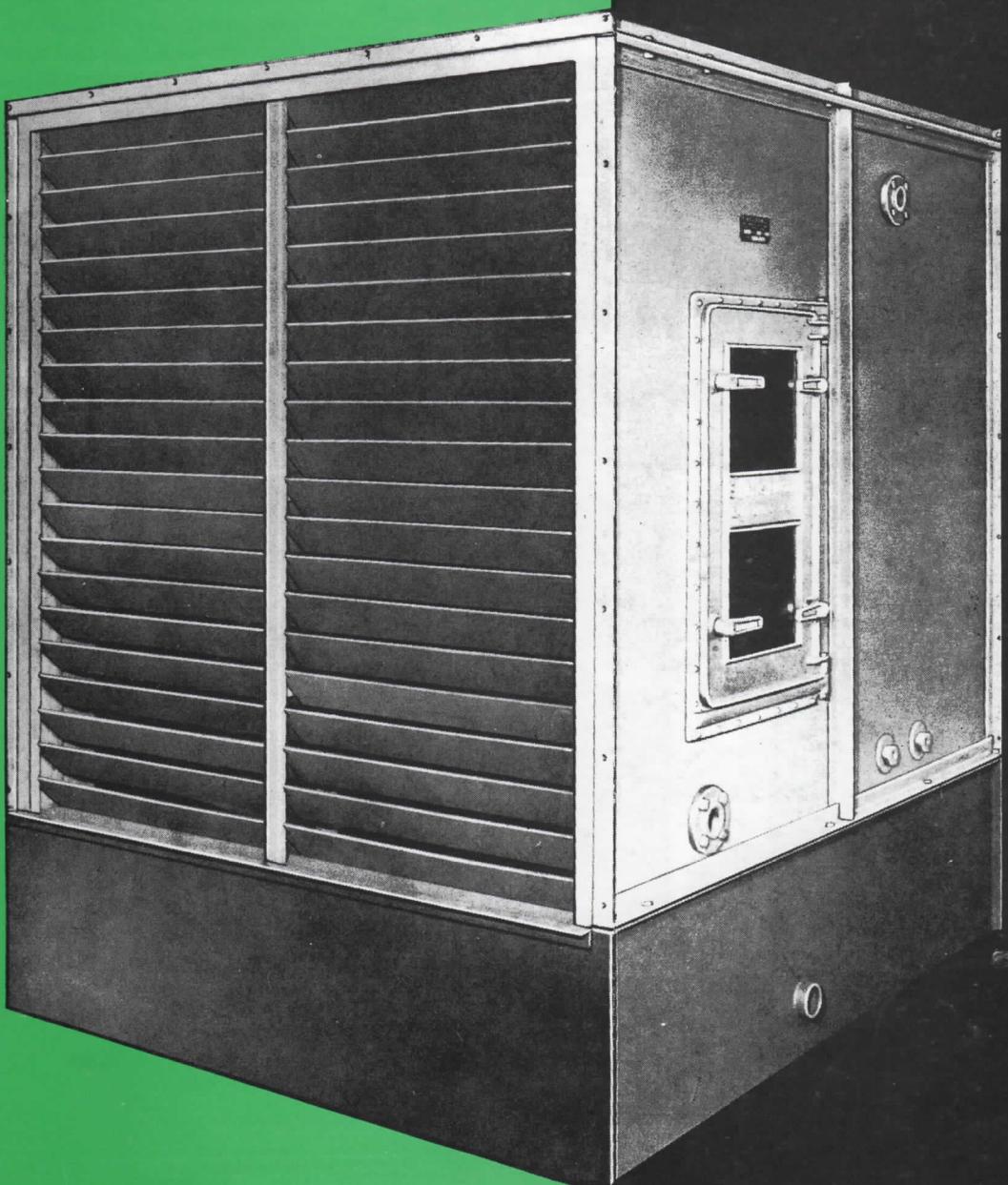


SHELDON AIRWASHERS

available
in three
standard
types



catalogue
no. 810



SHELDONS ENGINEERING LIMITED
CAMBRIDGE, ONTARIO

SHELDONS AIRWASHERS

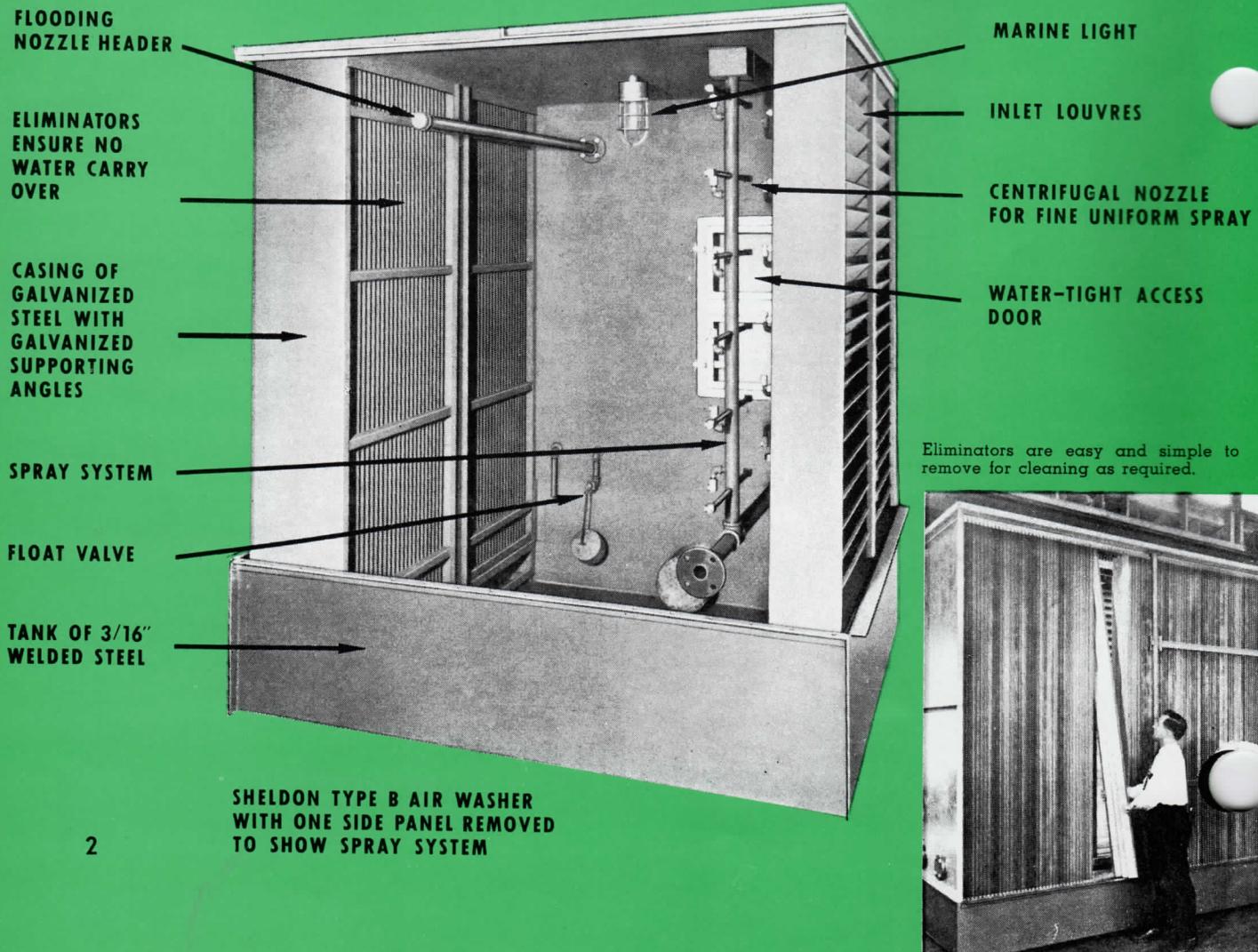
AVAILABLE IN THREE STANDARD TYPES

Sheldon Airwashers are available in three different types to meet the need of industry for clean, humidified air.

Airwashers, as their name implies, not only remove dust and dirt from the air, but also perform necessary heat transfer functions such as humidification, cooling and dehumidification.

Sheldon Airwashers basically consist of a casing containing a spray system, a tank at the bottom for collecting the spray water, and an eliminator section at the leaving end of the unit for the removal of water droplets entrained in the air.

Air is drawn into the Airwasher casing through entry louvres which smooth out the airflow and, at the same time, prevent any backlash of spray water from falling outside the unit. Water sprays covering the entire area of the unit wash the air clean of dust, dirt and fumes. The cleaned air then passes through the eliminators which trap the droplets of moisture carried over from the spray system. In Types A and B Airwashers, the eliminators are continuously sprayed by a set of flooding nozzles which wash down any dust and dirt particles into the tank and also provide additional wetting area for contact with the air.



DETAILS OF SHELDON AIRWASHERS

Types A, B and C

CASING — All casings are constructed of 18 ga. galvanized steel sheet and braced with galvanized steel angle with all joints and angle braces riveted and soldered to prevent water leakage. Entry and leaving ends of the Airwasher have flanges with holes ready drilled suitable for duct connections. A rubber gasket at the joint between casing and tank prevents water leaking on the floor.

INLET LOUVRES — These are designed to smooth out the airflow and to prevent backlash of spray water, and are easily removable. Standard inlet louvres are made from 20 ga. galvanized steel sheet, but they can also be supplied in aluminum, stainless steel or other metals, and may also be furnished in plastic where necessary to meet specific requirements.

SPRAY SECTION — In Type A Airwashers, there are two banks of spray nozzles. Types B and C have only one bank of spray nozzles. Nozzles are of the centrifugal type, giving an unbroken atomized spray cone which offers a very large surface for wetting the air and dust particles. A pressure gauge is furnished for each bank of spray nozzles. Standard nozzles with various orifices are available to meet the various heat transfer requirements. A marine light is installed in all Sheldon Airwashers.

FLOODING NOZZLES — Flooding nozzles are fitted in Type A and B washers only, and are designed to flush the leading surfaces of the eliminator clean of the dirt and dust deposited there from the air as it leaves the Airwasher. In humidification applications, this additional wet surface is useful in increasing the efficiency of the unit.

STRAINERS — To prevent the accumulated dirt washed from the eliminators being recirculated through the pump and spray assembly, large area suction strainers are provided on the tank outlet. These are made from fine brass mesh and are easily removed for cleaning.

SPRAY PIPING — Standard galvanized steel pipe is used for the spray headers. The vertical risers are also made of galvanized iron pipe screwed on

the main horizontal spray headers. Spray headers and risers can also be furnished in plastic piping where necessary to meet special requirements.

ELIMINATORS — These are fitted at the leaving end of the Airwasher to eliminate the water droplets and wet dust particles from the air. Standard eliminators are made of 24 ga. galvanized steel; 22 ga. may be furnished if desired, but they can also be supplied in aluminum, stainless steel or other metals. Eliminators have a series of bends at 37° which are arranged to alter the direction of airflow. The last two bends are provided with three hooks to prevent moisture being carried over into the system. In order to facilitate cleaning, all eliminators may be individually removed with no disturbance to casing or internal parts. Types A and B Airwashers have eliminators spaced on 1 1/8" centres, Type C on 2 1/4" centres. Plastic eliminators can also be furnished where necessary to meet specific requirements.

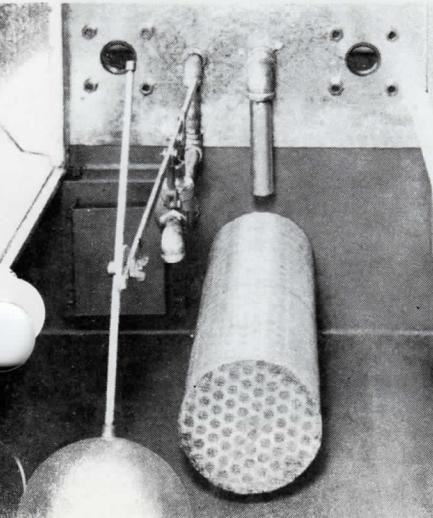
TANKS — The tanks on all three classes of Airwashers are fabricated of 3/16" steel plate, having an all-welded construction. Tanks are 18" deep and are heavily coated with Bitumastic paint.

WATER CONNECTIONS — A quick-fill connection varying from 1" to 2", depending upon the size of the Airwasher, is provided for connection to fresh water supply. A make-up water connection with an automatic float valve is also provided to maintain the water level in the tank at 14". A dilution connection is provided on all washers to permit continuous bleed in of fresh water.

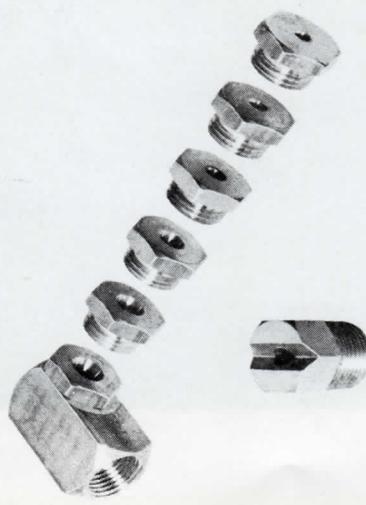
ACCESS DOOR AND FRAME — An access door and frame made from galvanized cast iron is provided on all Airwashers. Each door has a glass inspection window and a watertight rubber seal.

OVERFLOW AND DRAIN — All Airwashers are furnished complete with overflow and overflow trap to provide a water seal in the overflow line. Adjustable baffles are provided to permit a 2" water level adjustment after installation so that the water level may be altered if desired.

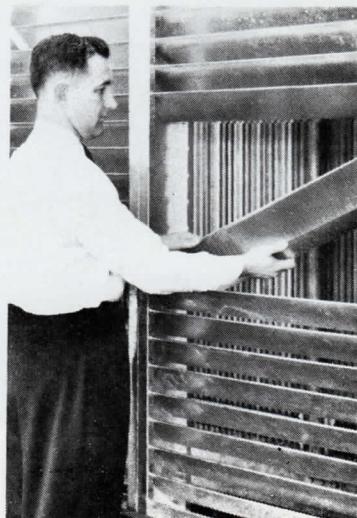
View of Airwasher tank, shows float valve, suction strainer and quick fill connection.



Nozzles are available with a range of orifice sizes to suit many different applications.



Individually removable inlet louvres are also available in plastic when requested.



SHELDON TYPE A AIRWASHER - 8 FT. DEEP

The Type A Airwasher is a heavy duty unit, designed for high efficiency and troublefree operation at an economical cost. This unit is eminently suitable where maximum humidification is required.

The casing is 8' deep for all sizes in this class. This Airwasher is furnished with two banks of sprays installed as opposed banks, thereby offering a large exposed spray area through which the air must pass. The spray nozzles are arranged on approximately 10" centres and are designed to give a uniform cone of spray which permits a thorough mixing of air and water spray.

A set of flooding nozzles are furnished which maintain an even water film over the leading surfaces of the eliminators, thus entraining any solid material not already precipitated by the spray chamber. Carry-over of moisture particles in the air stream is prevented by suitably arranged hooks on the last two bends in the eliminators.

Table 1 gives complete information on dimensions and capacities.

CFM

The cfm capacity of the Airwasher is based on a face velocity of 500 ft./min. at 70°F and 29.92" HG barometer.

GPM

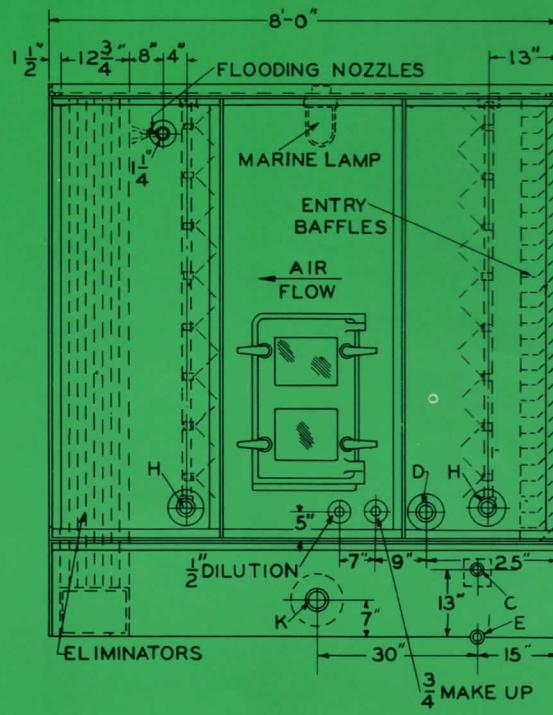
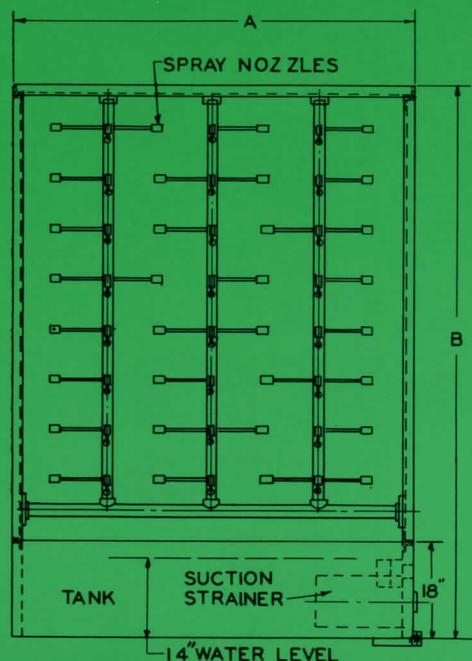
The water quantities given in the table are based on a distribution of 8 gpm/1000 cfm. For applications such as high humidification and dehumidification, consult our nearest Sales Representative.

WEIGHT

The operating weight of the Airwasher includes the water contained in the tank at a level of 14". The shipping weight can be obtained by subtracting the weight of this water from the total.

DIMENSIONS

All dimensions are in inches. Certified drawings will be provided upon request.



TYPE A Airwasher - Table 1

Size	CFM	Face Area Sq. Ft.	No. Nozzles		U.S. G.P.M. Total	Total Operating Weight Lbs.	A	B	C Overflow	D Quick-Fill	E Drain	H Spray Headers	K Suction
			Spray	Flood									
A 22	2000	4	8	2	16	2160	27	43½	2	1	1½	1½	1½
A 23	3000	6	12	2	24	2700	27	55½	2	1	1½	1½	1½
A 32	3000	6	12	3	24	2950	39	43½	2	1	1½	1½	1½
A 33	4500	9	24	3	36	3050	39	55½	2	1	1½	1½	2
A 34	6000	12	36	3	48	3150	39	67½	2	1	2	1½	2
A 35	7500	15	42	3	60	3250	39	79½	2	1	2	1½	2
A 42	4000	8	16	4	32	3750	51	43½	2	1	2	1½	2
A 43	6000	12	30	4	48	3870	51	55½	2	1	2	1½	2
A 44	8000	16	40	4	64	3990	51	67½	2	1	2	1½	2½
A 45	10000	20	60	4	80	4110	51	79½	2	1	2	1½	2½
A 46	12000	24	70	4	96	4220	51	91½	2	1	2	2	3
A 53	7500	15	36	5	60	4610	63	55½	2	1	2	1½	2
A 54	10000	20	60	5	80	4810	63	67½	2	1	2	1½	2½
A 55	12500	25	72	5	100	5010	63	79½	2½	1	2½	2	3
A 56	15000	30	84	5	120	5260	63	91½	2½	1	2½	2	3
A 57	17500	35	96	5	140	5510	63	103½	2½	1	2½	2½	4
A 64	12000	24	56	6	96	5700	75	67½	2	1¼	2	2	3
A 65	15000	30	84	6	120	5950	75	79½	2½	1¼	2½	2	3
A 66	18000	36	98	6	144	6200	75	91½	2½	1¼	2½	2½	4
A 67	21000	42	112	6	168	6450	75	103½	2½	1¼	2½	2½	4
A 68	24000	48	140	6	192	6700	75	115½	2½	1¼	2½	3	4
A 75	17500	35	96	7	140	6830	87	79½	2½	1¼	2½	2½	4
A 76	21000	42	112	7	168	7080	87	91½	2½	1¼	2½	2½	4
A 77	24500	49	128	7	196	7380	87	103½	2½	1¼	2½	3	4
A 78	28000	56	160	7	224	7630	87	115½	3	1¼	3	3	4
A 79	31500	63	176	7	252	7880	87	127½	3	1¼	3	3	5
A 86	24000	48	126	8	192	8060	99	91½	2½	1¼	2½	3	4
A 87	28000	56	144	8	224	8360	99	103½	2½	1¼	2½	3	4
A 88	32000	64	162	8	256	8660	99	115½	3	1¼	3	3	5
A 89	36000	72	198	8	288	8960	99	127½	3	1¼	3	3	5
A 90	40000	80	216	8	320	9260	99	139½	3	1¼	3	3	5
A 97	31500	63	160	9	252	9350	111	103½	2½	1¼	2½	3	5
A 98	36000	72	180	9	288	9700	111	115½	3	1¼	3	3	5
A 99	40500	81	200	9	324	9950	111	127½	3	1¼	3	3	5
A 910	45000	90	240	9	360	10350	111	139½	3	1¼	3	3	5
A 1008	40000	80	216	10	320	10620	123	115½	3	1½	3	3	5
A 1009	45000	90	240	10	360	11120	123	127½	3	1½	3	3	5
A 1010	50000	100	288	10	400	11420	123	139½	3	2	3	4	6
A 1011	55000	110	312	10	440	11620	123	151½	3	2	3	4	6
A 1108	44000	88	234	11	352	11700	135	115½	3	1½	3	4	6
A 1109	49500	99	260	11	396	12100	135	127½	3	2	3	4	6
A 1110	55000	110	312	11	440	12500	135	139½	3	2	3	4	6
A 1111	60500	121	338	11	484	12900	135	151½	3	2	3	4	6
A 1208	48000	96	252	12	384	12800	148	116	3	1½	3	4	6
A 1209	54000	108	280	12	432	13200	148	128	3	2	3	4	6
A 1210	60000	120	338	12	480	13600	148	140	3	2	3	4	6
A 1211	66000	132	364	12	528	14000	148	152	3	2	3	4	6
A 1308	52000	104	270	13	416	13750	160	116	3	2	4	4	6
A 1309	58500	117	300	13	468	14150	160	128	3	2	4	4	6
A 1310	65000	130	360	13	520	14600	160	140	3	2	4	4	6
A 1311	71500	143	390	13	572	15050	160	152	3	2	4	4	8
A 1408	56000	112	288	14	458	14800	172	116	3	2	4	4	6
A 1409	63000	126	320	14	504	15250	172	128	3	2	4	4	6
A 1410	70000	140	384	14	560	15750	172	140	3	2	4	4	8
A 1411	77000	154	416	14	616	16200	172	152	3	2	4	4	8
A 1508	60000	120	324	15	480	15830	184	116	3	2	4	4	8
A 1509	67500	135	390	15	540	16300	184	128	3	2	4	4	8
A 1510	75000	150	432	15	600	16830	184	140	3	2	4	4	8
A 1511	82500	165	468	15	660	17300	184	152	3	2	4	4	8
A 1608	64000	128	344	16	512	16800	196	116	3	2	4	4	8
A 1609	72000	144	380	16	576	17300	196	128	3	2	4	4	8
A 1610	80000	160	456	16	640	17800	196	140	3	2	4	4	8
A 1611	88000	176	494	16	704	18300	196	152	3	2	4	5	8
A 1708	68000	136	360	17	544	17900	208	116	3	2	4	4	8
A 1709	76500	153	400	17	612	18430	208	128	3	2	4	4	8
A 1710	85000	170	480	17	680	18960	208	140	3	2	4	4	8
A 1711	93500	187	520	17	748	19560	208	152	3	2	4	5	8
A 1808	72000	144	378	18	576	18900	220	116	3	2	4	4	8
A 1809	81000	162	420	18	648	19300	220	128	3	2	4	4	8
A 1810	90000	180	504	18	720	19700	220	140	3	2	4	4	8
A 1811	99000	198	546	18	792	20600	220	152	3	2	4	4	8
A 1908	76000	152	396	19	608	19900	232	116	3	2	4	4	8
A 1909	85500	171	440	19	684	20500	232	128	3	2	4	4	8
A 1910	95000	190	528	19	760	21100	232	140	3	2	4	4	8
A 1911	104500	209	570	19	836	21700	232	152	3	2	4	4	8
A 2008	80000	160	436	20	640	20900	244	116	3	2	4	4	8
A 2009	90000	180	480	20	720	21530	244	128	3	2	4	4	8
A 2010	100000	200	576	20	800	22160	244	140	3	2	4	4	8
A 2011	110000	220	624	20	880	22800	244	152	3	2	4	4	8
A 2108	84000	168	450	21	672	22000	256	116	3	2	4	4	8
A 2109	94500	189	500	21	756	22600	256	128	3	2	4	4	8
A 2110	105000	210	600	21	840	23200	256	140	3	2	4	4	8
A 2111	115500	231	650	21	924	23850	256	152	3	2	4	4	10
A 2208	88000	176	468	22	704	23200	268	116	3	2	4	4	8
A 2209	99000	198	520	22	792	23800	268	128	3	2	4	4	8
A 2210	110000	220	624	22	880	24400	268	140	3	2	4	4	10
A 2211	121000	242	678	22	968	24900	268	152	3	2	4	4	10

FLOODING NOZZLES — The capacity of the flooding nozzles is rated at 2.85 USGPM/nozzle at 30' head.

SHELDON TYPE B AIRWASHER - 6 FT. DEEP

The Type B Airwasher is designed for general cleaning, purifying, and humidifying where the load is not as severe as that required in Type A Airwashers. Type B Airwashers are furnished with only one bank of spray nozzles instead of two banks as in Type A. The casing is 6' deep in the direction of the airflow, which is sufficient to provide adequate heat exchange between the air and water to meet the requirements of the Type B Airwasher. One set of flooding nozzles is provided in Type B Airwashers to maintain efficient air cleaning. Table II gives complete information on dimensions and capacities.

CFM

The cfm capacity of the Airwasher is based on a face velocity of 500 ft./min. at 70°F and 29.92" HG barometer.

GPM

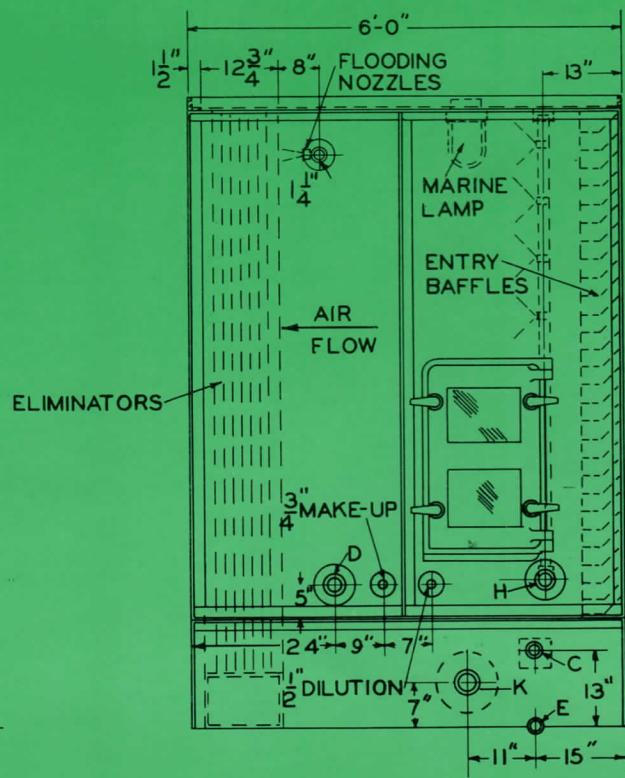
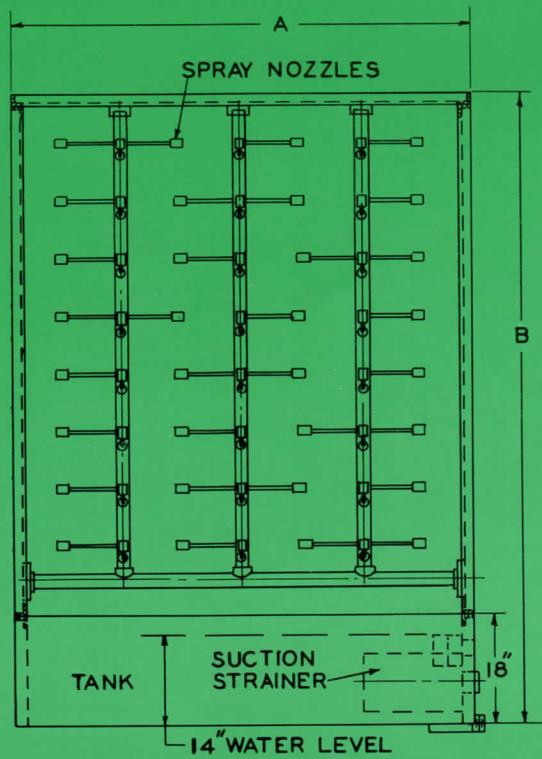
The water quantities given in the table are based on a distribution of 4½ gpm/1000 cfm. For applications such as high humidification and dehumidification, consult our nearest Sales Representative.

WEIGHT

The operating weight of the Airwasher includes the weight of water held in the tank at a level of 14". The shipping weight can be obtained by subtracting the weight of this water from the total.

DIMENSIONS

All dimensions are in inches. Certified drawings will be provided upon request.



TYPE B Airwasher - Table 2

Size	CFM	Face Area Sq. Ft.	No. Nozzles		U.S. G.P.M. Total	Total Operating Weight Lbs.	A	B	C Overflow	D Quick-fill	E Drain	H Spray Headers	K Suction
			Spray	Flood									
B 22	2000	4	4	2	9	1620	27	43½	1½	1	1½	1½	1½
B 23	3000	6	6	2	14	1820	27	55½	1½	1	1½	1½	1½
B 32	3000	6	6	3	14	2235	39	43½	1½	1	1½	1½	1½
B 33	4500	9	12	3	20	2385	39	55½	1½	1	1½	1½	1½
B 34	6000	12	18	3	27	2510	39	67½	1½	1	1½	1½	2
B 35	7500	15	21	3	34	2610	39	79½	1½	1	1½	1½	2
B 42	4000	18	8	4	18	2850	51	43½	1½	1	1½	1½	1½
B 43	6000	12	15	4	27	3000	51	55½	1½	1	1½	1½	2
B 44	8000	16	20	4	36	3150	51	67½	2	1	1½	1½	2
B 45	10000	20	30	4	45	3300	51	79½	2	1	1½	2	2
B 46	12000	24	35	4	54	3450	51	91½	2	1	1½	2	2
B 53	7500	15	18	5	34	3680	63	55½	2	1	1½	1½	2
B 54	10000	20	30	5	45	3840	63	67½	2	1	1½	2	2
B 55	12500	25	30	5	56	4010	63	79½	2	1	1½	2	2
B 56	15000	30	42	5	67	4170	63	91½	2	1	1½	2	2½
B 57	17500	35	48	5	78	4330	63	103½	2	1	1½	2½	2½
B 64	12000	24	28	6	54	4520	75	67½	2	1½	1½	2	2
B 65	15000	30	42	6	67	4720	75	79½	2	1½	1½	2	2½
B 66	18000	36	49	6	80	4920	75	91½	2	1½	1½	2½	2½
B 67	21000	42	56	6	94	5120	75	103½	2	1½	1½	2½	3
B 68	24000	48	70	6	108	5320	75	115½	2½	1½	1½	2½	3
B 75	17500	35	48	7	78	5510	87	79½	2	1½	2	2½	2½
B 76	21000	42	56	7	94	5740	87	91½	2	1½	2	2½	3
B 77	24500	49	64	7	110	5960	87	103½	2½	1½	2	3	3
B 78	28000	56	80	7	125	6185	87	115½	2½	1½	2	3	3
B 79	31500	63	88	7	140	6410	87	127½	2½	1½	2	3	4
B 86	24000	48	63	8	108	6500	99	91½	2½	1½	2	2½	3
B 87	28000	56	72	8	125	6900	99	103½	2½	1½	2	3	3
B 88	32000	64	81	8	144	7250	99	115½	2½	1½	2	3	4
B 89	36000	72	99	8	160	7450	99	127½	2½	1½	2	3	4
B 90	40000	80	108	8	180	7650	99	139½	2½	1½	2	3	4
B 97	31500	63	80	9	140	7520	111	103½	2½	1½	3	3	4
B 98	36000	72	90	9	160	7850	111	115½	2½	1½	3	3	4
B 99	40500	81	100	9	180	8170	111	127½	2½	1½	3	3	4
B 100	45000	90	120	9	200	8520	111	139½	2½	1½	3	4	4
B 1008	40000	80	108	10	180	8680	123	115½	2½	1½	3	3	4
B 1009	45000	90	120	10	200	9010	123	127½	2½	1½	3	4	4
B 1010	50000	100	144	10	220	9340	123	139½	2½	1½	3	4	4
B 1011	55000	110	156	10	245	9680	123	151½	3	1½	3	4	5
B 1108	44000	88	117	11	196	9500	135	115½	3	1½	3	4	4
B 1109	49500	99	130	11	220	9870	135	127½	3	1½	3	4	4
B 1110	55000	111	156	11	245	10230	135	139½	3	1½	3	4	5
B 1111	60500	121	169	11	270	10600	135	151½	3	1½	3	4	5
B 1208	48000	96	126	12	215	10350	148	116	3	1½	3	4	4
B 1209	54000	108	140	12	240	10750	148	128	3	1½	3	4	5
B 1210	60000	120	169	12	260	11150	148	140	3	1½	3	4	5
B 1211	66000	132	182	12	295	11550	148	152	3	1½	3	4	5
B 1308	52000	104	135	13	230	11200	160	116	3	1½	3	4	4
B 1309	58500	117	150	13	260	11620	160	128	3	1½	3	4	5
B 1310	65000	130	180	13	290	12040	160	140	3	1½	3	4	5
B 1311	71500	143	195	13	320	12450	160	152	3	1½	3	4	5
B 1408	56000	112	144	14	250	12020	172	116	3	1½	3	4	5
B 1409	63000	126	160	14	280	12470	172	128	3	1½	3	4	5
B 1410	70000	140	192	14	310	12920	172	140	3	1½	3	4	5
B 1411	77000	154	208	14	340	13370	172	152	3	1½	3	4	5
B 1508	60000	120	162	15	270	12860	184	116	3	1½	3	4	5
B 1509	67500	135	195	15	300	13330	184	128	3	1½	3	4	5
B 1510	75000	150	216	15	335	13790	184	140	3	1½	3	4	5
B 1511	82500	165	234	15	370	14260	184	152	3	1½	3	5	6
B 1608	64000	128	172	16	280	13700	196	116	3	1½	3	4	5
B 1609	72000	144	190	16	315	14200	196	128	3	1½	3	4	5
B 1610	80000	160	228	16	350	14700	196	140	3	1½	3	4	6
B 1611	88000	176	247	16	380	15200	196	152	3	1½	3	5	6
B 1708	68000	136	180	17	290	14550	208	116	3	1½	3	4	5
B 1709	76500	153	200	17	330	15070	208	128	3	1½	3	4	6
B 1710	85000	170	240	17	370	15580	208	140	3	1½	3	5	6
B 1711	93500	187	260	17	400	16100	208	152	3	1½	3	5	6
B 1808	72000	144	189	18	315	15380	220	116	3	1½	3	4	5
B 1809	81000	162	210	18	350	15930	220	128	3	1½	3	4	6
B 1810	90000	180	252	18	390	16450	220	140	3	1½	3	5	6
B 1811	99000	198	273	18	430	16600	220	152	3	1½	3	5	6
B 1908	76000	152	198	19	330	16200	232	116	3	1½	3	4	5
B 1909	85500	171	220	19	370	16780	232	128	3	1½	3	5	6
B 1910	95000	190	264	19	410	17360	232	140	3	1½	3	5	6
B 1911	104500	209	285	19	450	17950	232	152	3	1½	3	5	6
B 2008	80000	160	218	20	350	17050	244	116	3	1½	4	4	6
B 2009	90000	180	240	20	390	17650	244	128	3	1½	4	5	6
B 2010	100000	200	288	20	430	18250	244	140	3	1½	4	5	6
B 2011	110000	220	312	20	470	18550	244	152	3	1½	4	5	6
B 2108	84000	168	225	21	360	17850	256	116	3	1½	4	5	6
B 2109	94500	189	250	21	410	18500	256	128	3	1½	4	5	6
B 2110	105000	210	300	21	450	19150	256	140	3	1½	4	5	6
B 2111	115500	231	325	21	500	19800	256	152	3	1½	4	5	6
B 2208	88000	176	234	22	380	18600	268	116	3	1½	4	5	6
B 2209	99000	198	260	22	430	19300	268	128	3	1½	4	5	6
B 2210	110000	220	312	22	475	20000	268	140	3	1½	4	5	6
B 2211	121000	242	339	22	520	20700	268	152	3	1½	4	5	6

FLOODING NOZZLES — The capacity of the flooding nozzles is rated at 2.85 USGPM/nozzle at 30' head.

SHELDON TYPE C AIRWASHER - 4 FT. DEEP

The Type C Airwasher is the smallest of the three sizes available and it is extremely useful where space is limited. Although it has not the performance of the larger sizes, it is a very effective unit for cleaning and humidifying. It is often used on ventilating installations in industry when the least expensive method of cleaning and washing air is required.

Intimate mixing of the air and water is maintained in this 48" Airwasher by the use of special wide angle spray nozzles to provide maximum wet surface contact area. Flooding nozzles are not normally furnished with this class of washer.

Table III gives complete information on dimensions and capacities.

CFM

The cfm capacity of the Airwasher is based on a

face velocity of 500 ft./min. at 70 F and 29.92" HG barometer.

GPM

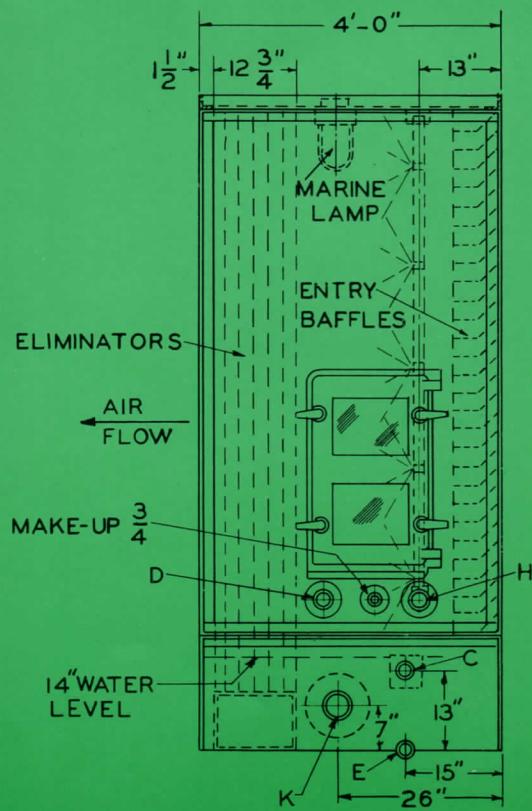
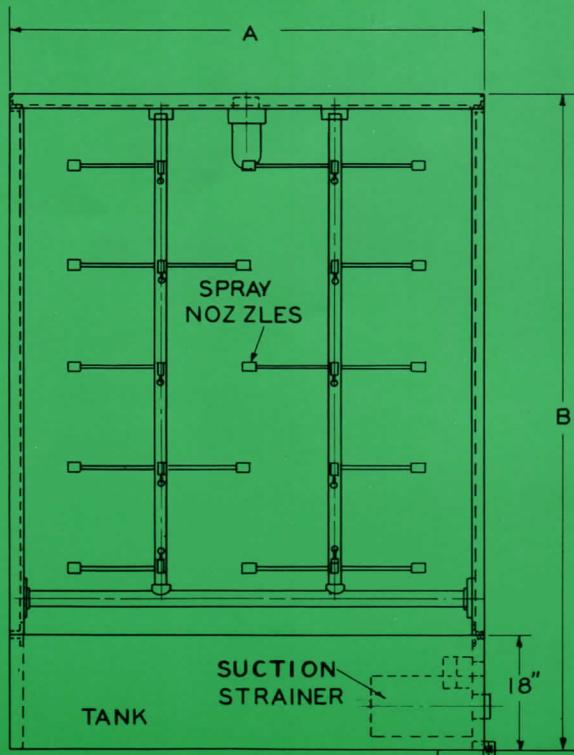
The water quantities given in the table are based on a distribution of approximately 4 gpm/1000 cfm, which is suitable for average humidifying, cleaning or evaporative cooling requirements.

WEIGHT

The operating weight of the Airwasher includes the weight of water held in the tank at a level of 14". The shipping weight can be obtained by subtracting the weight of this water from the total.

DIMENSIONS

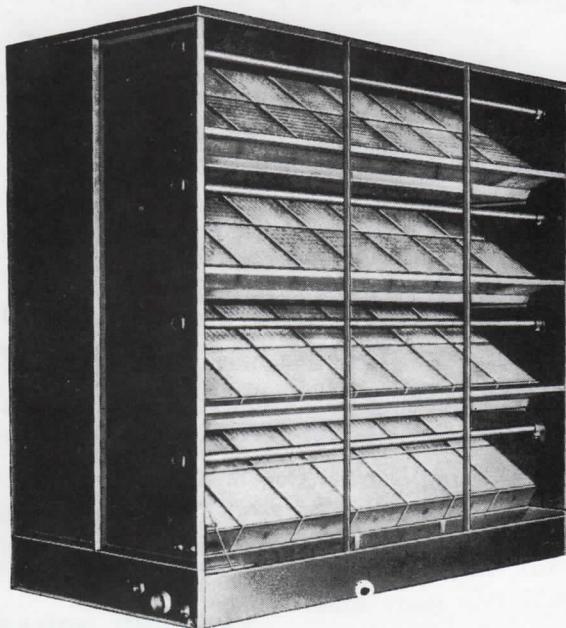
All dimensions are in inches. Certified drawings will be provided upon request.



TYPE C Airwasher - Table 3

Size	CFM	Face Area Sq. Ft.	Spray Nozzles	U.S. G.P.M. Total	Total Operating Weight Lbs.	A	B	C Overflow	D Quick-fill	E Drain	H Spray Headers	K Suction
C 22	2000	4	2	8	1230	27	43½	1½	1¼	1½	1½	1½
C 23	3000	6	3	11	1320	27	55½	1½	1¼	1½	1½	1½
C 32	3000	6	4	11	1680	39	43½	1½	1¼	1½	1½	1½
C 33	4500	9	6	17	1780	39	55½	1½	1¼	1½	1½	1½
C 34	6000	12	8	22	1880	39	67½	1½	1¼	1½	1½	1½
C 35	7500	15	9	28	1980	39	79½	1½	1¼	1½	1½	1½
C 42	4000	8	5	15	2070	51	43½	1½	1¼	1½	1½	1½
C 43	6000	12	6	22	2180	51	55½	1½	1¼	1½	1½	1½
C 44	8000	16	9	30	2295	51	67½	2	1¼	1½	1½	2
C 45	10000	20	12	38	2410	51	79½	2	1¼	1½	1½	2
C 46	12000	24	15	45	2520	51	91½	2	1¼	1½	1½	2
C 53	7500	15	9	28	2660	63	55½	2	1¼	1½	1½	2
C 54	10000	20	12	38	2780	63	67½	2	1¼	1½	2	2
C 55	12500	25	16	47	2900	63	79½	2	1¼	1½	2	2
C 56	15000	30	16	56	3020	63	91½	2	1¼	1½	2	2
C 57	17500	35	20	65	3140	63	103½	2	1¼	1½	2½	2½
C 64	12000	24	12	45	3250	75	67½	2	1¼	1½	2	2
C 65	15000	30	18	56	3375	75	79½	2	1¼	1½	2	2
C 66	18000	36	20	67	3500	75	91½	2	1¼	1½	2½	2½
C 67	21000	42	24	79	3630	75	103½	2	1¼	1½	2½	2½
C 68	24000	48	28	90	3750	75	115½	2	1¼	1½	2½	3
C 75	17500	35	20	65	3840	87	79½	2	1¼	1½	2½	2½
C 76	21000	42	25	79	3990	87	91½	2	1¼	1½	2½	2½
C 77	24500	49	30	92	4140	87	103½	2	1¼	1½	2½	3
C 78	28000	56	35	105	4290	87	115½	2½	1¼	1½	2½	3
C 79	31500	63	40	118	4440	87	127½	2½	1¼	1½	3	3
C 86	24000	48	28	90	4500	99	91½	2½	1¼	2	2½	3
C 87	28000	56	30	105	4700	99	103½	2½	1¼	2	2½	3
C 88	32000	64	36	120	4900	99	115½	2½	1¼	2	3	4
C 89	36000	72	40	135	5150	99	127½	2½	1¼	2	3	4
C 90	40000	80	48	150	5350	99	139½	2½	1¼	2	3	4
C 97	31500	63	30	118	5270	111	103½	2½	1¼	2	3	3
C 98	36000	72	36	135	5470	111	115½	2½	1¼	2	3	4
C 99	40500	81	42	152	5670	111	127½	2½	1¼	2	3	4
C 910	45000	90	48	170	5870	111	139½	2½	1¼	2	3	4
C 1008	40000	80	35	150	5920	123	115½	2½	1¼	2	3	4
C 1009	45000	90	42	170	6240	123	127½	2½	1¼	2	3	4
C 1010	50000	100	49	188	6550	123	139½	2½	1¼	2	3	4
C 1011	55000	110	56	206	6870	123	151½	2½	1¼	2	4	4
C 1108	44000	88	42	165	6550	135	115½	2½	1¼	2	3	4
C 1109	49500	99	48	185	6870	135	127½	2½	1¼	2	3	4
C 1110	55000	110	56	206	7180	135	139½	2½	1¼	2	4	4
C 1111	60500	121	64	226	7400	135	151½	2½	1¼	2	4	5
C 1208	48000	96	45	180	7100	148	116	2½	1¼	2	3	4
C 1209	54000	108	54	200	7450	148	128	2½	1¼	2	4	4
C 1210	60000	120	63	225	7800	148	140	2½	1¼	2	4	5
C 1211	66000	132	72	248	8150	148	152	3	1¼	2	4	5
C 1308	52000	104	50	195	7650	160	116	3	1¼	2½	4	4
C 1309	58500	117	60	220	8030	160	128	3	1¼	2½	4	4
C 1310	65000	130	70	244	8420	160	140	3	1¼	2½	4	5
C 1311	71500	143	80	270	8800	160	152	3	1¼	2½	4	5
C 1408	56000	112	66	210	8200	172	116	3	1¼	2½	4	5
C 1409	63000	126	77	236	8600	172	128	3	1¼	2½	4	5
C 1410	70000	140	82	262	9000	172	140	3	1¼	2½	4	5
C 1411	77000	154	88	290	9400	172	152	3	1¼	2½	4	5
C 1508	60000	120	66	225	8750	184	116	3	1¼	2½	4	5
C 1509	67500	135	80	250	9200	184	128	3	1¼	2½	4	5
C 1510	75000	150	88	280	9650	184	140	3	1¼	2½	4	5
C 1511	82500	165	96	310	10100	184	152	3	1¼	2½	4	5
C 1608	64000	128	78	240	9300	196	116	3	1¼	2½	4	5
C 1609	72000	144	91	270	9750	196	128	3	1¼	2½	4	5
C 1610	80000	160	98	300	10020	196	140	3	1¼	2½	4	5
C 1611	88000	176	104	330	10400	196	152	3	1¼	2½	5	5
C 1708	68000	136	84	255	9900	208	116	3	1½	2½	4	5
C 1709	76500	153	98	288	10380	208	128	3	1½	2½	4	5
C 1710	85000	170	112	320	10870	208	140	3	1½	2½	5	5
C 1711	93500	187	126	350	11350	208	152	3	1½	2½	5	6
C 1808	72000	144	84	270	10400	220	116	3	1½	2½	4	5
C 1809	81000	162	98	300	10930	220	128	3	1½	2½	4	5
C 1810	90000	180	112	338	11440	220	140	3	1½	2½	5	6
C 1811	99000	198	126	370	11920	220	152	3	1½	2½	5	6
C 1908	76000	152	90	285	10920	232	116	3	1½	2½	4	5
C 1909	85500	171	105	320	11470	232	128	3	1½	2½	5	6
C 1910	95000	190	120	355	12020	232	140	3	1½	2½	5	6
C 1911	104500	209	135	390	12570	232	152	3	1½	2½	5	6
C 2008	80000	160	96	300	11600	244	116	3	1½	3	4	5
C 2009	90000	180	112	340	12130	244	128	3	1½	3	5	6
C 2010	100000	200	128	375	12670	244	140	3	1½	3	5	6
C 2011	110000	220	144	410	13250	244	152	3	1½	3	5	6
C 2108	84000	168	96	315	12030	256	116	3	1½	3	4	5
C 2109	94500	189	112	355	12600	256	128	3	1½	3	5	6
C 2110	105000	210	128	395	13240	256	140	3	1½	3	5	6
C 2111	115500	231	144	430	13900	256	152	3	1½	3	5	6
C 2208	88000	176	102	335	12500	268	116	3	1½	3	5	6
C 2209	99000	198	119	370	13150	268	128	3	1½	3	5	6
C 2210	110000	220	136	410	13770	268	140	3	1½	3	5	6
C 2211	121000	242	153	450	14400	268	152	3	1½	3	5	6

Some further examples of Sheldon Air Conditioning equipment are shown below:

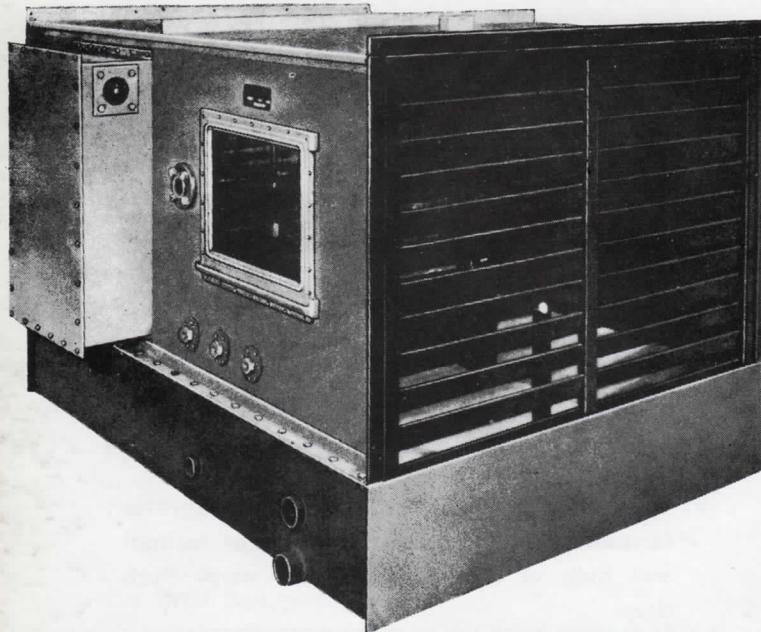


CAPILLARY AIRWASHERS

Capillary Airwashers are ideally suited to systems involving the cleaning and humidification of large quantities of air as in textile mills, hospital operating theatres, laboratories, and many industrial applications.

Saturation efficiencies as high as 97% can be obtained with Capillary Airwashers with low pumping heads.

For further information of the application of these units, apply to any of the Sales Offices listed below.



SPRAYED COIL DEHUMIDIFIERS

Sheldon Sprayed Coil Dehumidifiers are ideally suited for use in office buildings, hotels, hospitals, and large commercial and industrial installations where accurate control of temperature and humidity over a wide range of conditions is required.

For further information on the application and sizes of these units, apply to any of the Sales Offices listed below.



SHELDONS ENGINEERING LIMITED

Cambridge, Ontario; Montreal, Toronto, Hamilton, London, Ottawa, Edmonton, Vancouver

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