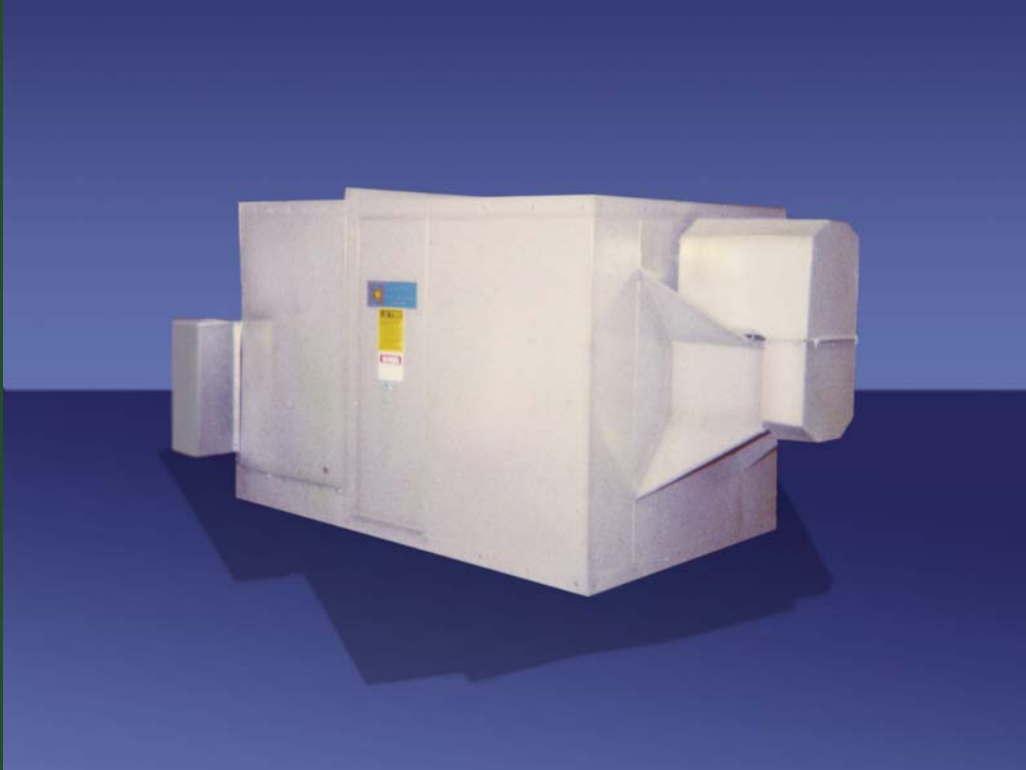


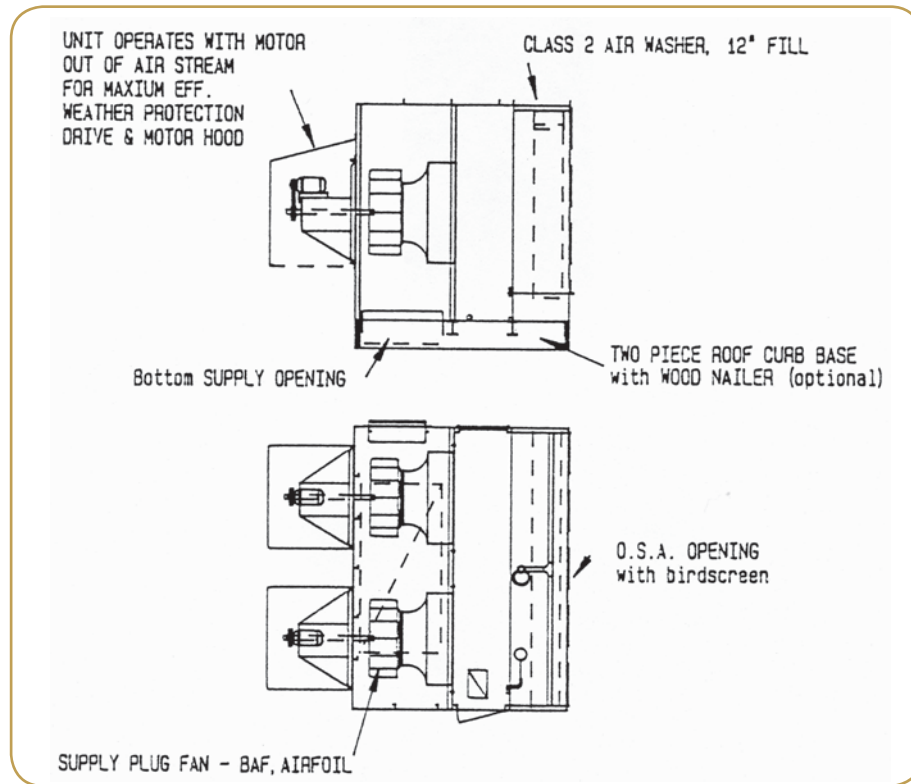
SUN WEST AIR  
Washing Units  
Class 3 with Plug Fan Selection

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QUALITY • RELIABILITY • SERVICE

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## SAMPLE SPECIFICATIONS CLASS 3 AIR WASHER WITH PLUG FAN SECTION

### GENERAL CONSTRUCTION FEATURES

**Supply Fan:** Supply fan shall be factory manufactured PLUG FAN AIRFOIL BACKWARD CURVED WHEEL with the motor and drive located out of the air stream. The fan shall be manufactured by the same manufacturer of the air washer unit.

Plug fan design with non-overloading backwardly inclined, airfoil wheel normally requires less BHP than a forwardly-curved fan giving the owner a more energy conserving design as well as maintenance savings because the motor and drive assemblies are located out of the moist air stream.

Plug Fan assembly shall be manufactured by Mallory/Sun West, model BAFPG, and shall be quite operating, centrifugal type, backward curved airfoil design, statically and dynamically balanced. Fan(s) shall be single inlet (SWSI), Class 1, arrangement 9, mounted on a minimum 10 gauge steel panel with formed flanges to maintain flatness and rigidity. Panel is pre-punched for bolt mounting. "Cross Frame" bearing support is designed for maximum stability and load spreading. Bearings are serviceable without disassembly of panel or frame. Fans shall not incorporate a curved scroll housing.

Adjustable Motor Base having a four point leveling and tension adjustment to insure proper drive belt alignment. The motor base is heavy gauge steel and pre-punched to accept standard motor frame specified.

Motors shall be designed for 460/230V-3hp-60cycle electrical service unless otherwise scheduled. The speed of the motors for belt driven machinery shall be 1800 RPM (maximum) and the pulley ratio shall not exceed 6 to 1. All motors for belt driven machines shall have adjustable mounting bases for adjusting belt tension.

Motors shall be installed protected from weather having open drip proof (ODP) enclosures. Motors shall be provided with double shielded grease lubricated ball bearings, with grease pockets on each side for re-greasing while in service. Inlet and outlet grease connections shall be provided in motor housings for each bearing. ODB motors shall be of sufficient capacity to drive the equipment thereto at the indicated conditions without exceeding the name plate rating of the motor (not including the service factor).

Motors shall be of energy efficient design and rated in accordance to the NEMA Test Standard MG1-12.53a (IEEE-112, Test Method). The motors used shall be a Class B rating and bearing life on the motor shall be L-10 rated for 50,000 hours. Motors shall be self-ventilating suitable for operation at the required elevation above sea level. The motors shall be constructed with cast iron or steel frames.

Fan inlet cones shall be of the aerodynamically spun type matching the fan wheel cone. Bearings shall be supported from a pedestal frame welded to the panel assembly. All sheet metal parts and angle iron parts shall be painted with a rust resistant finish.

Fan impeller shall be non-power overloading with die-formed, backwardly inclined airfoil blades. Blades shall be welded to the spun rim and the hub plate. Hubs shall be cast iron or machined steel billet type securely bolted to the hub plate. All wheels shall be turned after assembly and dynamically balanced. Wheels shall be keyed to the shaft in all classes.

Fan bearings shall be of ball or spherical roller type mounted in sealed self aligning pillow blocks and pre-lubricated. Bearings shall be selected for a minimum L-10 life of 200,000 hours. Bearings



Shall be installed to precise tolerances at the factory and shall require no field adjustment.

Fan shafts shall be solid steel machined to standard diameters and tolerances for turned ground and polished shafts. Shafts shall be sized to accommodate a critical speed at least 25% greater than the fan design speed.

The fan wheel and shaft assembly shall be statically and dynamically balanced prior to assembly. Following assembly, the fan balance shall be tested using an electronic balance analyzer with tunable filter and stroboscope. Vibration measurements shall be taken on each bearing at design RPM to detect misalignment, bearing defects, mechanical looseness or foundation weakness.

Fan drives shall be detected with a minimum belt horsepower capacity of 120% of the motor nameplate horsepower. The motor sheaves shall be selected for the rated fan RPM as determined by the fan capacity requirements scheduled. The fan sheaves shall be of the non-adjustable type with removable machined bushings. Fan sheaves shall be machined on all surfaces. Fan sheaves shall be statically balanced. The belts shall be standard "V-Groove" type suitable for the service intended with the capacities required. The belts shall be closely matched and installed prior to delivery to the job site.

Air Washer & Fan Section Casing: Fabricated of galvanized steel 22 Ga. through 18 Ga. with flange connection and stiffening and support members as required.

The floor shall be a single layer of 18 Ga. galvanized steel welded in place where required with silicon bronze. Safety drains shall be provided as required. See detail drawing.

The wall and roof construction to be 20 and/or 18 Ga. galvanized steel single wall construction. Wall joints to be double channel lock with self-tapping screws with all joints and seams caulked and sealed air and water tight. Roof shall be 18 Ga. galvanized steel using a 2" high (max.) standing

seam joint with sealant or a cross broken single piece assembly. See detail drawing.

Access to Equipment: Two removable panels on each side of the fan cabinet and removable roof provide ample access passage into the unit. All removable parts are securely held in place by non-rusting screws.

Evaporative Cooling Section/Air Washer: With 12" thick fill and shall employ a media in which one cubic ft. of media provides a minimum of 123 ft.<sup>2</sup> of evaporative surface. Evaporative media shall be made of cellulose paper impregnated with insoluble anti-rot salts, rigidifying saturants and wetting agents. The media shall be non-clogging and produce no water carry over at velocities as high as 700 FPM with proper water flow. Unit capacity and efficiency as scheduled. The tank shall be 14-10 Ga. steel with continuous welds at all joints with two coatings of coal tar epoxy on all surfaces - including the angle fill support brackets. Tank to have 3/8" or 1/2" float valve for balancing. Bleed off provision provided piped to overflow drain.

Pump: Pump shall be submersible type with cast iron housing, polypropylene base, polycarbonate cover, and lifetime oil supply. Non-clog pumping head and impeller. Screened intake; 1/150 to 1/6 H.P. motor, 115V-1ph-60cy, with sleeve bearings and thermal overload protector. See schedule.

Distribution Header and Pump Discharge Piping: The water distribution header shall be Sch. 40 PVC or copper pipe with drilled ports, no nozzles. the pump discharge riser shall be Sch. 40 PVC or copper with sweated fittings and a threaded fitting connected to pump. Pump and piping sized for desired water flow required for each size Air Washer section to ensure maximum performance. Brass ball valve or other flow control device shall be provided for balancing.

Exterior: Degreased, treated with acid-vinyl-wash primer and painted with acrylic enamel.







**Access to Equipment:** Two removable panels on each side of the fan cabinet and a removable roof provide ample access passage into the unit. All removable parts are securely held in place by non-rusting screws.

### OPTIONAL EQUIPMENT

**Access Doors:** Double wall construction 1" thick with round rubber gasket seals. See detail drawing. Door seals are removable with #260 latches.

**2-Piece Roof Curb/Unit Base:** Shall be constructed of continuously welded formed channel. The base shall be 2-piece type formed channel sub-base curb with a wood nailing strip, and a formed channel unit base to be matched with the sub-base. The curb can be sloped to match that required by the roof structure. Auxiliary cross members of structural angle shall be welded in place under critical sections where heavy internal equipment is to be supported and fastened (i.e.) fans, evaporative cooling sections, etc.).

The base shall be factory manufactured and shall also be furnished with an 18 Ga. cap flashing to facilitate the roofing protection. All openings in the bases shall be framed with either angles or channels welded to the main structural base. The unit shall be fitted with welded lifting lugs. The base will be designed such that during lifting, loading, and transportation, no deflection will occur that results in permanent deformation of any of the equipment. See detail drawings.

### Stainless Steel Alternate Construction

**for Air Washer Section:** The entire Air Washer section, the tank only, or the Air Washer casing walls and roof only may be constructed of #304-2B.

**Protective Intake Screen/Guard:** One half inch bird screen shall be attached to the inlet side of the air washer section and shall be 16 Ga. - 0.063 galvanized wire. The screen shall be removable and shall be designed to eliminate the accumulation of trash and other large debris in the sump.

**Intake Louver:** Shall be fabricated by the air washer unit manufacturer. The blades and frame shall

be formed of 20 Ga. (min.) sheet metal, reinforced as required. One half inch bird screen shall be attached to the inside of the louver and shall be 16 Ga. - 0.063 galvanized wire. The louver shall be removable and shall be designed to withstand a wind load of 20 pounds per square foot. The performance of the louver shall be designed for minimum pressure losses at maximum air flow with virtually no water penetration.

**Intake Hood:** Shall be constructed of 18 Ga. (min.) galvanized steel with one half inch galvanized bird screen attached to the intake opening.

### ESTIMATED WEIGHTS CLASS 3 UNITS

Model	Estimated Shipping Wt.	Estimated Operating Wt.
1-182-3-2	643	853
1-200-4-3	1150	1330
1-200-4-4	1176	1431
1-222-4-3.5	1172	1389
1-245-4-4	1559	1814
1-270-4-5	1963	2218
1-270-5-4	2039	2309
1-300-6-4	2258	2574
1-330-6-5	2840	3235
1-365-7-6	3173	3618
1-365-8-5	3212	3662
1-402-8-6	3788	4318
2-300-8-5	4115	4565
2-330-10-5	4457	5084
2-330-10-6	4601	5245
2-365-10-7	5817	6631
2-365-10-8	5980	6817
2-402-11-7	6561	7479
2-402-12-7	6820	7774
2-402-12-8	7042	8026
2-445-12-9	8441	9622
2-445-13-10	9092	10364





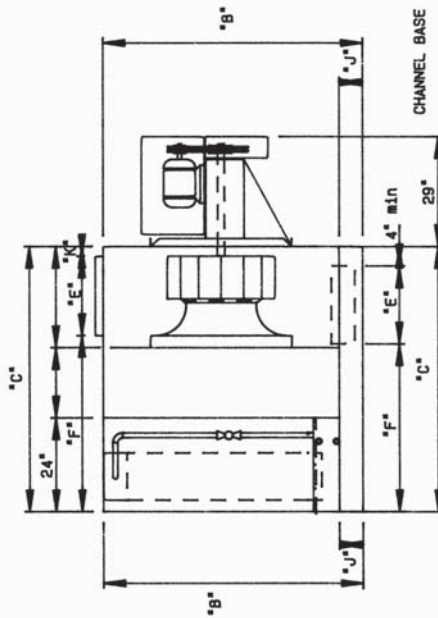
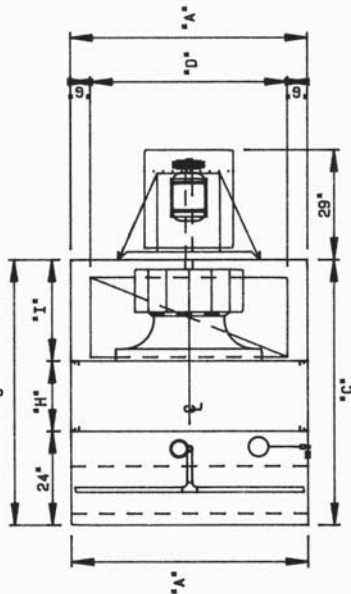
DIMENSIONS using PLUG BAF SWSI FANS

MODEL	A	B	C	D	E	F	G	H	I	J	K
1-200-4-3	48	54	61	36	12	45	6	18	19	4	4
1-245-4-4	48	66	90	96	12	47	6	18	19	4	4
1-270-5-4	60	66	68	48	18	46	6	18	26	6	4
1-300-6-4	72	66	68	60	18	46	6	18	40	6	6
1-330-6-5	72	78	78	60	24	48	6	18	36	8	6
1-365-7-6	84	92	86	72	24	56	6	26	36	8	6
1-365-8-5	96	80	86	84	24	56	6	26	36	8	6
1-402-8-6	96	92	94	84	36	54	6	26	44	8	6

NOTE:

- MAKE-UP WATER CONNECTION 1/2" NPT
- DRAIN AND OVER FLOW CONNECTION 1" NPT
- FLOAT VALVE 1/2"
- SUPPLY FAN FORWARD CURVED DWDI
- MOUNTED ON RUBBER/CORK PADS
- REMOVABLE PANEL ON EACH SIDE OF UNIT FOR ACCESS
- ALL DIMENSIONS ARE IN INCHES
- SEE FAN TABLES FOR MOTOR SIZE RATED AT VARIOUS STATIC PRESSURES
- SEE FAN TABLES FOR EXACT RPM AND BRAKE HORSE POWER
- TABLES BASED ON STATIC PRESSURE AT 0.25"
- MIST ELIMINATORS ARE RECOMMENDED AT 0.15" STATIC PRESSURE DROP

Drain and Overflow connection 1" NPT  
Make-up water connection 1/2"



MODEL	CFM		FACE AREA	FAN SIZE	MOTOR HP		PUMP HP	GPM	HEAD	AIR PRESSURE DROP	EFFICIENCY		SHIPPING WEIGHT (Est.)	OPERATING WEIGHT (Est.)
	NOM.	MAX.			MIN.	MAX.					MIN. 6"	MAX. 12"		
1-200-4-3	5,400	6,480	10.8	200	2.0	5.0	1/6	7.0	10 ft.	0.20	70%	90%	1,150	1,330
1-245-4-4	7,400	8,880	14.8	245	3.0	5.0	1/4	7.5	10 ft.	0.20	70%	90%	1,550	1,815
1-270-5-4	9,400	11,280	18.8	270	5.0	7.5	1/4	7.5	10 ft.	0.20	70%	90%	1,817	2,231
1-300-6-4	11,200	13,440	22.4	300	5.0	10.0	1/3	10.5	10 ft.	0.20	70%	90%	2,031	2,579
1-330-6-5	14,250	17,100	28.5	330	7.5	15.0	1/3	10.5	10 ft.	0.20	70%	90%	2,220	3,234
1-365-7-6	19,750	23,700	39.5	365	7.5	20.0	1/3	14.0	10 ft.	0.20	70%	90%	3,173	3,526
1-365-8-5	18,600	22,320	37.2	365	10.0	20.0	1/2	14.1	15 ft.	0.22	70%	90%	3,211	3,662
1-402-8-6	22,400	26,800	44.8	402	10.0	20.0	1/2	14.6	15 ft.	0.22	70%	90%	3,788	4,318





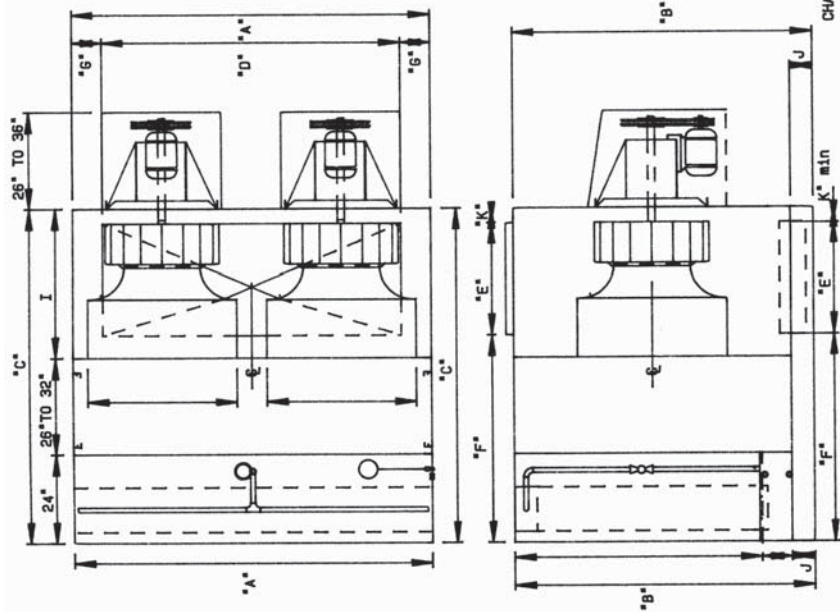
DIMENSIONS using PLUG BAF SWSI FANS

MODEL	A	B	C	D	E	F	G	H	I	J	K
2-330-10-5	120	82	90	96	30	54	12	26	40	6	6
2-330-10-6	120	94	90	96	30	54	12	26	40	6	6
2-365-10-7	120	106	90	108	30	54	6	26	40	6	6
2-365-10-8	120	118	90	108	30	54	6	26	40	6	6
2-402-12-7	144	106	98	108	36	56	6	26	48	8	6
2-402-12-8	144	118	98	120	36	56	6	26	48	8	6
2-445-12-9	144	130	98	120	36	56	12	26	48	8	6
2-445-13-10	156	142	98	120	36	56	6	26	48	8	6

NOTE:

- MAKE-UP WATER CONNECTION 1/2" NPT
- DRAIN AND OVER FLOW CONNECTION 1" NPT
- FLOAT VALVE 1/2"
- SUPPLY FAN FORWARD CURVED DW/DI
- MOUNTED ON RUBBER/CORK PADS
- REMOVABLE PANEL ON EACH SIDE OF UNIT FOR ACCESS
- ALL DIMENSIONS ARE IN INCHES
- SEE FAN TABLES FOR MOTOR SIZE RATED AT VARIOUS STATIC PRESSURES
- SEE FAN TABLES FOR EXACT RPM AND BRAKE HORSE POWER
- TABLES BASED ON STATIC PRESSURE AT 0.25"
- MIST ELIMINATORS ARE RECOMMENDED AT 0.15" STATIC PRESSURE DROP

Drain and Overflow connection 1" NPT  
Make-up water connection 1/2"



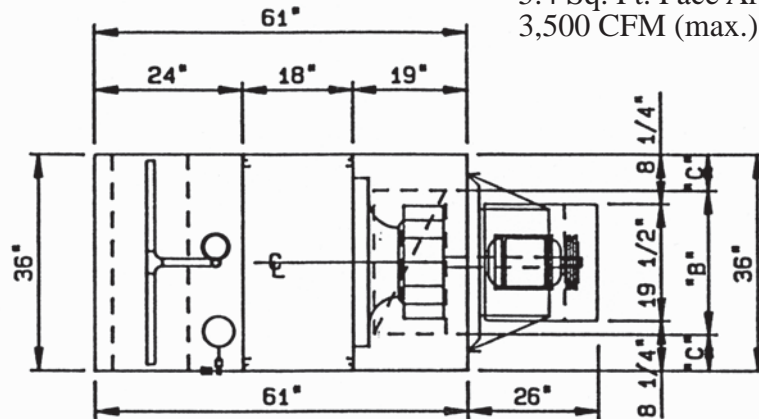
MODEL	CFM		FAN SIZE	MOTOR HP		PUMP HP	GPM	HEAD	AIR PRESSURE DROP	EFFICIENCY		SHIPPING WEIGHT (Est.)	OPERATING WEIGHT (Est.)
	NOM.	MAX.		MIN.	MAX.					MIN. 6"	MAX. 12"		
2-330-10-5	24,300	21,960	330	5.0	7.5	1/3	17.5	10 ft.	0.20	70%	90%	4,457	5,084
2-330-10-6	28,300	33,960	330	5.0	10.0	1/3	17.5	10 ft.	0.20	70%	90%	4,601	5,245
2-365-10-7	32,100	38,520	365	5.0	7.5	1/3	17.5	10 ft.	0.20	70%	90%	5,817	6,631
2-365-10-8	36,900	44,280	365	5.0	10.0	1/2	17.5	10 ft.	0.20	70%	90%	6,561	7,479
2-402-12-7	38,750	46,500	402	7.5	15.0	1/2	21.2	10 ft.	0.20	70%	90%	6,820	7,774
2-402-12-8	44,500	53,400	402	7.5	20.0	1/2	21.2	10 ft.	0.20	70%	90%	7,042	8,026
2-445-12-9	50,500	60,600	445	10.0	20.0	1/2	24.1	15 ft.	0.22	70%	90%	8,441	9,622
2-445-13-10	61,500	73,800	445	10.0	20.0	1/2	26.6	15 ft.	0.22	70%	90%	9,092	10,364



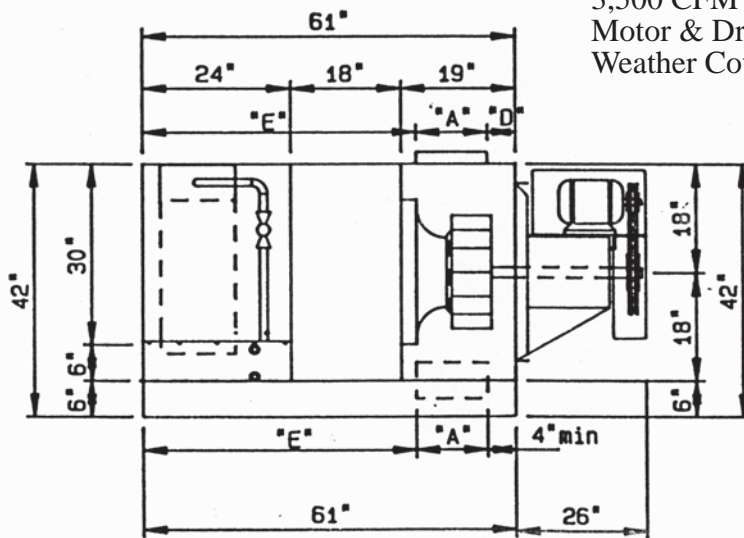
## CLASS 3 AIR WASHER

### CLASS 3 AIR WASHER

Class 2 Air Washer  
 Size 3-2, 12" Fill  
 5.4 Sq. Ft. Face Area  
 3,500 CFM (max.), 2,700 CFM (nom.)



Supply Fan Sun Blower  
 182 BAF Plug Fan, SWSI  
 3,500 CFM (max.), 2,700 CFM (nom.)  
 Motor & Drive Are Out Of Moist Air Stream  
 Weather Cover Over Motor & Drive



CHANNEL BASE

Make-up water connection 1/2"  
 Drain and Overflow connection 1" NPT

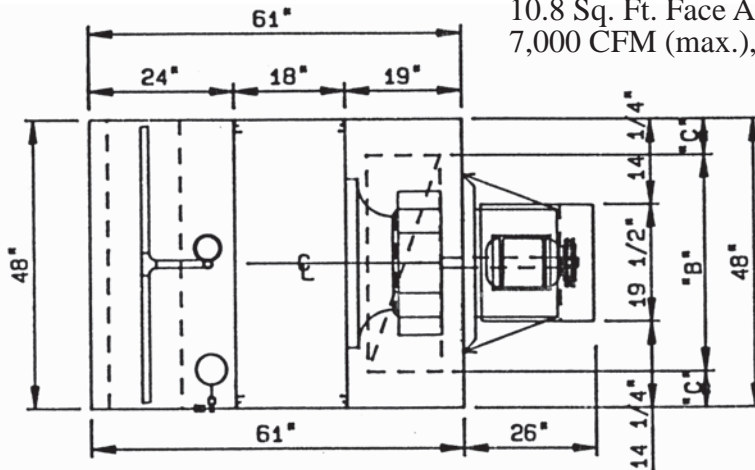
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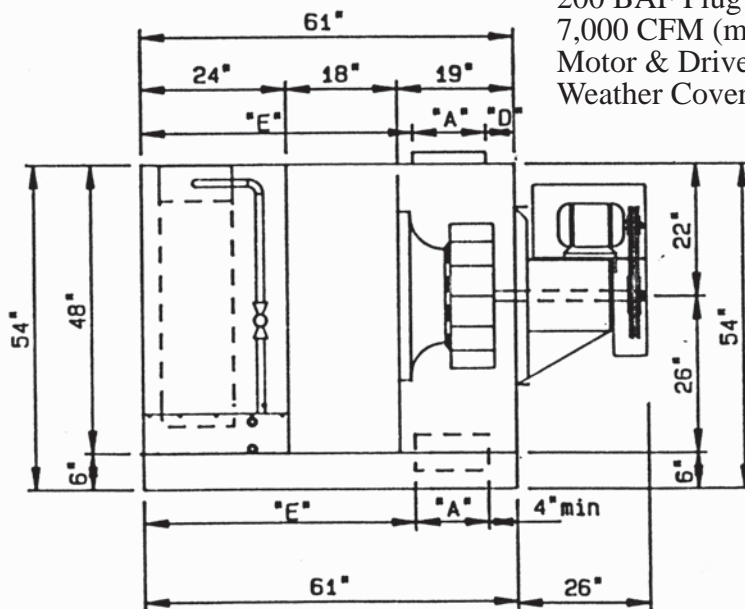




Class 2 Air Washer  
Size 4-3, 12" Fill  
10.8 Sq. Ft. Face Area  
7,000 CFM (max.), 5,400 CFM (nom.)



Supply Fan Sun Blower  
200 BAF Plug Fan, SWSI  
7,000 CFM (max.), 5,400 CFM (nom.)  
Motor & Drive Are Out Of Moist Air Stream  
Weather Cover Over Motor & Drive



CHANNEL BASE

Make-up water connection 1/2"  
Drain and Overflow connection 1" NPT

**MODEL: 1-200-4-3**

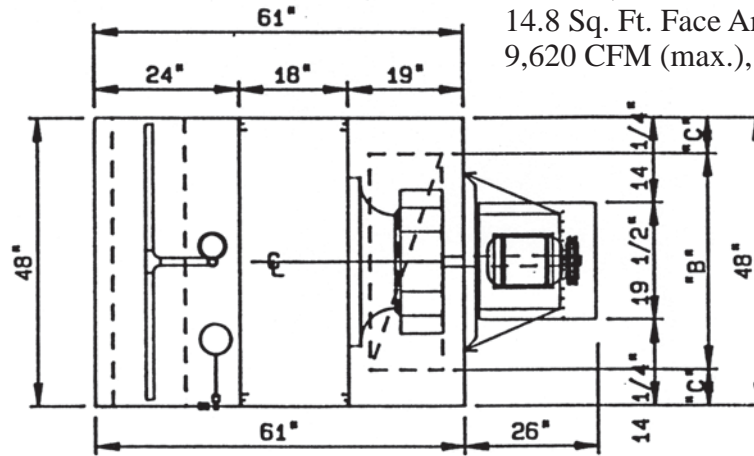




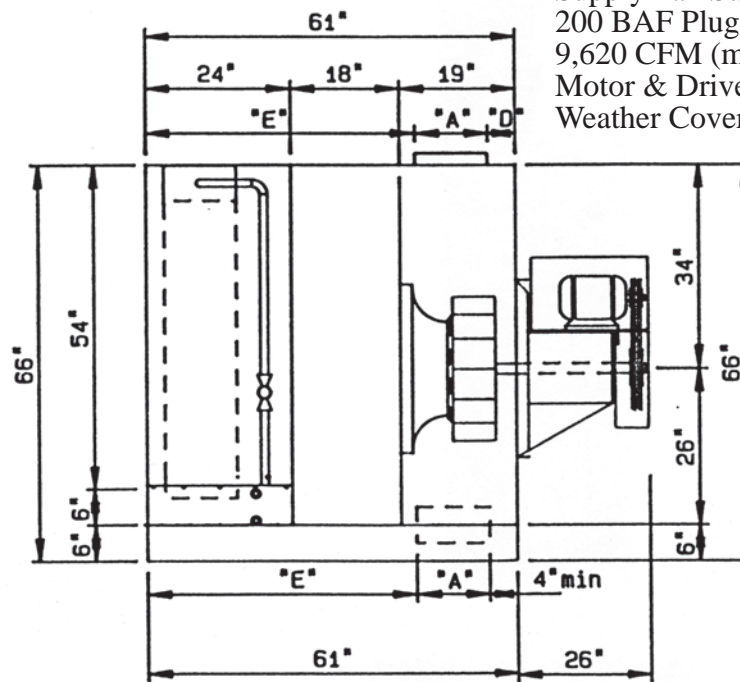
## CLASS 3 AIR WASHER

## CLASS 3 AIR WASHER

Class 2 Air Washer  
 Size 4-4, 12" Fill  
 14.8 Sq. Ft. Face Area  
 9,620 CFM (max.), 7,400 CFM (nom.)



Supply Fan Sun Blower  
 200 BAF Plug Fan, SWSI  
 9,620 CFM (max.), 7,400 CFM (nom.)  
 Motor & Drive Are Out Of Moist Air Stream  
 Weather Cover Over Motor & Drive



CHANNEL BASE

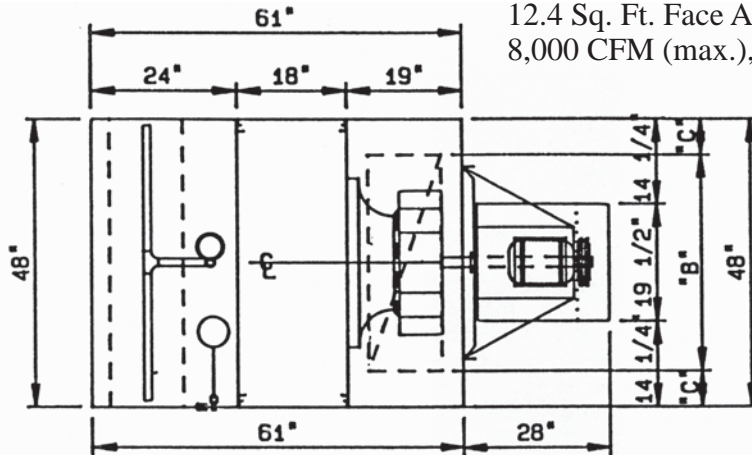
Make-up water connection 1/2"  
 Drain and Overflow connection 1" NPT

**MODEL: 1-200-4-4**

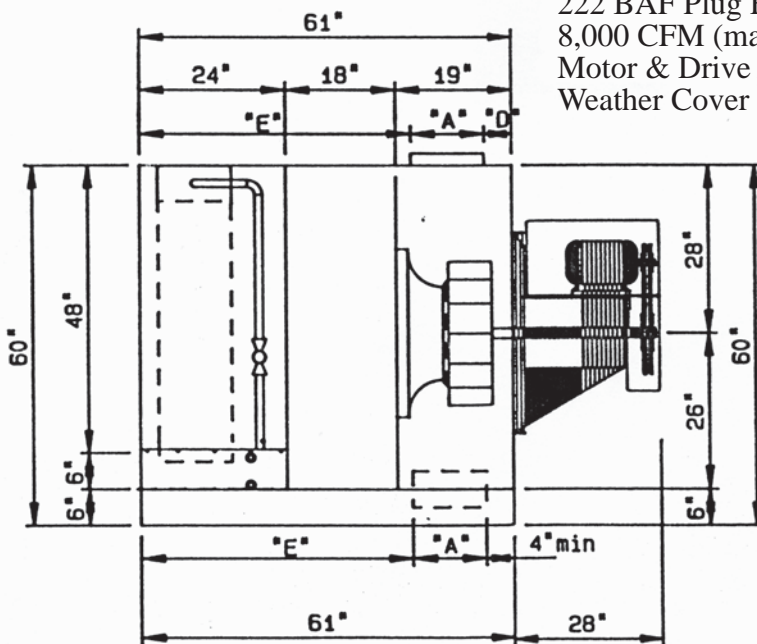




Class 2 Air Washer  
Size 4-3.5, 12" Fill  
12.4 Sq. Ft. Face Area  
8,000 CFM (max.), 6,200 CFM (nom.)



Supply Fan Sun Blower  
222 BAF Plug Fan, SWSI  
8,000 CFM (max.), 6,200 CFM (nom.)  
Motor & Drive Are Out Of Moist Air Stream  
Weather Cover Over Motor & Drive



CHANNEL BASE

Make-up water connection 1/2"  
Drain and Overflow connection 1" NPT

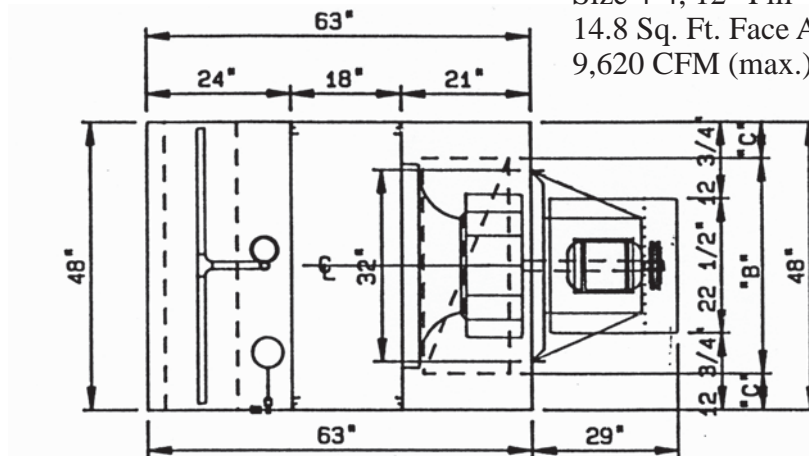
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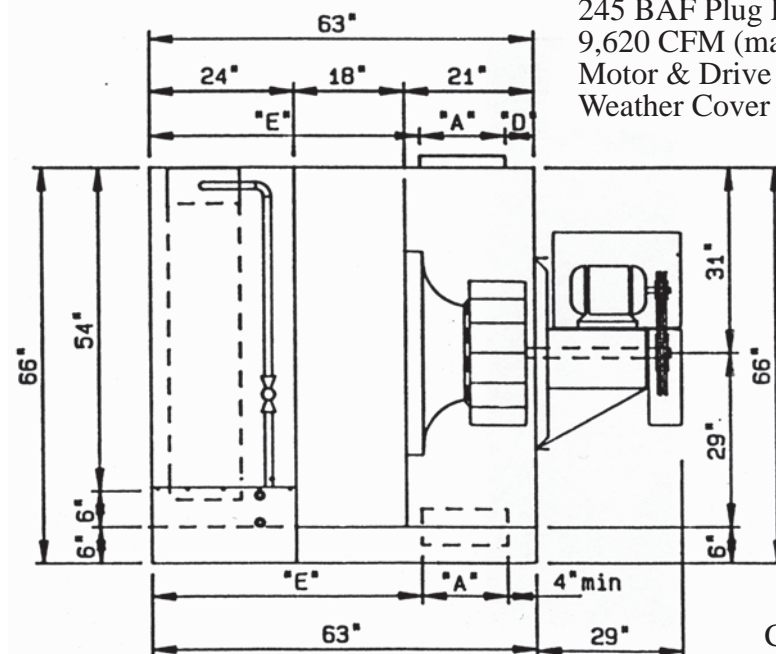


## CLASS 3 AIR WASHER

### CLASS 3 AIR WASHER



Class 2 Air Washer  
Size 4-4, 12" Fill  
14.8 Sq. Ft. Face Area  
9,620 CFM (max.), 7,400 CFM (nom.)



Supply Fan Sun Blower  
245 BAF Plug Fan, SWSI  
9,620 CFM (max.), 7,400 CFM (nom.)  
Motor & Drive Are Out Of Moist Air Stream  
Weather Cover Over Motor & Drive

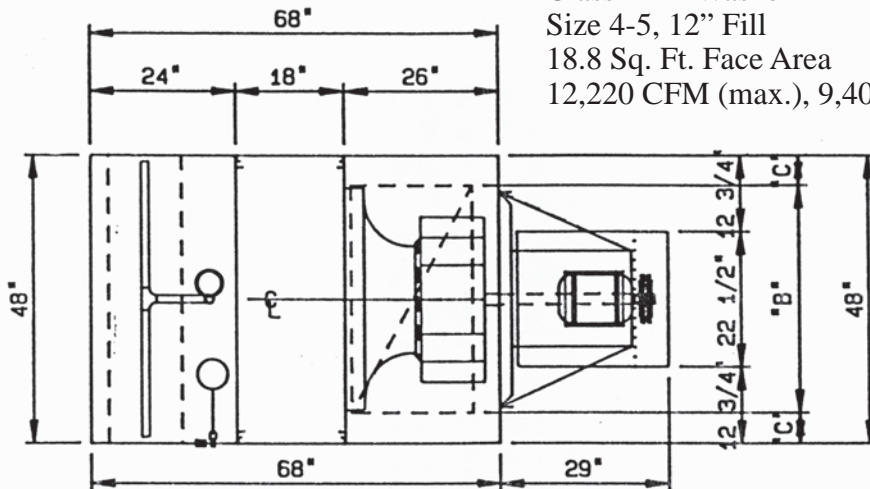
CHANNEL BASE

Make-up water connection 1/2"  
Drain and Overflow connection 1" NPT

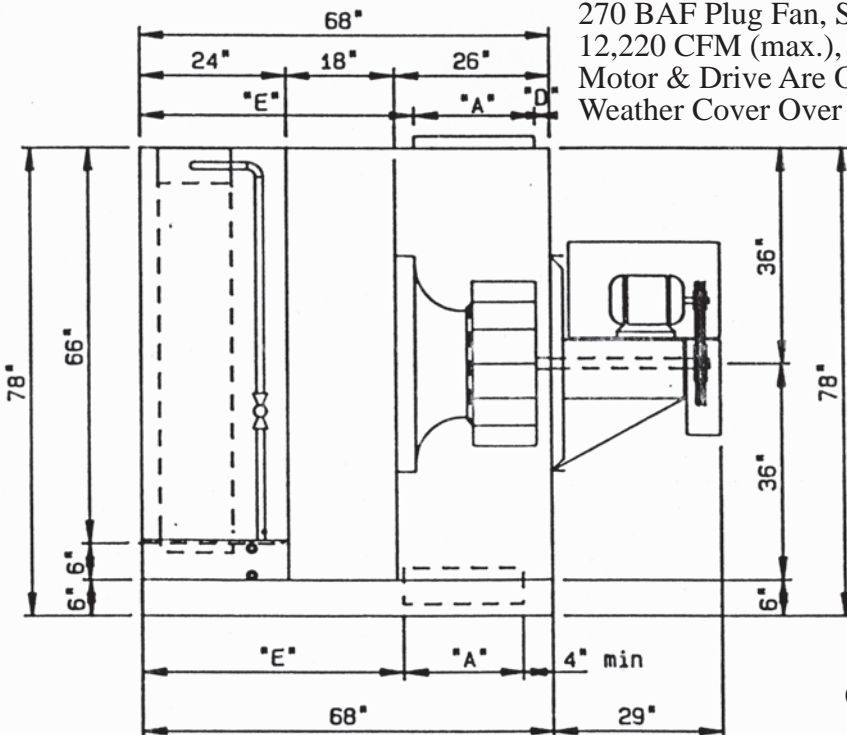
**MODEL: 1-245-4-4**







Class 2 Air Washer  
Size 4-5, 12" Fill  
18.8 Sq. Ft. Face Area  
12,220 CFM (max.), 9,400 CFM (nom.)



Supply Fan Sun Blower  
270 BAF Plug Fan, SWSI  
12,220 CFM (max.), 9,400 CFM (nom.)  
Motor & Drive Are Out Of Moist Air Stream  
Weather Cover Over Motor & Drive

CHANNEL BASE

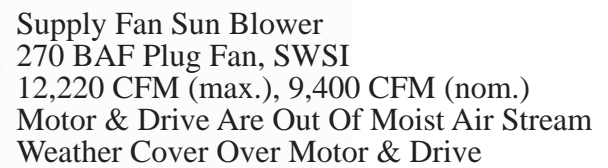
Make-up water connection 1/2"  
Drain and Overflow connection 1" NPT

**MODEL: 1-270-4-5**





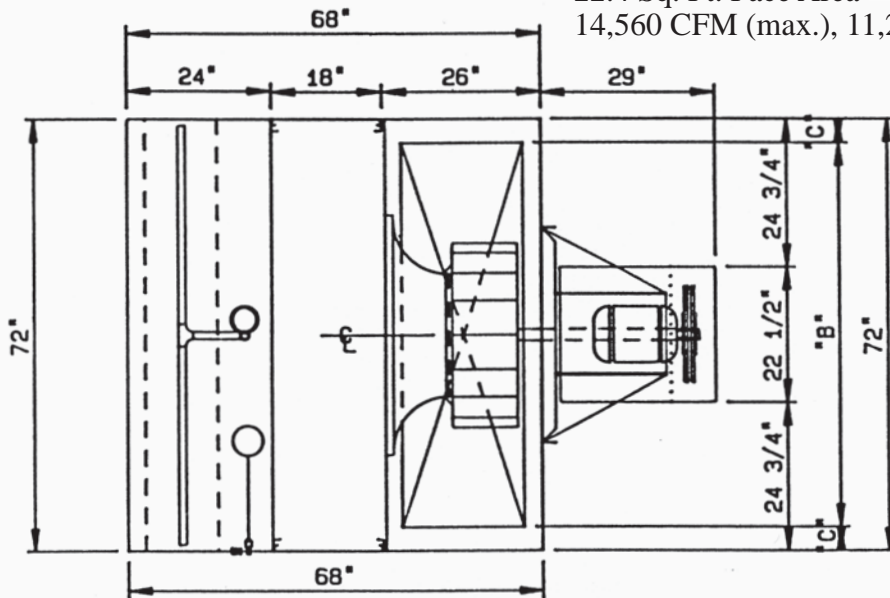
Class 2 Air Washer  
Size 5-4, 12" Fill  
18.8 Sq. Ft. Face Area  
12,220 CFM (max.), 9,400 CFM (nom.)



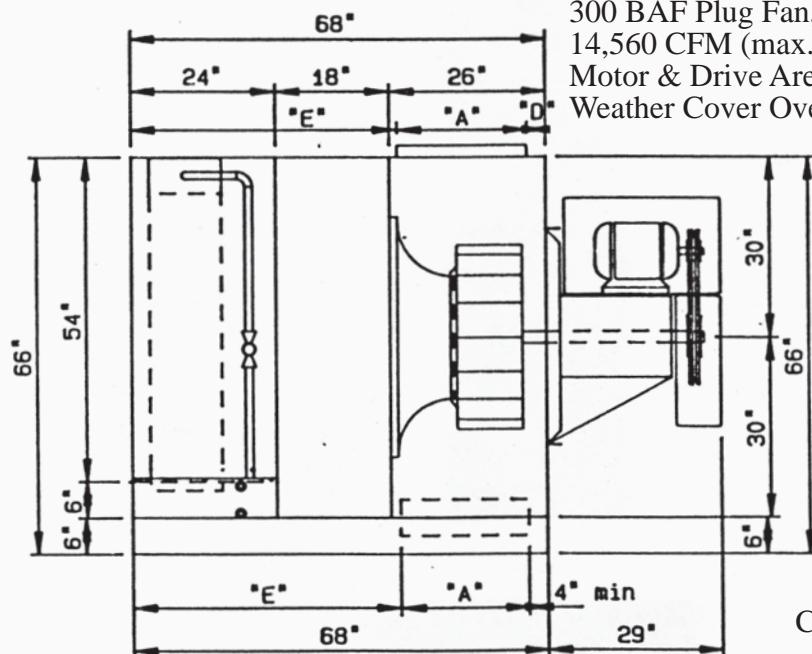
**MODEL: 1-270-5-4**



Class 2 Air Washer  
Size 6-4, 12" Fill  
22.4 Sq. Ft. Face Area  
14,560 CFM (max.), 11,200 CFM (nom.)



Supply Fan Sun Blower  
300 BAF Plug Fan, SWSI  
14,560 CFM (max.), 11,200 CFM (nom.)  
Motor & Drive Are Out Of Moist Air Stream  
Weather Cover Over Motor & Drive



CHANNEL BASE

Make-up water connection 1/2"  
Drain and Overflow connection 1" NPT

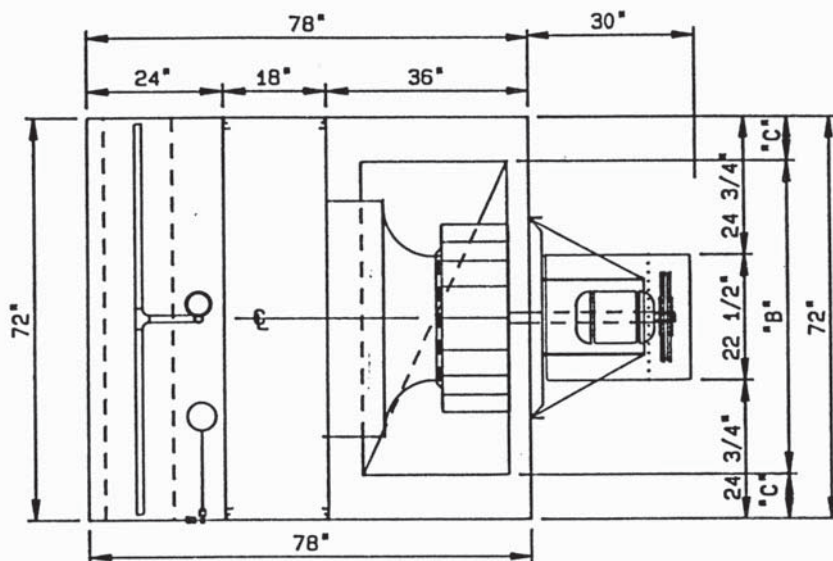
**MODEL: 1-300-6-4**



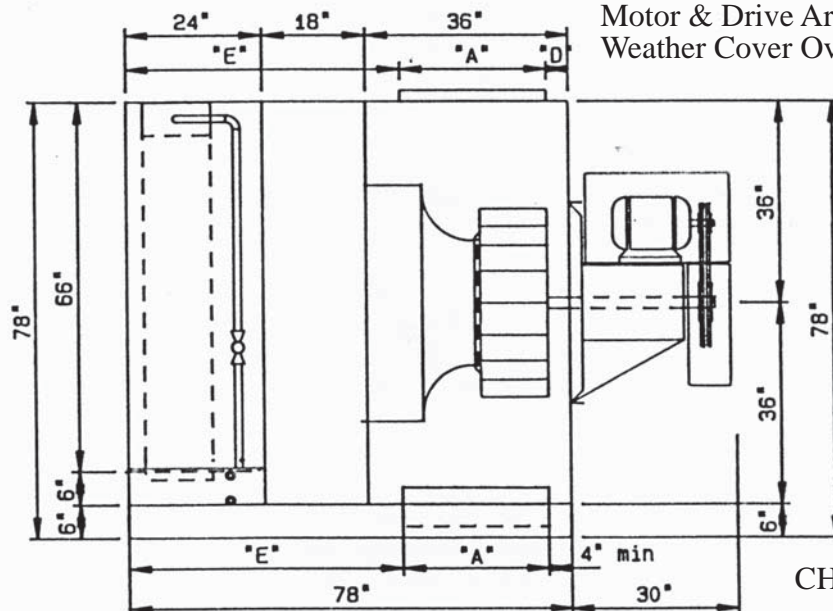


## CLASS 3 AIR WASHER

Class 2 Air Washer  
 Size 6-5, 12" Fill  
 28.5 Sq. Ft. Face Area  
 18,525 CFM (max.), 14,250 CFM (nom.)



Supply Fan Sun Blower  
 330 BAF Plug Fan, SWSI  
 18,525 CFM (max.), 14,250 CFM (nom.)  
 Motor & Drive Are Out Of Moist Air Stream  
 Weather Cover Over Motor & Drive



Make-up water connection 1/2"  
 Drain and Overflow connection 1" NPT

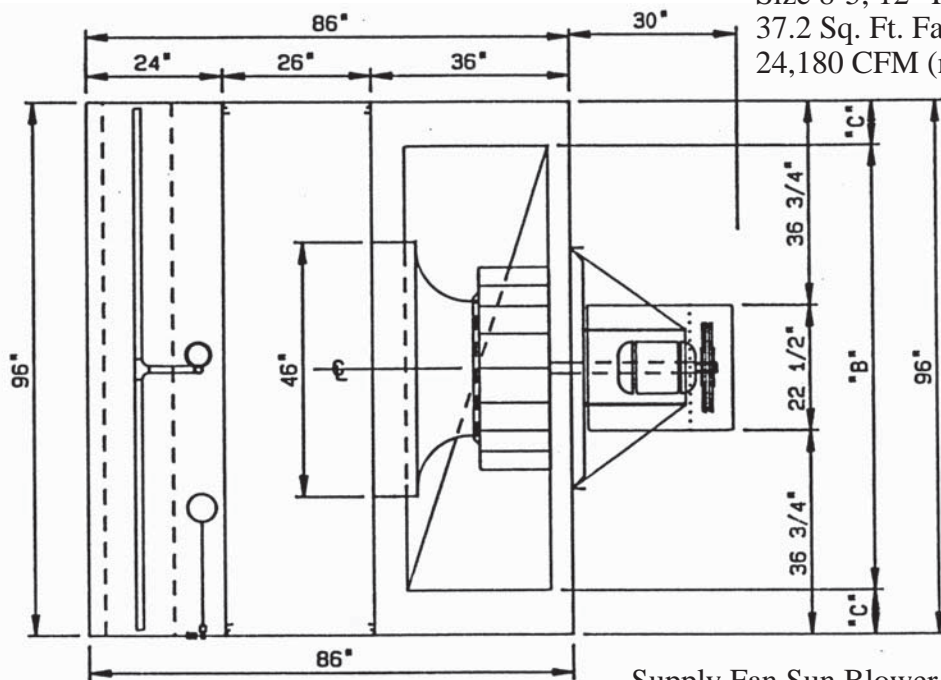
**MODEL: 1-330-6-5**



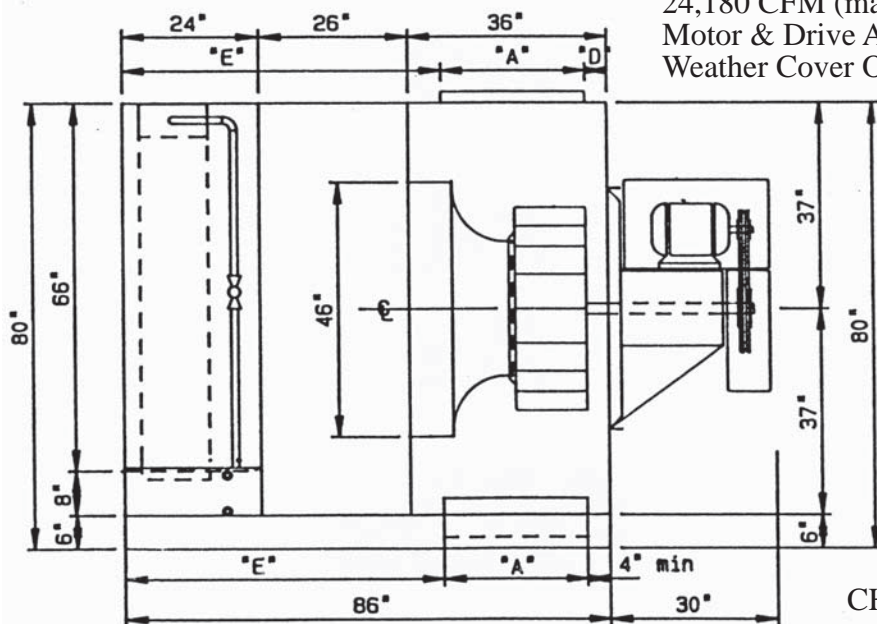




Class 2 Air Washer  
Size 8-5, 12" Fill  
37.2 Sq. Ft. Face Area  
24,180 CFM (max.), 18,600 CFM (nom.)



Supply Fan Sun Blower  
365 BAF Plug Fan, SWSI  
24,180 CFM (max.), 18,600 CFM (nom.)  
Motor & Drive Are Out Of Moist Air Stream  
Weather Cover Over Motor & Drive



CHANNEL BASE

Make-up water connection 1/2"  
Drain and Overflow connection 1" NPT

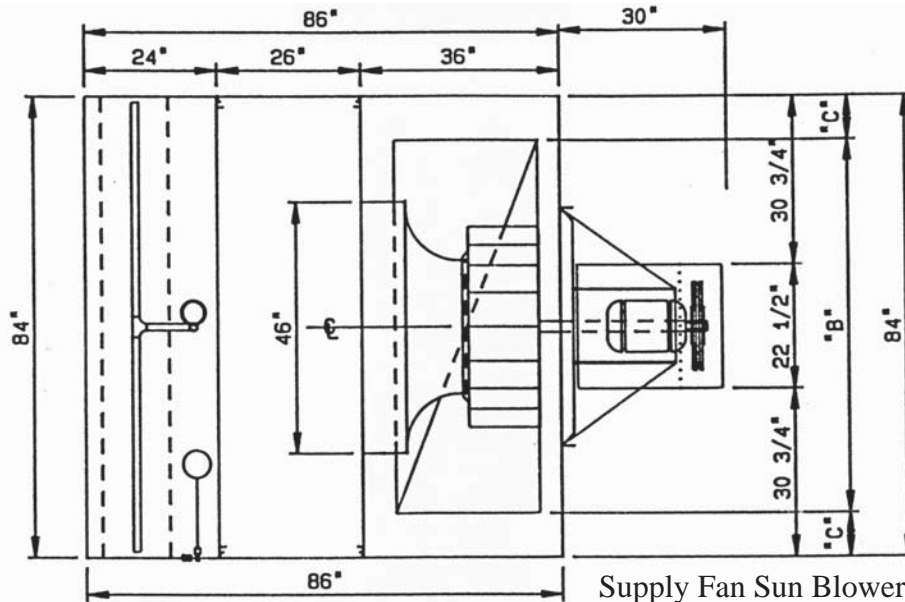
**MODEL: 1-365-8-5**



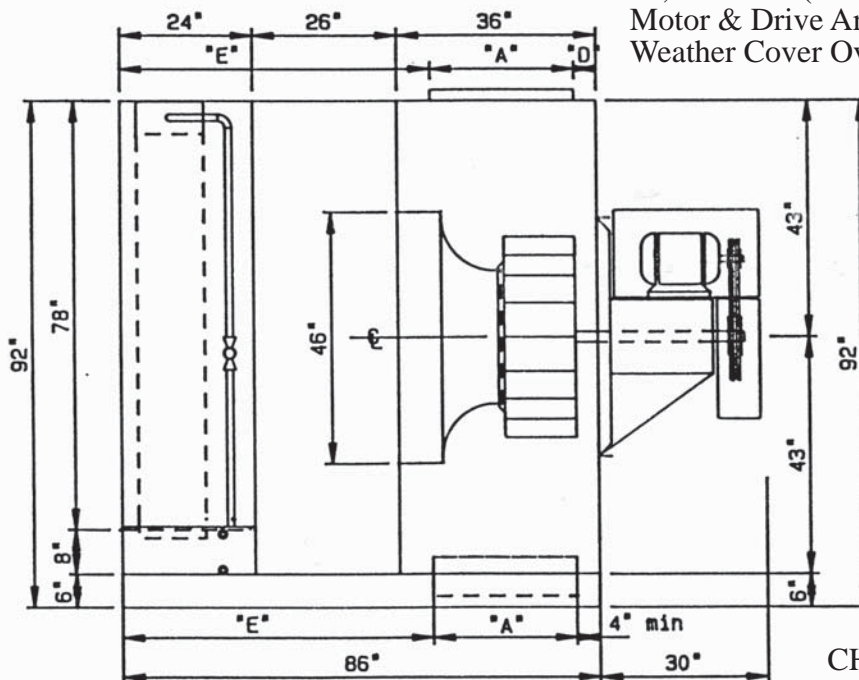


## CLASS 3 AIR WASHER

Class 2 Air Washer  
 Size 7-6, 12" Fill  
 39.5 Sq. Ft. Face Area  
 25,675 CFM (max.), 19,750 CFM (nom.)



Supply Fan Sun Blower  
 365 BAF Plug Fan, SWSI  
 25,675 CFM (max.), 19,750 CFM (nom.)  
 Motor & Drive Are Out Of Moist Air Stream  
 Weather Cover Over Motor & Drive



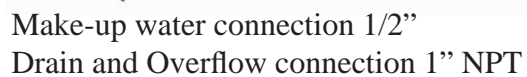
CHANNEL BASE

Make-up water connection 1/2"  
 Drain and Overflow connection 1" NPT

**MODEL: 1-365-7-6**



**MALLORY MANUFACTURING COMPANY**

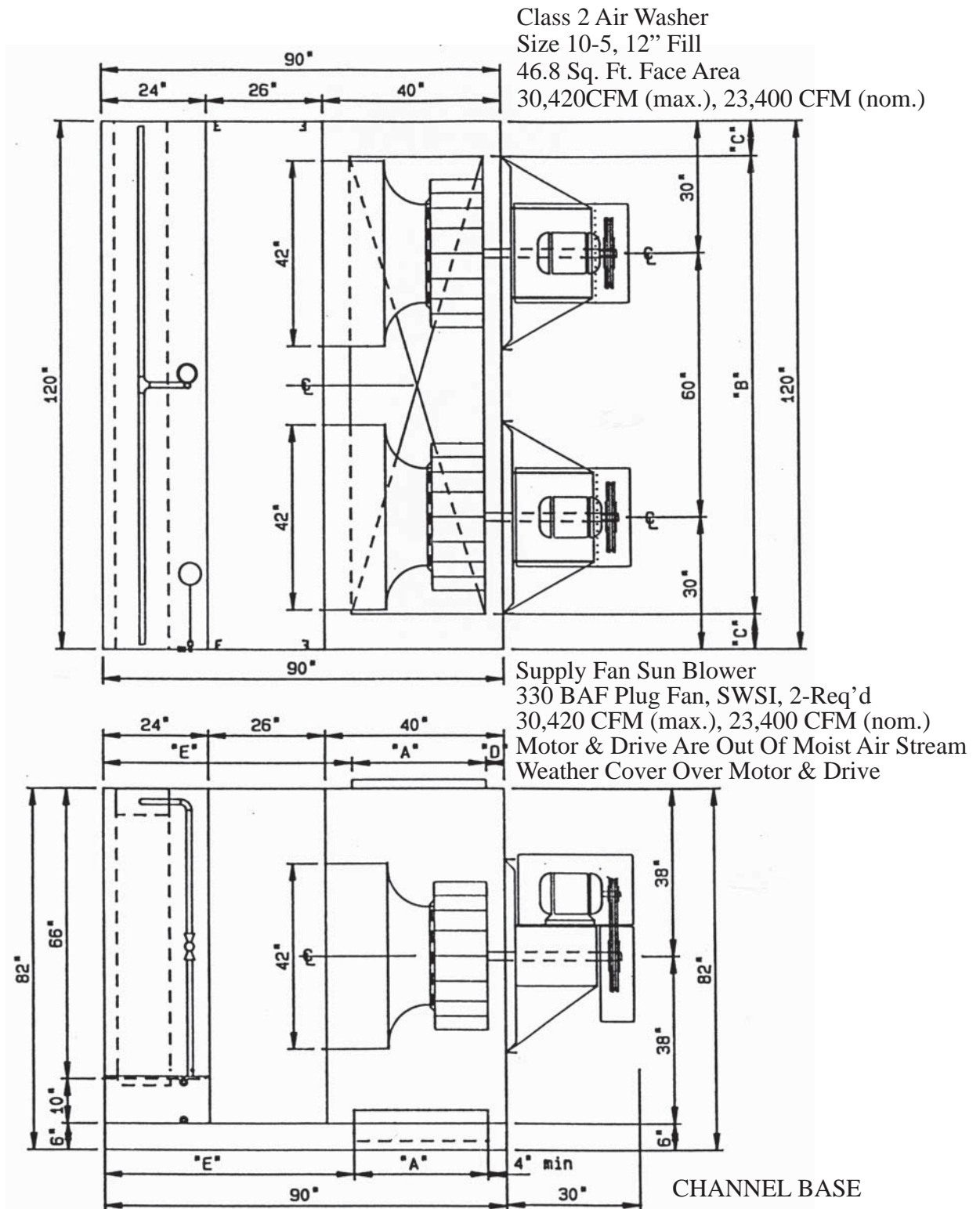






## CLASS 3 AIR WASHER

## CLASS 3 AIR WASHER

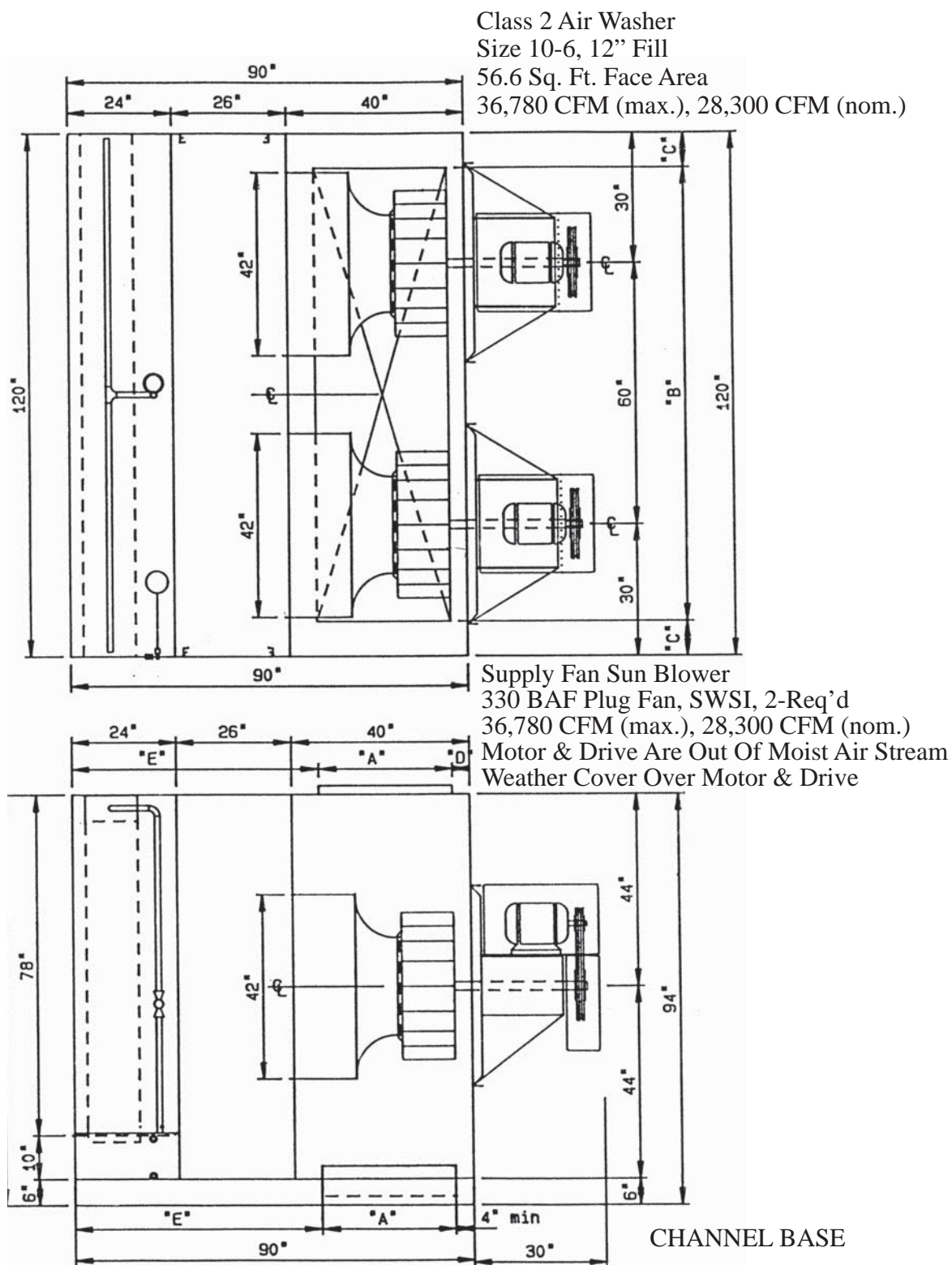


Make-up water connection 1/2"  
Drain and Overflow connection 1" NPT

**MODEL: 2-330-10-5**



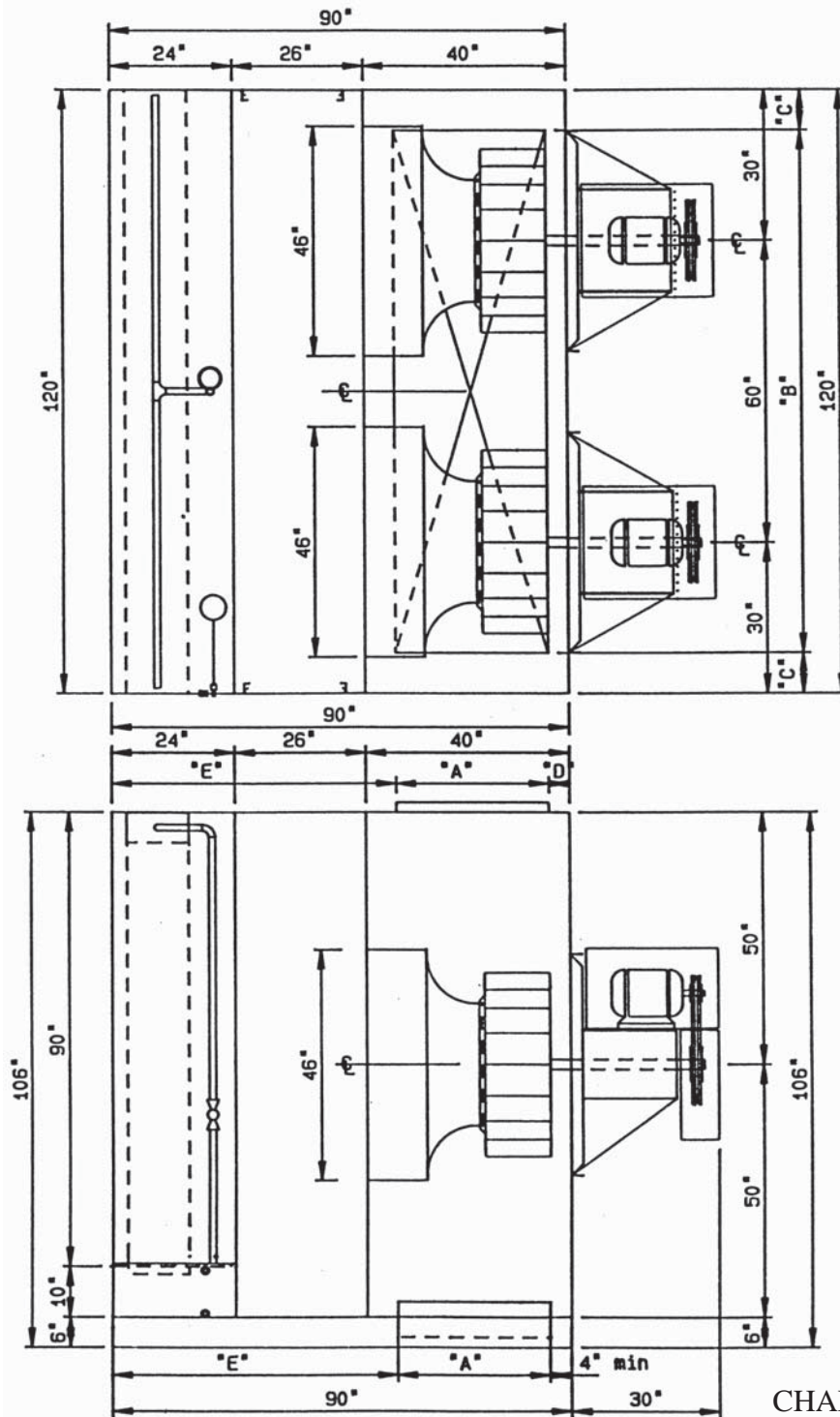




Make-up water connection 1/2"  
Drain and Overflow connection 1" NPT

**MODEL: 2-330-10-6**





Supply Fan Sun Blower  
365 BAF Plug Fan, SWSI, 2-Req'd  
41,730 CFM (max.), 32,100 CFM (nom.)  
Motor & Drive Are Out Of Moist Air Stream  
Weather Cover Over Motor & Drive

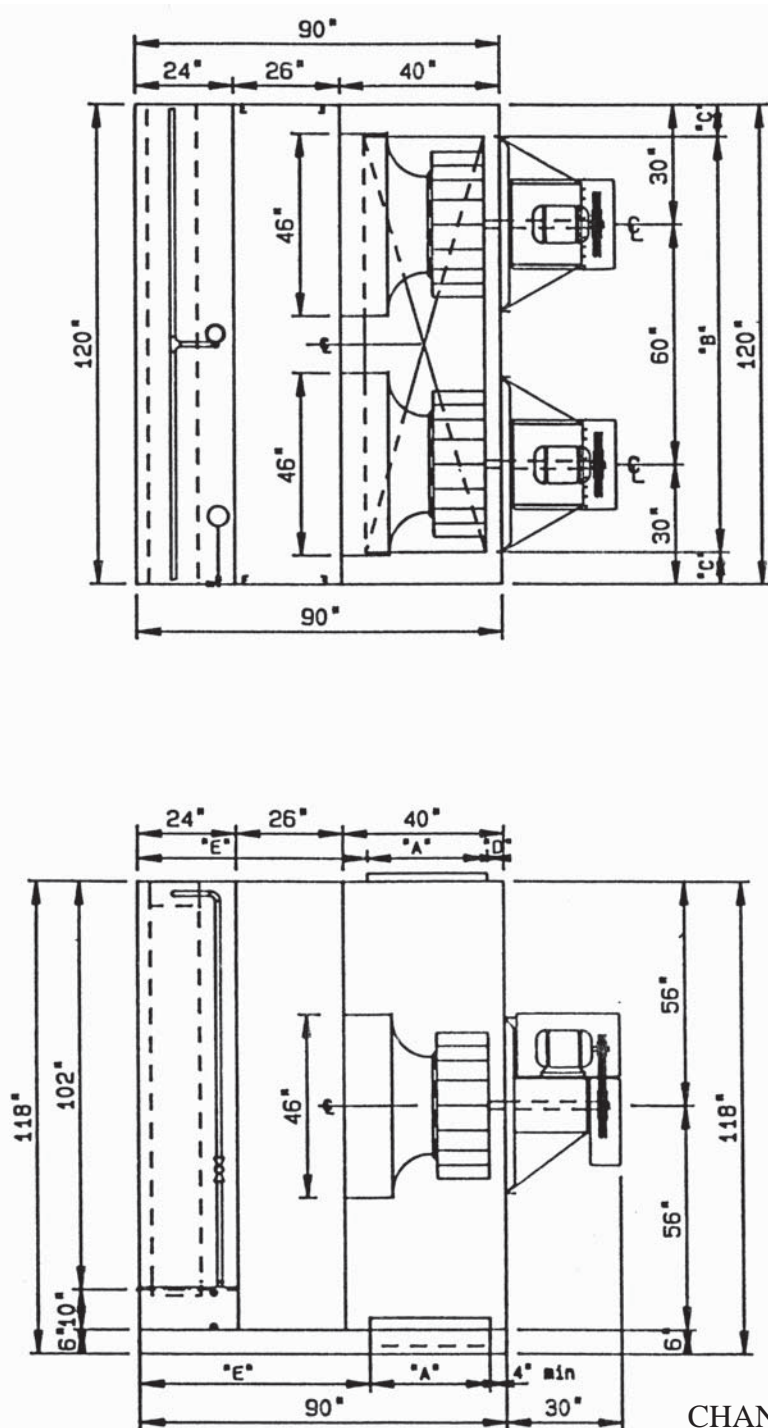
Class 2 Air Washer  
Size 10-7, 12" Fill  
64.2 Sq. Ft. Face Area  
41,730 CFM (max.), 32,100 CFM (nom.)

CHANNEL BASE

Make-up water connection 1/2"  
Drain and Overflow connection 1" NPT

**MODEL: 2-330-10-7**





Class 2 Air Washer  
Size 10-8, 12" Fill  
73.8 Sq. Ft. Face Area  
47,970 CFM (max.), 36,900 CFM (nom.)

Supply Fan Sun Blower  
365 BAF Plug Fan, SWSI, 2-Req'd  
47,970 CFM (max.), 36,900 CFM (nom.)  
Motor & Drive Are Out Of Moist Air Stream  
Weather Cover Over Motor & Drive

Make-up water connection 1/2"  
Drain and Overflow connection 1" NPT

**MODEL: 2-365-10-8**

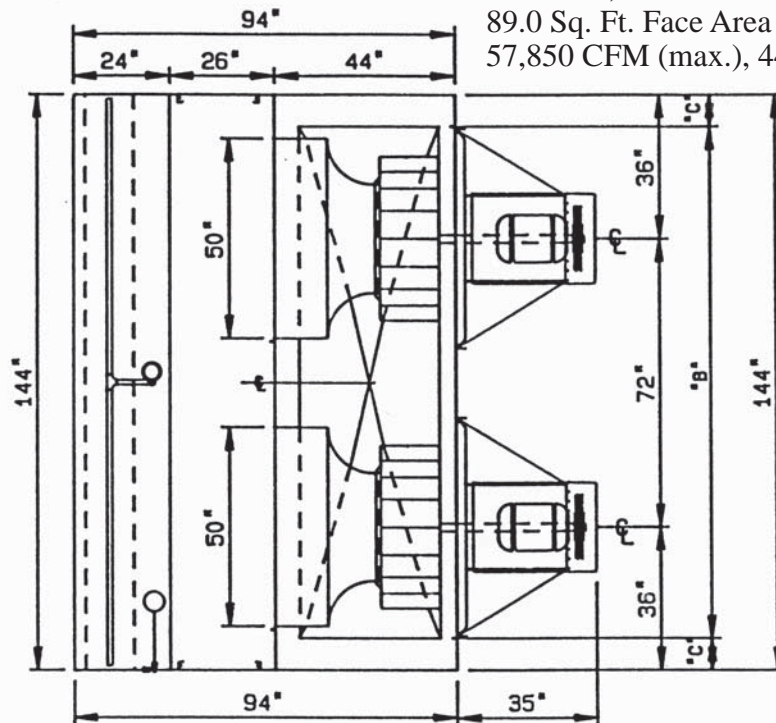






## CLASS 3 AIR WASHER

## CLASS 3 AIR WASHER

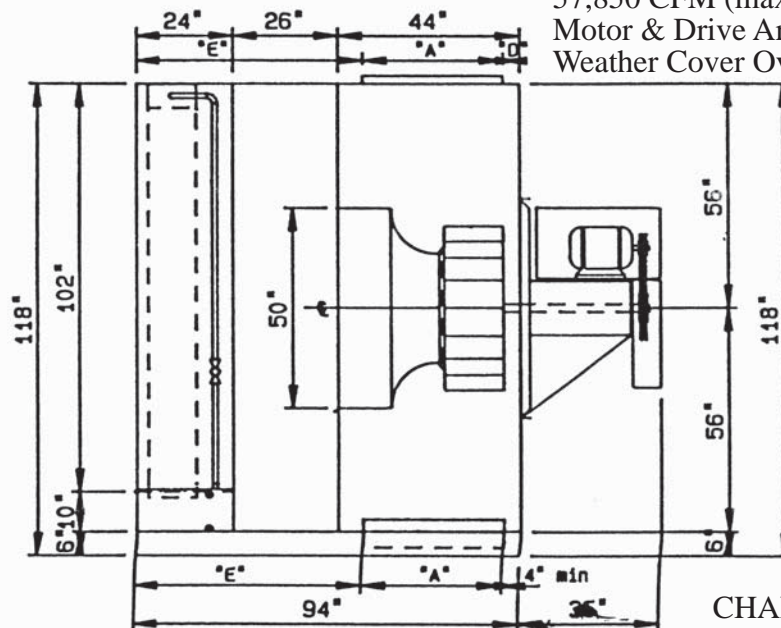


Class 2 Air Washer

Size 12-8, 12" Fill

89.0 Sq. Ft. Face Area

57,850 CFM (max.), 44,500 CFM (nom.)



Supply Fan Sun Blower

402 BAF Plug Fan, SWSI, 2-Req'd

57,850 CFM (max.), 44,500 CFM (nom.)

Motor & Drive Are Out Of Moist Air Stream

Weather Cover Over Motor & Drive

CHANNEL BASE

Make-up water connection 1/2"

Drain and Overflow connection 1" NPT

**MODEL: 2-402-12-8**





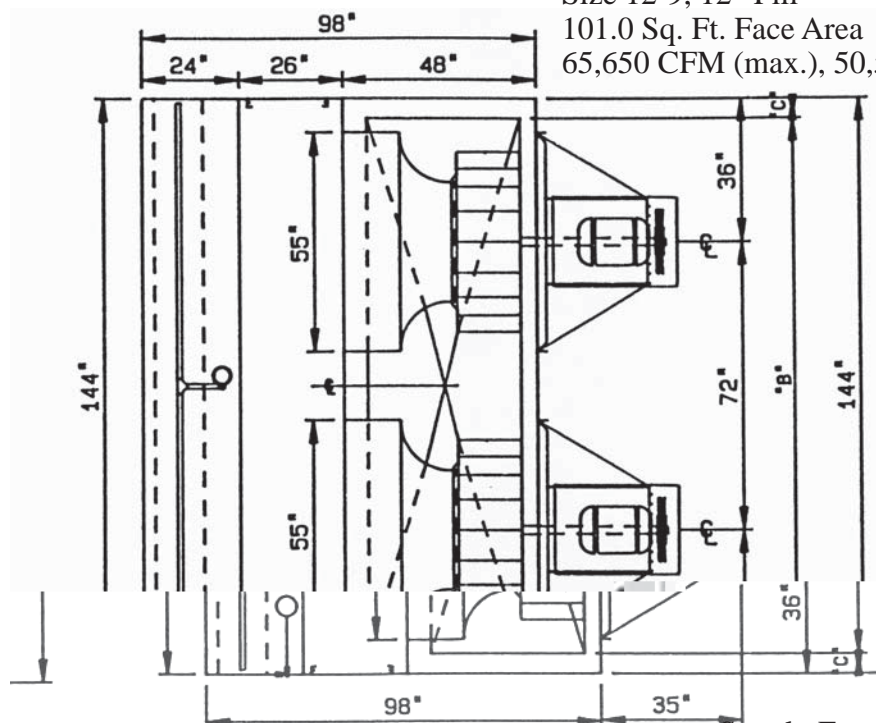


# Class 2 Air Washer

Size 12-9, 12" Fill

101.0 Sq. Ft. Face Area

65,650 CFM (max.), 50,500 CFM (nom.)



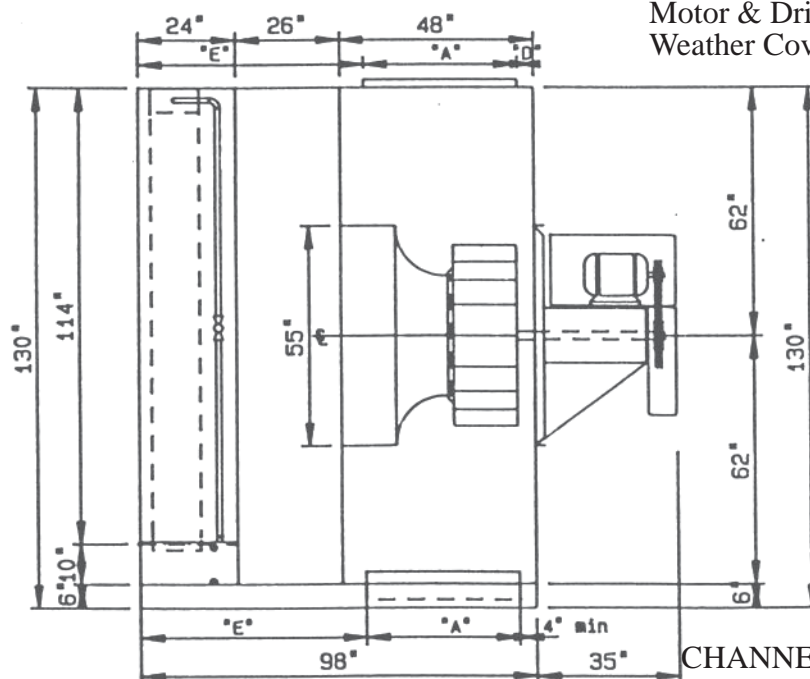
## Supply Fan Sun Blower

445 BAF Plug Fan, SWSI, 2-Req'd

65,650 CFM (max.), 50,500 CFM (nom.)

Motor & Drive Are Out Of Moist Air Stream

Weather Cover Over Motor & Drive



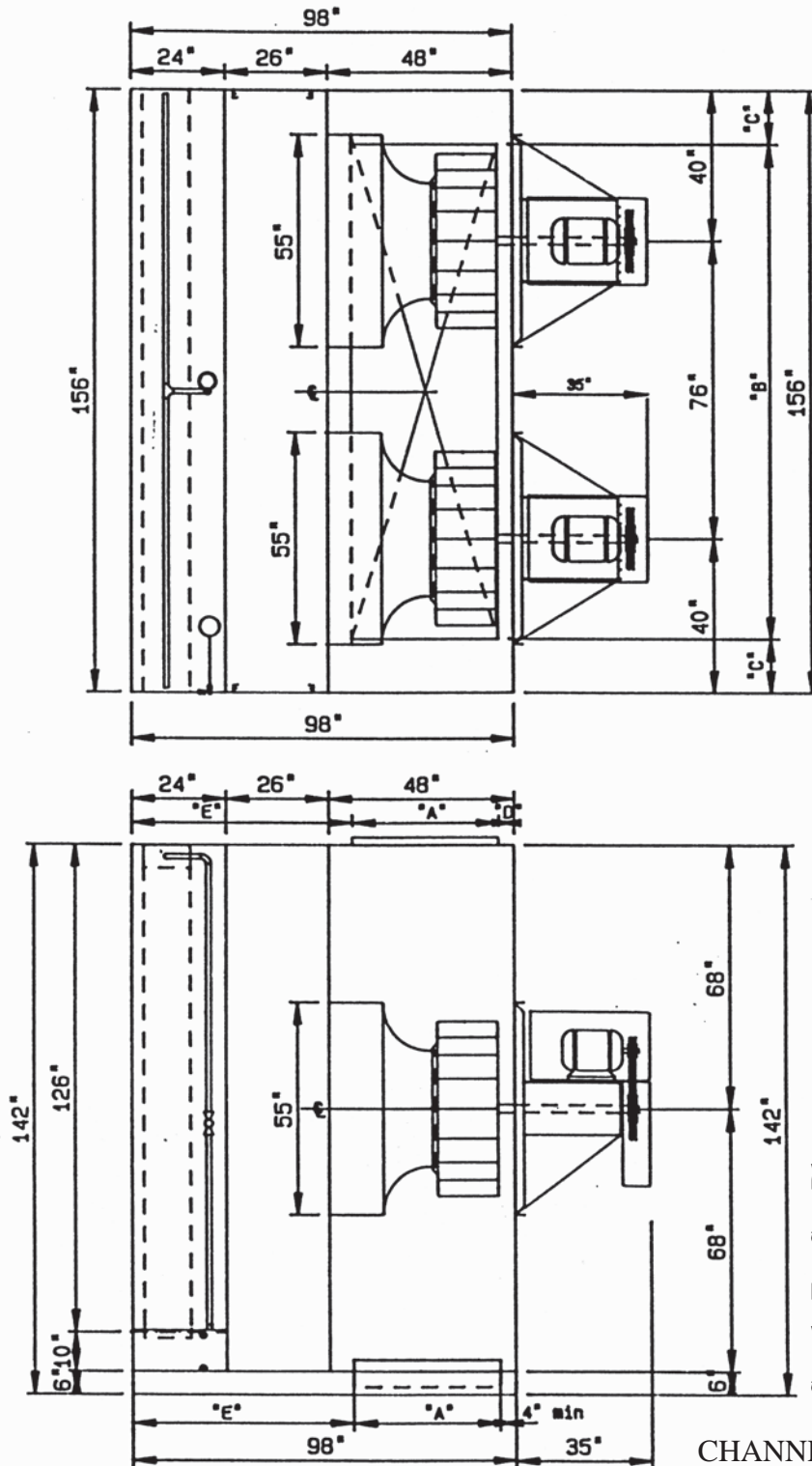
CHANNEL BASE

Make-up water connection 1/2"

Drain and Overflow connection 1" NPT

**MODEL: 2-445-12-9**





Class 2 Air Washer

Size 13-10, 12" Fill

122.0 Sq. Ft. Face Area

79,300 CFM (max.), 61,000 CFM (nom.)

Supply Fan Sun Blower  
445 BAF Plug Fan, SWSI, 2-Req'd  
79,300 CFM (max.), 61,000 CFM (nom.)  
Motor & Drive Are Out Of Moist Air Stream  
Weather Cover Over Motor & Drive

CHANNEL BASE

Make-up water connection 1/2"

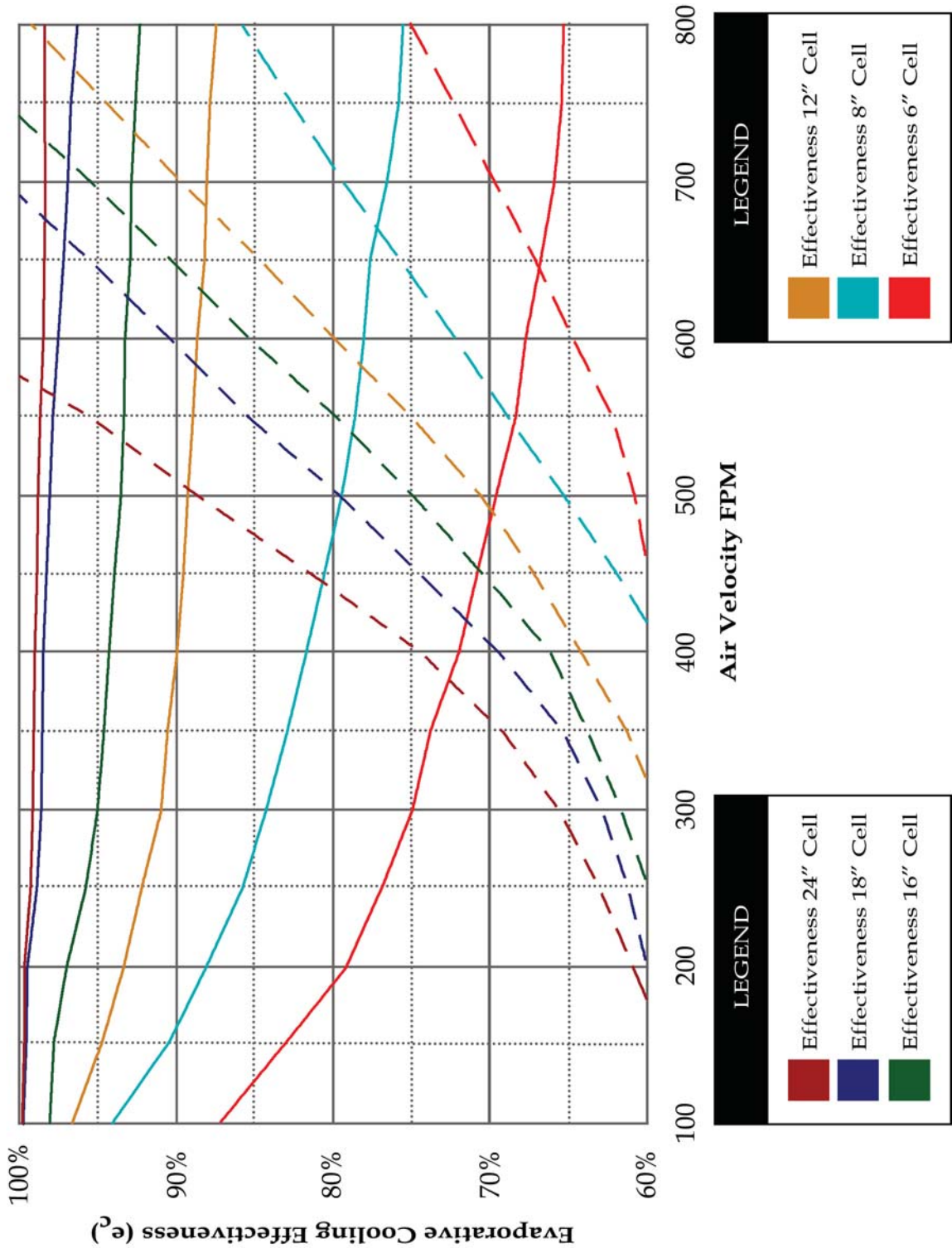
Drain and Overflow connection 1" NPT

**MODEL: 2-445-13-10**





CLASS 3 AIR WASHER CELLULOSE FILL OR FIBERGLASS FILL MEDIA





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When quality and service count - You can count  
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