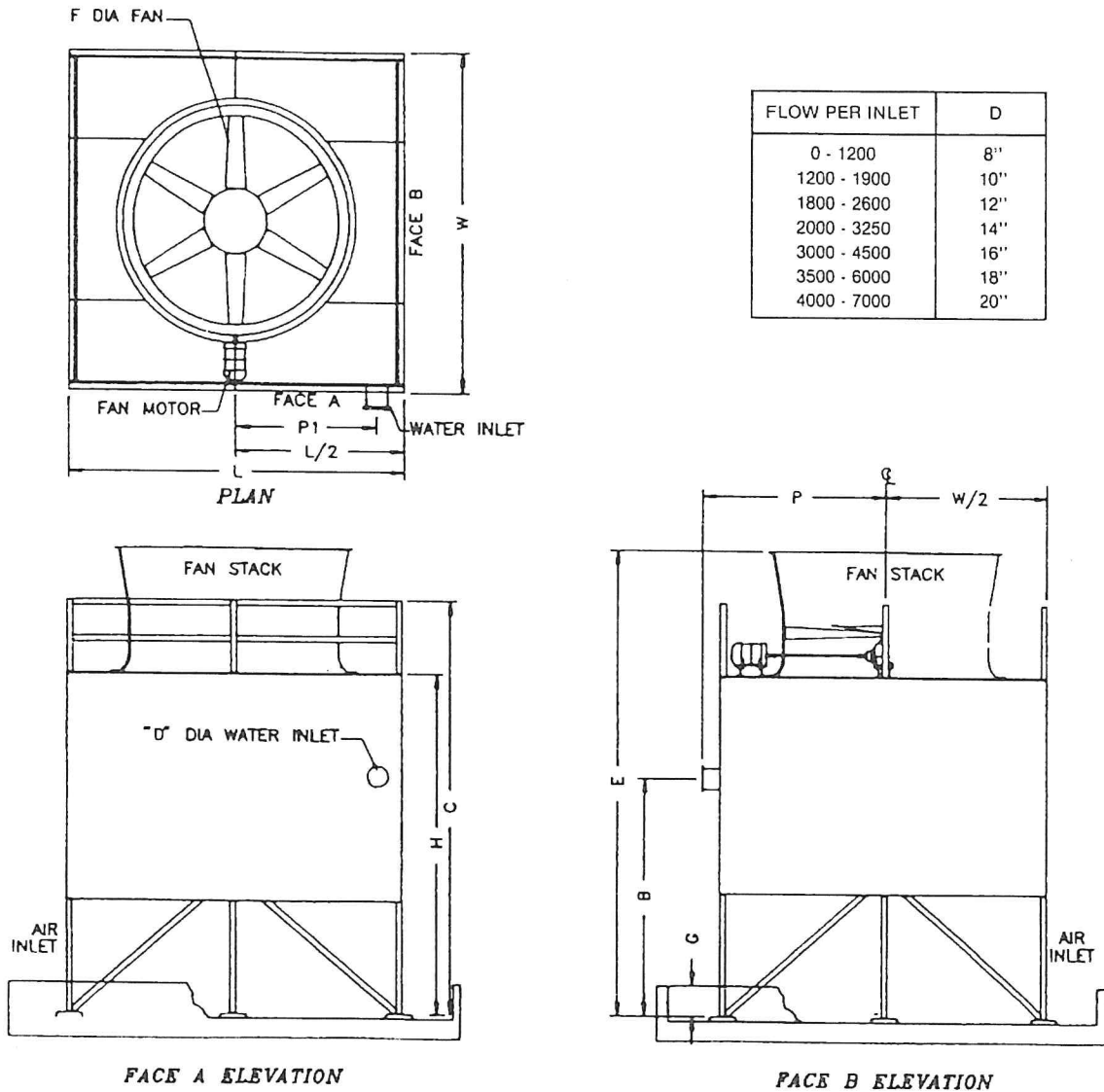
NOTES:

1. TABLE SHOWS PERFORMANCE CAPABILITY AT VARIOUS COMMON CONDITIONS. FOR CONDITIONS NOT SHOWN, CONSULT YOUR S.C.T.I. REPRESENTATIVE.
2. CAPACITIES ARE SHOWN FOR ONE AND TWO CELL MODELS IN OPEN, UNOBSTRUCTED INSTALLATIONS. WHEN MORE THAN TWO CELLS ARE REQUIRED OR WHEN THERE ARE LESS THAN THREE UNOBSTRUCTED AIR INLETS PER CELL, CONSULT YOUR LOCAL S.C.T.I. REPRESENTATIVE.
3. TO CONTROL ALL POTENTIAL CONTAMINANTS, A WATER TREATMENT PROGRAM MUST BE EMPLOYED. FOR SPECIFIC RECOMMENDATIONS ON WATER TREATMENT, CONTACT YOUR S.C.T.I. REPRESENTATIVE OR A COMPETENT WATER TREATMENT SUPPLIER.

DIMENSIONING DATA - SINGLE CELL

| MODEL NO. | L | W | H** | B** | C** | E** | F | G | P | P1 |
|-----------|------------|------------|--------|------------|--------|--------|--------|-------|--------|-------|
| ASC1 1-1 | 16'-3 1/2" | 16'-3 1/2" | 16'-6" | 11'-5 3/4" | 20'-0" | 22'-6" | 10'-0" | 1'-6" | 9'-0" | 7'-4" |
| ASC1 2-1 | | | | | | | | | | |
| ASC1 3-1 | | | | | | | | | | |
| ASC1 4-1 | | | | | | | | | | |
| ASC2 1-1 | 16'-3 1/2" | 16'-3 1/2" | 16'-6" | 11'-5 3/4" | 20'-0" | 22'-6" | 10'-0" | 1'-6" | 9'-0" | 7'-4" |
| ASC2 2-1 | | | | | | | | | | |
| ASC2 3-1 | | | | | | | | | | |
| ASC2 4-1 | | | | | | | | | | |
| ASC3 3-1 | 16'-3 1/2" | 24'-3 1/2" | 16'-0" | 11'-7 3/4" | 20'-0" | 26'-6" | 12'-0" | 1'-0" | 13'-0" | 2'-8" |
| ASC3 4-1 | | | | | | | | | | |
| ASC3 5-1 | | | | | | | | | | |
| ASC3 6-1 | 24'-3 1/2" | 24'-3 1/2" | 16'-0" | 11'-7 3/4" | 20'-0" | 26'-6" | 16'-0" | 1'-0" | 13'-0" | 2'-8" |
| ASC4 5-1 | | | | | | | | | | |
| ASC4 6-1 | | | | | | | | | | |
| ASC4 7-1 | 24'-3 1/2" | 24'-3 1/2" | 16'-0" | 11'-7 3/4" | 20'-0" | 26'-6" | 16'-0" | 1'-0" | 13'-0" | 2'-8" |
| ASC4 8-1 | | | | | | | | | | |

**SEE NOTE 1



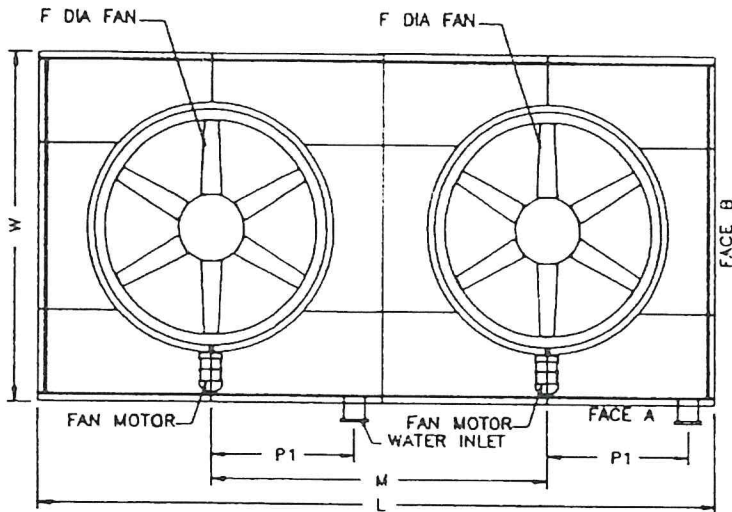
NOTES:

1. ADD 0'-7" TO DIMENSIONS TO OBTAIN ELEVATIONS FROM THE TOP OF BASIN SUPPORTS WHEN USING A WOOD BASIN.
2. INLET PIPING CONFORMS TO CLASS 150 FLAT FACED FLANGE ANSI B16.5-1973. HOLES STRADDLE VERTICAL AND HORIZONTAL CENTER LINES OF INLET.
3. RISER PIPING AND SUPPORTS TO BE PROVIDED BY OWNER. ALL PIPING AND OTHER EQUIPMENT OR MATERIAL EXTERNAL TO THE TOWER MUST BE SUPPORTED INDEPENDENTLY OF THE TOWER STRUCTURE.

DIMENSIONING DATA - TWO CELL

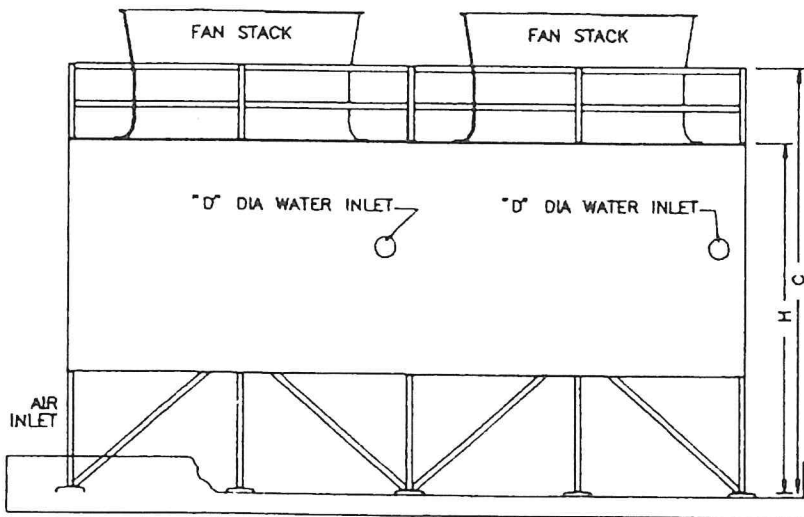
| MODEL NO. | L | W | H** | B** | C** | E** | F | G | P | P1 | M |
|-----------|------------|------------|--------|------------|--------|--------|--------|-------|--------|-------|-----|
| ASC1 1-2 | 32'-3 1/2" | 16'-3 1/2" | 16'-6" | 11'-5 3/4" | 20'-0" | 22'-6" | 10'-0" | 1'-6" | 9'-0" | 7'-4" | 16' |
| ASC1 2-2 | | | | | | | | | | | |
| ASC1 3-1 | | | | | | | | | | | |
| ASC1 4-1 | | | | | | | | | | | |
| ASC2 1-2 | 32'-3 1/2" | 16'-3 1/2" | 16'-6" | 11'-5 3/4" | 20'-0" | 22'-6" | 10'-0" | 1'-6" | 9'-0" | 7'-4" | 16' |
| ASC2 2-2 | | | | | | | | | | | |
| ASC2 3-2 | | | | | | | | | | | |
| ASC2 4-2 | | | | | | | | | | | |
| ASC3 3-2 | 32'-3 1/2" | 24'-3 1/2" | 16'-0" | 11'-7 3/4" | 20'-0" | 22'-6" | 12'-0" | 1'-0" | 13'-0" | 2'-8" | 16' |
| ASC3 4-2 | | | | | | | | | | | |
| ASC3 5-2 | | | | | | | | | | | |
| ASC3 6-2 | | | | | | | | | | | |
| ASC4 5-2 | 48'-3 1/2" | 24'-3 1/2" | 16'-0" | 11'-7 3/4" | 20'-0" | 26'-6" | 16'-0" | 1'-0" | 13'-0" | 2'-8" | 24' |
| ASC4 6-2 | | | | | | | | | | | |
| ASC4 7-2 | | | | | | | | | | | |
| ASC4 8-2 | | | | | | | | | | | |

**SEE NOTE 1

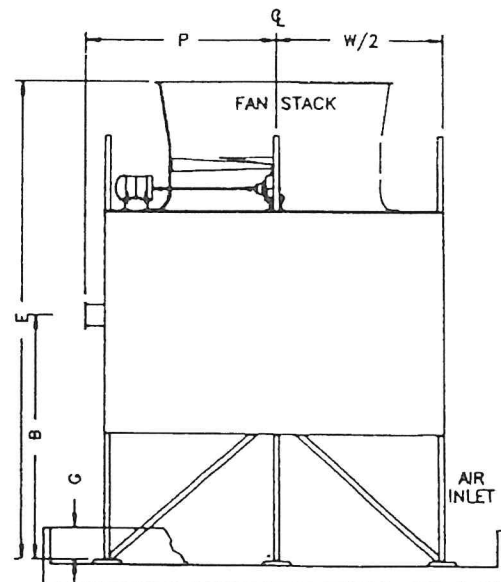


PLAN

| FLOW PER INLET | D |
|----------------|-----|
| 0 - 1200 | 8" |
| 1200 - 1900 | 10" |
| 1800 - 2600 | 12" |
| 2000 - 3250 | 14" |
| 3000 - 4500 | 16" |
| 3500 - 6000 | 18" |
| 4000 - 7000 | 20" |



FACE A ELEVATION



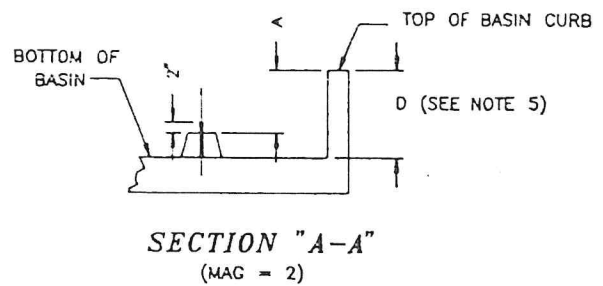
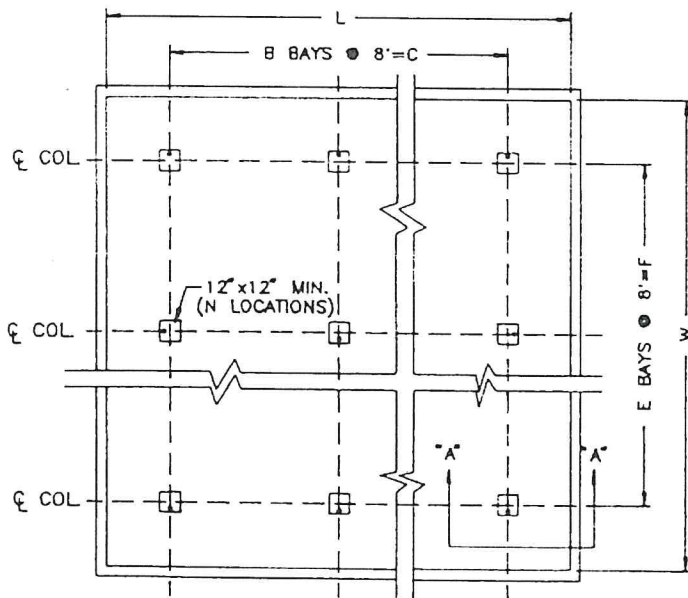
FACE B ELEVATION

NOTES:

1. ADD 0'-7" TO DIMENSIONS TO OBTAIN ELEVATIONS FROM THE TOP OF BASIN SUPPORTS WHEN USING A WOOD BASIN.
2. INLET PIPING CONFORMS TO CLASS 150 FLAT FACED FLANGE. ANSI B16.5-1973. HOLES STRADDLE VERTICAL AND HORIZONTAL CENTER LINES.
3. RISER PIPING AND SUPPORTS TO BE PROVIDED BY OWNER. ALL PIPING AND OTHER EQUIPMENT OR MATERIAL EXTERNAL TO THE TOWER MUST BE SUPPORTED INDEPENDENTLY OF THE TOWER.

CONCRETE BASIN DIMENSIONS

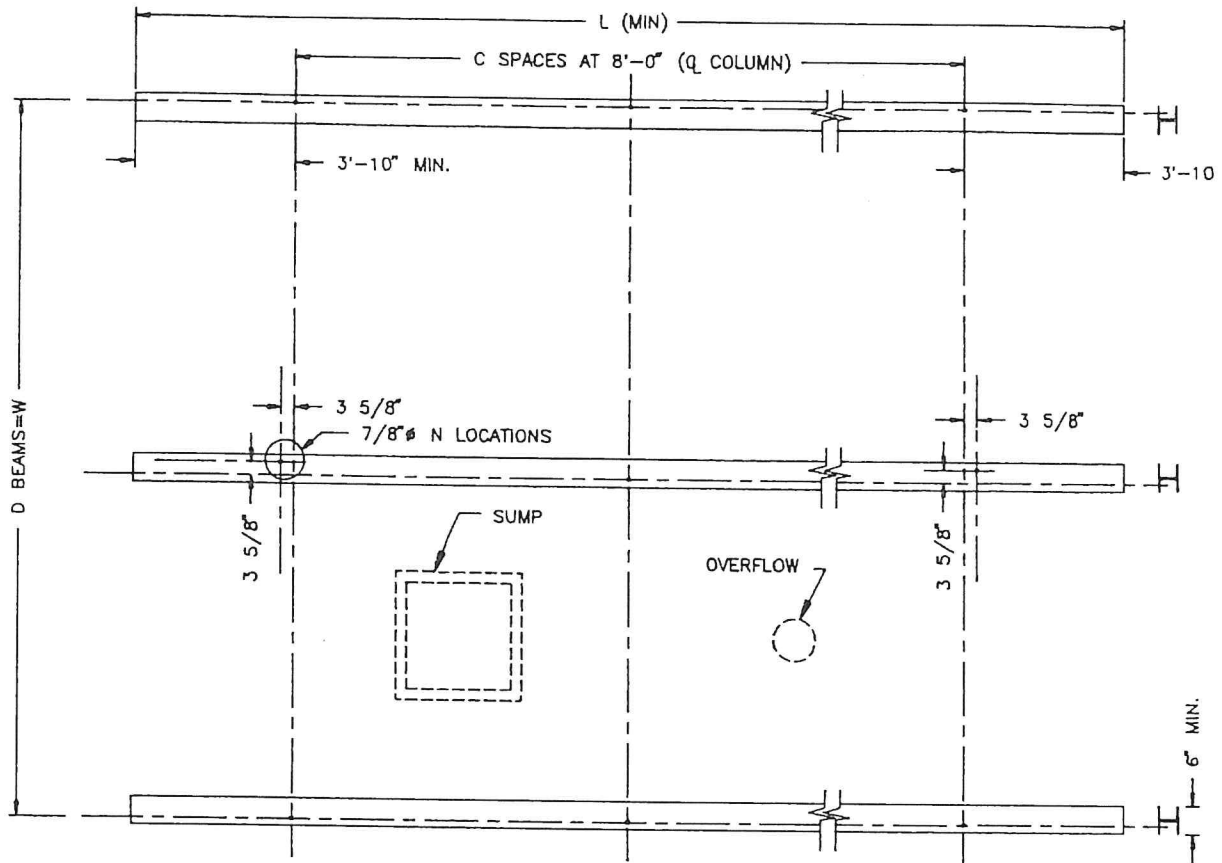
| MODEL NO. | ONE CELL | | | | | | | | W | TWO CELL | | | | | | | |
|-----------|----------|---|--------|---|--------|-------|----|-----------|--------|----------|---|--------|---|--------|-------|----|-----------|
| | L | B | C | E | F | A | N | OPER. WT. | | L | B | C | E | F | A | N | OPER. WT. |
| ASC1 1 | | | | | | | | | | | | | | | | | |
| ASC1 2 | | | | | | | | | | | | | | | | | |
| ASC1 3 | 22'-0" | 2 | 16'-0" | 2 | 16'-0" | 1'-6" | 9 | 34,920 | 22'-0" | 38'-0" | 4 | 32'-0" | 2 | 16'-0" | 1'-6" | 15 | 64,951 |
| ASC1 4 | | | | | | | | | | | | | | | | | |
| ASC2 1 | | | | | | | | | | | | | | | | | |
| ASC2 2 | | | | | | | | | | | | | | | | | |
| ASC2 3 | 22'-0" | 2 | 16'-0" | 2 | 16'-0" | 1'-6" | 9 | 35,879 | 22'-0" | 38'-0" | 4 | 32'-0" | 2 | 16'-0" | 1'-6" | 15 | 66,735 |
| ASC2 4 | | | | | | | | | | | | | | | | | |
| ASC3 3 | | | | | | | | | | | | | | | | | |
| ASC3 4 | | | | | | | | | | | | | | | | | |
| ASC3 5 | 22'-0" | 2 | 16'-0" | 3 | 24'-0" | 1'-0" | 12 | 51,284 | 30'-0" | 38'-0" | 4 | 32'-0" | 3 | 24'-0" | 1'-0" | 20 | 95,388 |
| ASC3 6 | | | | | | | | | | | | | | | | | |
| ASC4 5 | | | | | | | | | | | | | | | | | |
| ASC4 6 | | | | | | | | | | | | | | | | | |
| ASC4 7 | 30'-0" | 3 | 24'-0" | 3 | 24'-0" | 1'-0" | 16 | 72,609 | 30'-0" | 54'-0" | 6 | 48'-0" | 3 | 24'-0" | 1'-0" | 28 | 135,052 |
| ASC4 8 | | | | | | | | | | | | | | | | | |



NOTES:

- (N) 3/4" ANCHOR BOLTS WITH 2" THREAD AND PROJECTION SUPPLIED AND INSTALLED BY OWNER.
- (N) 3/4" FLAT WASHERS AND NUTS SUPPLIED BY OWNER.
- CONCRETE BASIN, SUMP, OVERFLOW, DRAIN, CLEANOUT AND WATER MAKE-UP TO BE DESIGNED, FURNISHED AND INSTALLED BY OWNER IN ACCORDANCE WITH DIMENSIONS AND REQUIREMENTS GIVEN.
- ALL COLUMN LOCATIONS TO BE FLUSH AND LEVEL TO WITHIN $\pm 1/8"$ OF DIMENSIONS GIVEN.
- D DIMENSION MAY BE SPECIFIED BY OWNER.
- ALL BOLTS ARE 3 5/8" FROM CENTER OF COLUMN.
- OPERATING WEIGHT DOES NOT INCLUDE CONCRETE BASIN OR WATER IN BASIN.

PLAN OF SUPPORTING STEEL (OPTIONAL: Wood Cold Water Basin)



| MODEL NO. | ONE CELL | | | W | TWO CELL | | | D | N |
|-----------|----------|---|-----------|------------|----------|---|-----------|---|----|
| | L | C | OPER. WT. | | L | C | OPER. WT. | | |
| ASC1 1 | 23'-8" | 2 | 70,414 | 16'-7 1/4" | 39'-8" | 4 | 125,589 | 3 | 9 |
| ASC1 2 | | | | | | | | | |
| ASC1 3 | | | | | | | | | |
| ASC1 4 | | | | | | | | | |
| ASC2 1 | 23'-8" | 2 | 71,373 | 16'-7 1/4" | 39'-8" | 4 | 127,373 | 3 | 9 |
| ASC2 2 | | | | | | | | | |
| ASC2 3 | | | | | | | | | |
| ASC2 4 | | | | | | | | | |
| ASC3 3 | 23'-8" | | 99,322 | 24'-7 1/4" | 39'-8" | 4 | 177,586 | 4 | 12 |
| ASC3 4 | | | | | | | | | |
| ASC3 5 | | | | | | | | | |
| ASC3 6 | | | | | | | | | |
| ASC4 5 | 31'-8" | | 137,727 | 24'-7 1/4" | 55'-8" | 6 | 251,409 | 4 | 16 |
| ASC4 6 | | | | | | | | | |
| ASC4 7 | | | | | | | | | |
| ASC4 8 | | | | | | | | | |

NOTES:

1. ALL STEEL AS SHOWN TO BE DESIGNED, FURNISHED AND INSTALLED BY OTHERS.
2. ALL HOLES ARE 7/8" DIAMETER AND ARE TO BE DRILLED BY OTHERS AT DIMENSIONS SHOWN.
3. ALL STEEL MUST BE LEVEL AND FLUSH AT TOP.
4. SUMP OR SUMPS MAY BE LOCATED ON THE CENTER LINE OF ANY BAY AS SHOWN. ADEQUATE CLEARANCE MUST BE PROVIDED BELOW STEEL GRILLAGE FOR SUMP AND PIPING.
5. OPERATING WEIGHT INCLUDES REDWOOD BASIN AND MAXIMUM WATER LEVEL OF 11 1/2" IN THE COLLECTION BASIN.

ENGINEERING SPECIFICATIONS

GENERAL

Overall length not to exceed _____ ft.
Overall width not to exceed _____ ft.
Overall height not to exceed _____ ft.

THERMAL DATA

Tower to cool _____ USGPM of water.
Hot water temperature to be _____ F.
Desired cold water temperature to be _____ F.
Entering wet bulb temperature to be _____ F.
Total fan horsepower at driver not to exceed _____ HP.

TOWER STRUCTURE

The tower's structural members are available in #1 dense or better Douglas Fir lumber or pultruded fiberglass shapes. The framework consists of stainless-steel base anchor connectors, vertical columns, diagonal braces, and horizontal members. All structural joints and connections are through bolted with 1/2" S.S. hardware employing load transfer structural connectors where needed.

TOWER CASING

The tower casing is 8 oz./ft² corrugated FRP panels. Corrugations are horizontal and panels are lapped a minimum of one corrugation and all laps are sealed with a polyurethane caulking. Sheets are attached using S.S. ring shank nails with a maximum horizontal span of four feet.

FAN DECK

The fan deck is available in 3/4" treated plywood or 1-1/8" non-skid FRP deck. The decking is supported by 2 x 6 joists or 5 1/2" FRP channel which are in turn supported by 2 x 6 or 5 1/2" FRP channel joist supports. Maximum span of deck sheathing is 24".

HEAT TRANSFER MEDIA

Fill media is PVC film type with a minimum surface area of 42 ft²/ft³. Fill is installed in alternating layers at right angles to prevent excessive flow around fill and to provide improved distribution of air and water within the fill media.

HOT WATER DISTRIBUTION SYSTEM

Inlet water headers are transverse with longitudinal branches supplying water to low pressure spray nozzles designed exclusively for cooling tower use. Laterals and nozzles are easily removed for cleaning or inspection. All piping is PVC (polyvinyl chloride).

DRIFT ELIMINATOR SYSTEM

The drift eliminators are PVC blade type and are installed in easily removable panels that are supported by the distribution piping. The blades provide a minimum of 3 distinct changes in air direction.

FAN

The fan is a multiblade axial flow fiberglass fan. The wide chord and tapered design results in a highly efficient air moving system. Each fan has a minimum of five blades.

GEAR SPEED REDUCER

The gear speed reducer is a right-angle spiral bevel helical gear designed specifically for cooling tower use in accordance with standards set forth by AGMA and CTI. Reducers are selected to provide a minimum service factor of 2.0 based on driver nameplate horsepower.

DRIVE SHAFTS

Drive shafts consist of non-lubricated zinc plated couplings with stainless steel hardware and a full floating zinc plated spacer. The drive shaft is selected to provide a minimum service factor of 2.0 at nameplate horsepower of driver.

MOTOR

The fan motor is single speed, single winding, totally enclosed fan cooled (TEFC) with a minimum service factor of 1.15. The motor is mounted exterior of the fan stack and is selected to operate at or below nameplate horsepower for design conditions.

MECHANICAL EQUIPMENT SUPPORT

The mechanical equipment is supported by a hot dipped galvanized structural steel support designed for ease of alignment and invariable alignment during operation.