

# SHELDONS

**7600 Type SR-2**

Spun Aluminum

## **ROOF VENTILATOR**



**Catalogue No. 6008**

SUPERSEDES CATALOGUE 6005



# SHELDONS SR-2

## Spun Aluminum

# ROOF VENTILATOR

### GENERAL DESCRIPTION

An all-Canadian product, the Sheldon Type SR-2 Roof Ventilator has many definite advantages for economical ventilation.

- It is designed to meet the most severe weather conditions for efficient, reliable, and trouble-free operation throughout the year.
- Spinning of all components provides a smooth low silhouette which beautifully compliments modern architecture. Spinnings also minimize air flow turbulence, thus reducing noise and friction while improving the operating efficiency.
- Corrosion-resistant aluminum and a strong rigid structure ensures rugged reliable operation.
- Type SR-2 Roof Ventilators are available in either belt or direct driven models, with capacities up to 20000 cfm.
- All units are shipped completely assembled. Installation is simple, using either roof curbs or Sheldons sound-absorbing SUPER-SONELIM curbs.
- The light weight of the units imposes no substantial addition to the existing roof loads.
- Complete weatherproofing is provided on all SR-2 units by the use of a unique "rain barrier" incorporated in the upper shroud spinning. Wind-blown rain will not affect the electrical components.
- Dynamic balancing of all fan wheels on accurate balancing machines ensures vibration-free roof ventilator operation.
- Standard motors used are the drip proof, ball bearing type, mounted outside the air stream under the protective top cover. The motor bearings are grease lubricated for approximately ten years of normal operation, and are suitable for continuous operation with a minimum of maintenance.

### ACCESSORIES

#### Shutters — Model "AS"

The type "AS" automatic shutters are designed for operation in a vertical air flow, the shutter closing by gravity when the ventilator is not operating. Features of the type AS shutter include:

- 18 ga. welded steel frame.
- light gauge aluminum louvres with a patented roll lock which holds the silencing felt securely in position to ensure noiseless rattle-free shutter operation.
- proper louvre interconnections keep blades parallel to prevent vibration and flutter, and to maintain quiet and steady shutter movement.

#### Shutters — Model "MS"

The type "MS" motorized shutters have light gauge blades designed for heavy duty operation in a vertical air flow. When installed with SR-2 Roof Ventilators, the shutter motor should be wired into the SR-2 Ventilator motor starter circuit so that the motorized shutters open when the fan motor is started.

### Pre-fab Curbs

Sheldons PRE-FAB curbs are designed for fast, simple installation and can be mounted directly on the roof decking. This convenience avoids the need for curbs to be made by the contractor.

### Super-Sonelim Curbs

Sheldons SUPER-SONELIM curbs are designed specifically to reduce the noise level of SR-2 Roof Ventilators. In many types of buildings, noises may be transmitted for long distances and may be substantially amplified. In order to reduce the noise level at the origin, Sheldons SR-2 Roof Ventilator may be supplied with a SUPER-SONELIM curb to absorb sound energy. On installation, normal roof flashing over the SUPER-SONELIM curb should be provided for adequate weather protection.

### Disconnect Switches

C.S.A. approved disconnect switches are supplied as standard equipment on all belt-driven SR-2 units to isolate the motor for safe servicing. On direct connected SR-2 units, disconnect switches are an optional extra.

### SOUND LEVELS

Sound levels of Sheldons SR-2 Roof Ventilators are presented in this catalogue by SONE values. By definition, a sone is the loudness of a sound at 1000 hertz and a sound pressure of 0.02 microbars.

The loudness of a sound is dependent on both the overall sound intensity and the frequency distribution. By summation of the sound intensities in each audible octave band and applying factors, it is possible to calculate a "single value" sound level, which has the units of sones.

From a practical viewpoint, one sone is approximately the loudness of a quiet refrigerator in a quiet kitchen. Thus a 16 sone sound will appear twice as loud to the average person as an 8 sone source.

### TYPICAL ROOM LOUDNESS LIMITS IN SONES

Apartment houses .....	3-9	Hospital laboratory .....	4-12
Assembly lines .....	12-36	Hospital ward .....	2-6
Banks .....	4-12	Hotel lobby .....	4-12
Banquet rooms .....	8-24	Lecture hall .....	2-6
Church sanctuary .....	1.7-5	Library .....	2-6
Cocktail lounge .....	5-15	Machine Shop .....	15-50
Coliseums .....	3-9	Movie Theatre .....	2-6
Conference rooms .....	1.7-5	Office - executive .....	2-6
Department store .....	4-18	Office - general .....	4-12
Foundries .....	20-60	Reception room .....	3-9
Gymnasium .....	4-12	Restaurant .....	4-12

It is possible to determine the loudness of installed fans, considering such factors as the room size and its acoustical qualities, as well as the number of fans and their sone ratings. These techniques are best illustrated by an example.

### EXAMPLE

Suppose five fans are to be installed in a warehouse 300' x 275' x 40'. Two of these fans are rated at 20 sones each and the remaining three at 15 sones each. The warehouse has poured concrete floors with cement block walls and a ceiling insulated with rolls of fiberglass insulation. Readings taken with a sound level meter indicate that the average background sound level of the enclosed area can be calculated at 10 sones without the fans operating. It is required to calculate the overall sound intensity in sones in the warehouse with the fans operating. The solution may be presented in four steps.

### STEP 1: ADDITION OF EQUAL SOUNDS

To find the combined loudness of fans of equal loudness rating, figure 1 must be used.

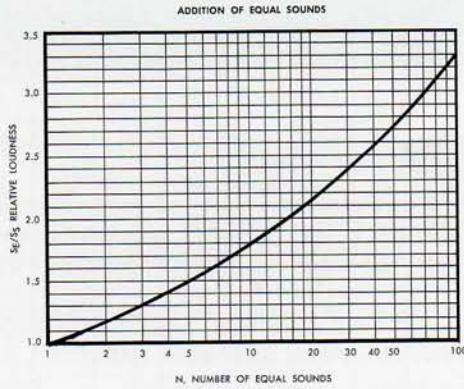


Figure 1

Consider first the two fans at 20 sones each. Here  $N = 2$  and  $S_s = 20$  where  $S_s$  is the sone value of the fans of equal loudness. From figure 1, when  $N = 2$ ,  $S_E/S_s = 1.2$ , where  $S_E$  is the total sound loudness for all the fans of equal loudness rating.

$$S_E = 1.2 \times S_s = 1.2 \times 20 = 24 \text{ sones}$$

Similarly, for the three fans rated at 15 sones each:

$$N = 3 \text{ and } S_s = 15$$

From figure 1, when  $N = 3$ ,  $S_E/S_s = 1.33$

$$S_E = 1.33 \times S_s = 1.33 \times 15 = 19.95 \text{ sones}$$

### STEP 2: ADDITION OF UNEQUAL SOUNDS

To find the combined loudness of all five fans it is necessary to add sound sources of unequal intensities. Here we consider the two fans at 20 sones each as one unit and the three fans at 15 sones each as another unit. Letting  $S_H$  be the higher loudness and  $S_L$  the lower, and from step 1:

$$S_H = 24 \quad S_L = 19.95 \quad S_H/S_L = 1.2$$

For the addition of unequal sounds, use Chart 1.

### ADDITION OF UNEQUAL SOUNDS

Chart 1

$S_H/S_L$	1.00	1.05	1.10	1.15	1.20	1.25	1.30	1.35	1.40	1.45
$S_R$	1.20	1.17	1.15	1.13	1.10	1.10	1.09	1.08	1.07	1.06
$S_H/S_L$	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40
$S_R$	1.05	1.04	1.03	1.03	1.03	1.03	1.02	1.02	1.02	1.01

From Chart 1, when  $S_H/S_L = 1.2$ ,  $S_R = 1.10$  where  $S_R$  is the increase in loudness relative to  $S_H$ . The total sound loudness,  $S_T$ , when adding sources of unequal intensities is given by:

$$S_T = S_H \times S_R = 24 \times 1.10 = 26.4 \text{ sones}$$

### STEP 3: ROOM EFFECT ON FAN LOUDNESS

The sound heard by the human ear from these fans will depend on the sound absorbing qualities of the room surfaces. A "hard" room will appear much noisier than a "soft" room with the same fans. The effect of the room size and its acoustical characteristics on the fan loudness can be calculated by using figure 2.

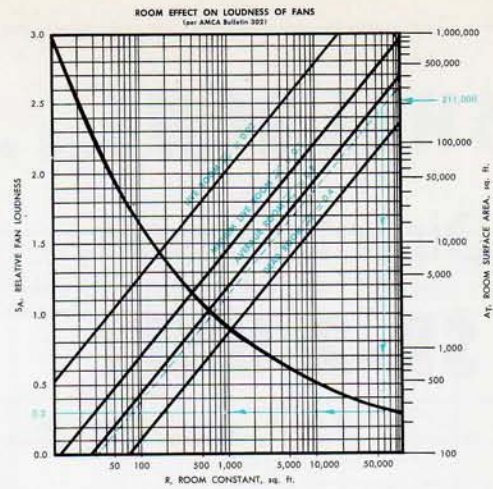


Figure 2

The total surface area of the whole room is:  $A_T = 211000$  sq. ft.

The sound absorption coefficients for several typical building materials are given in Chart 2.

Chart 2

Material	Absorption Coefficient	Material	Absorption Coefficient
Acoustic Tile	0.75	Concrete Block	0.02
Asbestos insulation	0.65	Concrete floor	0.02
Brick painted	0.02	Glass	0.02
Brick unpainted	0.05	Plaster	0.04
Carpet unlined	0.60	Wood floor	0.03
Carpet lined	0.80	Wood panelling	0.06

For the ceiling:  $\mathcal{L}_1 = 0.65$  and  $A_1 = 82500$  sq. ft.

For the walls & floor:  $\mathcal{L}_2 = 0.02$  and  $A_2 = 128500$  sq. ft.

The average absorption coefficient is:

$$\bar{\mathcal{L}} = \frac{\mathcal{L}_1 A_1 + \mathcal{L}_2 A_2}{A_1 + A_2} = 0.266$$

From Figure 2, when  $A_T = 211000$  &  $\bar{\mathcal{L}} = 0.266$ ,

$$R = 70,000 \text{ sq. ft.} \quad \text{and} \quad S_A = 0.3$$

where  $S_A$  is the relative fan loudness.

The acoustic characteristics of the room will cause absorption of some of the sound produced by the fans. When the sound absorbing effect of the room is taken into consideration, the loudness intensity  $S_v$ , due to the fans only, inside the warehouse is given by:

$$S_v = S_T \times S_A = 26.4 \times 0.3 = 7.9 \text{ sones}$$

### STEP 4: TOTAL ROOM LOUDNESS DUE TO FANS AND BACKGROUND NOISE COMBINED

The fan loudness in the room was calculated to be 7.9 sones, but the original sound loudness due to other sources is 10 sones. Using the procedures of step 2, it is possible to add these sound values together.

$$S_H = 10, S_L = 7.9 \quad S_H/S_L = 1.27$$

From Chart 1, when  $S_H/S_L = 1.27$ ,  $S_R = 1.095$

This represents a 9½% increase in the sone value in the room due to the fans. Thus the total sound loudness,  $S_T$ , of the room considering all sources is given by:

$$S_T = S_H \times S_R = 10 \times 1.095 = 10.95 \text{ sones}$$

### FAN SELECTION

To calculate the capacity of a ventilator, estimate the total volume in cubic feet of the room to be ventilated, then determine the number of air changes required to provide good ventilation without excessive drafts.

A table of recommended times for one air change is given below for the usual types of buildings using roof ventilation.

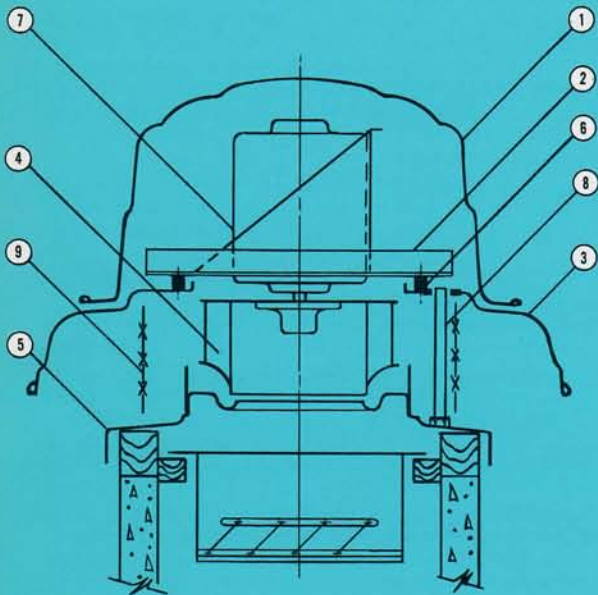
Type of Building	Time Per Air Change (Min.)	Type of Building	Time Per Air Change (Min.)
Assembly Hall	4-10	Kitchen	2-3
Auditorium	4-15	Laundry	2-5
Bakery	2-3	Paper Mill	2-3
Boiler Room	3-5	Restaurant	5-10
Factory (General)	5-10	Store	5-10
Foundry	4-6	Toilets	3-5
Garage	5-7	Warehouse	3-10

$$\text{FAN CAPACITY} = \frac{\text{Volume of Room (cubic feet)}}{\text{Time for one Air Change (Min.)}}$$

Where a large number of people are located in one room, it is usual to allow 30 cfm per person as a desirable ventilation rate.

# SHELDONS

## Direct Driven SR-2 UNIT



### FEATURES

The direct-driven SR-2 ventilator is manufactured only in sizes 7 to 16 inclusive. For belt-driven sizes see page 5. The component features of the direct-drive unit are as follows:

#### 1. MOTOR COVER . . .

Allows the passage of cooling air to flow over the motor, yet at the same time completely protects the motor from severe weather conditions.

#### 2. MOTOR SUPPORT . . .

A rigid all-welded steel frame supports the motor and wheel assembly.

#### 3. UPPER SHROUD . . .

Carries the motor support frame through rubber vibration isolators. This spinning incorporates a unique "rain barrier" which prevents wind blown rain from entering the ventilator.

#### 4. ALUMINUM FAN WHEEL . . .

The all-aluminum centrifugal wheel has backwardly inclined blades which provide a non-overloading performance characteristic. All wheels are dynamically balanced to ensure vibration-free operation.

#### 5. COMBINATION CURB CAP AND INLET . . .

This smooth spinning ensures streamline flow to reduce entry losses. The square ventilator curb cap fits snugly over the usual flashed roof curb of the building, or alternatively can be mounted on a Sheldon PRE-FAB or SUPER-SONELIM curb.

#### 6. VIBRATION ISOLATORS . . .

Soft rubber isolators eliminate motor vibration and assist in reducing motor magnetic hum from being transmitted to the roof of the building.

#### 7. MOTOR . . .

The vertically mounted motor is located outside the airstream and has the fan wheel mounted directly on the motor shaft. Resilient mounted motors ensure maximum noise and vibration reduction. Explosion proof motors are not available for direct-connected SR-2 units. Use belt-driven units for all explosion proof applications.

#### 8. CONDUIT PIPE . . .

Provides protection to the wiring from severe weather conditions.

#### 9. BIRD SCREEN . . .

Provided as optional extra and is made of expanded aluminum mesh.

#### 10. SHUTTERS . . .

Prevent drafts from entering the building when the fan is not operating. An optional extra feature, see page 1.

#### 11. SEAL PLATES . . .

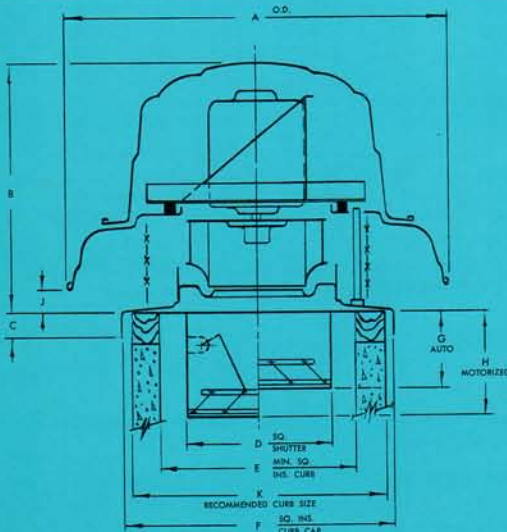
Seal the motor compartment and thus protect the motor from fumes, grease, etc. Seal plates are available as an optional extra on all direct-connected SR-2 units.

**PERFORMANCE TABLE No. 1**

**Direct Connected SHELDON Type SR-2 VENTILATOR**

Unit Size	Sones @ 0" SP	Motor HP	Fan RPM	Tip Speed fpm	Free Delivery		1/8" SP		1/4" SP		3/8" SP		1/2" SP		5/8" SP		3/4" SP		7/8" SP		1" SP	
					cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP
7-L-SR-2	2.2	1/20	860	1773	177	.01	90	.01														
7-M-SR-2	3.6	1/8	1150	2371	237	.01	169	.01	102	.01												
7-H-SR-2	6.7	1/6	1740	3587	358	.03	313	.04	268	.04	229	.04	191	.04	133	.04						
8-L-SR-2	2.7	1/20	860	1942	233	.01	141	.01														
8-M-SR-2	4.4	1/8	1150	2597	311	.02	236	.02	175	.02												
8-H-SR-2	7.9	1/6	1740	3929	470	.05	422	.06	369	.06	324	.06	288	.06	231	.06						
9-L-SR-2	3.5	1/20	860	2139	311	.01	203	.01														
9-M-SR-2	5.4	1/8	1150	2860	416	.03	330	.03	261	.03	173	.03										
9-H-SR-2	9.5	1/6	1740	4328	629	.09	576	.10	513	.10												
10-L-SR-2	4.3	1/20	860	2364	420	.02	299	.02	180	.02												
10-M-SR-2	6.6	1/8	1150	3161	561	.04	465	.05	381	.05	312	.05	186	.04								
10-H-SR-2	11.4	1/6	1740	4783	849	.14	792	.16	726	.16	664	.16	610	.16	554	.17	517	.17	461	.17	374	.17
11-L-SR-2	5.2	1/20	860	2643	710	.04	550	.04	368	.04												
11-M-SR-2	7.9	1/8	1150	3574	961	.09	833	.09	722	.09	583	.09	439	.09								
11-H-SR-2	13.8	1/3	1740	5441	1462	.31	1385	.32	1296	.32	1212	.32	1147	.32	1068	.32	965	.32	884	.32	804	.32
12-L-SR-2	6.4	1/8	860	2921	959	.06	774	.06	582	.06												
12-M-SR-2	9.5	1/6	1150	3952	1297	.14	1159	.15	1030	.15	887	.15	745	.15	563	.14						
14-L-SR-2	8.0	1/8	860	3282	1361	.10	1144	.11	953	.11	727	.11										
14-M-SR-2	11.8	1/3	1150	4441	1841	.26	1690	.27	1526	.27	1398	.27	1214	.27	1066	.26	882	.26				
16-L-SR-2	10.0	1/4	860	3700	1948	.19	1708	.20	1499	.20	1225	.20	987	.19								
16-M-SR-2	14.9	1/2	1150	5005	2636	.47	2469	.48	2277	.49	2120	.49	1967	.49	1756	.49	1583	.48	1404	.48	1152	.45

Performance is shown for SR-2 Roof Ventilators without ducts. Performance tables are based on air at 0.075 lb. per cu. ft. (70°F) and 29.92" Hg barometric pressure.



**DIMENSIONS DIRECT DRIVEN SR-2 ROOF VENTILATORS**

Unit Size	A	B	C	D A.S. or M.S. Type	E	F	G	H	J	K	Wt. Lbs. *
7	23½	14½	2	8	12	16	8	15	1¼	15	16
8	23½	15	2	8	12	16	8	15	1¾	15	17
9	25½	16¾	2	9	13	17	8	15	1⅝	16	19
10	25½	17	2	9	13	17	8	15	1⅞	16	19
11	31⅝	18½	2	15	19¼	23½	8	15	1¾	22½	27
12	31⅝	18⅞	2	15	19¼	23½	8	15	2¼	22½	27
14	36½	20¼	2	18	22¼	26½	8	15	2	25½	34
16	36½	21	2	18	22¼	26½	8	15	2¾	25½	36

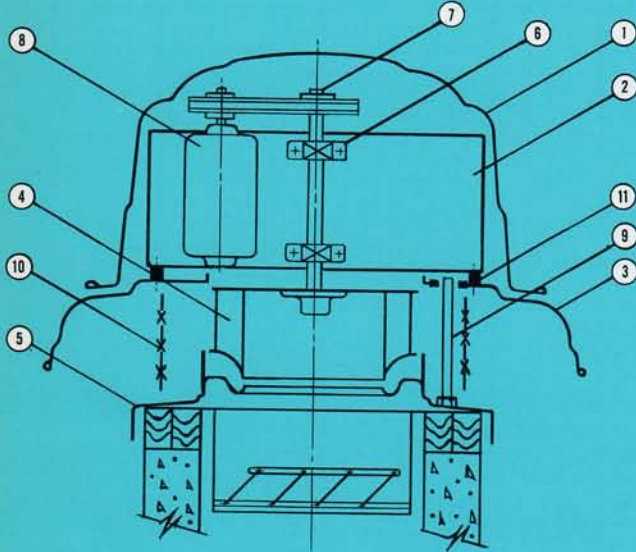
\*Weight does not include motors or shutters.

# SHELDONS

## Belt-Driven SR-2 UNIT



Shown above is a photo of a Sheldon SR-2 belt-driven Roof Ventilator with the motor cover removed to show motor and drive.



### FEATURES

Belt-driven SR-2 roof ventilators are supplied from size 11 to 40 inclusive. The component features of the belt-driven unit are as follows:

#### 1. MOTOR COVER . . .

Protects the motor and drive from adverse weather conditions while permitting air to circulate to cool the motor. The cover is easily removable for access to the motor and drive.

#### 2. MOTOR SUPPORT . . .

Both the bearings and motor are mounted on a strong rigid frame, isolated from the main body of the SR-2 unit by rubber isolators. Adjustment of belt tension is provided on all SR-2 belt-driven units by slotted holes in the motor base.

#### 3. UPPER SHROUD . . .

Carries the motor and drive assembly through vibration isolators, and has a "rain-barrier" to prevent rain being blown into the motor and drive compartment. The wheel, shaft, motor, and bearings can all be withdrawn as one assembly through this upper shroud.

#### 4. ALUMINUM FAN WHEEL . . .

The all-aluminum centrifugal wheel has backwardly inclined blades which provides a non-overloading performance characteristic. All wheels are dynamically balanced to ensure vibration-free operation.

#### 5. COMBINATION CURB CAP AND INLET . . .

This smooth spinning ensures streamline flow to reduce entry losses. The square ventilator curb cap fits snugly over the usual flashed roof curb of the building, or alternatively can be mounted on a Sheldon PRE-FAB or SUPER-SONELIM curb.

#### 6. BEARING ASSEMBLY . . .

Selected to accommodate the thrust load, these grease-lubricated, self-aligning, ball-bearings require a minimum of maintenance.

#### 7. V-BELT DRIVE . . .

Adjustable motor sheaves are supplied as standard equipment on all belt-driven units, with provision for the adjustment of tension. Care has been taken to ensure that when the drive is adjusted to its full extent, no fouling of the motor cover will occur.

### 8. MOTORS . . .

Motors are provided with sealed pre-lubricated ball-bearings suitable for vertical mounting. Availability of SR-2 belt-driven units equipped with explosion proof motors is outlined below.

Fan Size	Explosion Proof Motor		Fan Size	Explosion Proof Motor	
	Single Phase	Three Phase		Single Phase	Three Phase
11A-16A	NA	NA	24-G	NA	NA
11B-16B	A	A	30-D	A	A
11C-16C	A	A	30-E	A	A
11D-16D	NA	NA	30-G	A	A
18-A	NA	NA	30-J	NA	A
18-B	A	A	30-K	NA	A
18-C	A	A	36-D	A	A
18-D	NA	NA	36-E	A	A
18-E	NA	NA	36-G	A	A
22-B	A	A	36-J	NA	A
22-C	A	A	36-K	NA	A
22-D	A	A	36-N	NA	A
22-E	A	A	40-D	A	A
22-G	NA	NA	40-E	A	A
24-B	A	A	40-G	A	A
24-C	A	A	40-J	NA	A
24-D	A	A	40-K	NA	A
24-E	A	A	40-N	NA	A
			40-P	NA	A

A — Available      NA — Not available

If an explosion-proof motor is mandatory, but is not available in the size of Roof Ventilator selected, choose the next available size or consider using a three phase motor if available.

When explosion proof motors are supplied, the motor compartment is isolated from the airflow by a seal plate secured to the upper shroud.

#### 9. CONDUIT PIPE . . .

Provides protection to the wiring from severe weather conditions.

#### 10. BIRD SCREEN . . .

Provided as optional extra equipment, these screens are made of expanded aluminum mesh.

#### 11. VIBRATION ISOLATORS . . .

Soft rubber isolators eliminate motor vibration and assist in reducing motor magnetic hum from being transmitted to the roof of the building.

#### 12. SHUTTERS . . .

Prevent drafts from entering the building when the fan is not operating. An optional extra feature, see page 1.

**PERFORMANCE TABLES No. 2**

**SHELDON Belt-Driven SR-2 UNITS**

**SIZE: 11 SR-2**

Unit Size	Motor HP	Max. RPM	Sones @ 0" SP	Fan RPM	Tip Speed fpm	Free Delivery		1/8" SP		1/4" SP		3/8" SP		1/2" SP		5/8" SP		3/4" SP		7/8" SP		1" SP		1-1/8" SP				
						cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm
11-A-SR-2	1/6	1406	3.0	500	1865	501	.01	259	.01																			
			3.8	700	2176	585	.02	376	.02																			
			4.7	800	2487	668	.03	496	.03	284	.03																	
			5.6	900	2798	752	.04	597	.04	433	.04																	
			6.5	1000	3109	835	.06	690	.06	544	.06	387	.06															
			7.4	1100	3420	919	.08	784	.08	668	.08	528	.08	283	.06													
			8.3	1200	3731	1002	.10	881	.10	776	.10	636	.10	518	.10													
			9.3	1300	4042	1086	.13	976	.13	870	.13	766	.13	643	.13	515	.12											
10.3	1400	4352	1169	.16	1069	.16	963	.16	875	.16	752	.16	658	.16	521	.15												
11-B-SR-2	1/4	1609	11.2	1500	4663	1253	.19	1160	.20	1055	.20	979	.20	883	.20	769	.20	676	.20	537	.19							
			12.3	1600	4974	1336	.24	1251	.24	1152	.24	1072	.24	993	.25	884	.25	797	.24	703	.24	567	.23					
11-C-SR-2	1/3	1770	12.8	1650	5130	1378	.26	1295	.27	1200	.27	1119	.27	1047	.27	950	.27	850	.26	770	.26	661	.26	424	.21			
			13.4	1700	5285	1420	.28	1340	.29	1248	.29	1166	.29	1100	.29	1013	.29	902	.29	828	.29	736	.28	608	.27			
			13.9	1750	5441	1462	.31	1385	.32	1276	.32	1212	.32	1147	.32	1068	.32	965	.32	884	.32	804	.31	701	.31			

**SIZE: 12 SR-2**

Unit Size	Motor HP	Max. RPM	Sones @ 0" SP	Fan RPM	Tip Speed fpm	Free Delivery		1/8" SP		1/4" SP		3/8" SP		1/2" SP		5/8" SP		3/4" SP		7/8" SP		1" SP		1-1/8" SP				
						cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm
12-A-SR-2	1/6	1190	3.8	600	2062	677	.02	410	.02																			
			4.8	700	2405	789	.03	571	.03	188	.02																	
			5.8	800	2749	902	.05	711	.05	506	.05																	
			6.8	900	3093	1015	.07	837	.07	657	.07	462	.07															
			7.9	1000	3436	1128	.09	964	.10	823	.10	652	.10	390	.08													
			9.0	1100	3780	1241	.13	1094	.13	966	.13	800	.13	660	.13													
12-B-SR-2	1/4	1362	10.0	1200	4123	1353	.16	1222	.17	1092	.17	971	.17	821	.17	680	.16											
			11.2	1300	4467	1466	.21	1347	.21	1218	.22	1118	.22	974	.22	855	.21	715	.21									
			11.8	1350	4639	1523	.23	1409	.24	1280	.24	1187	.24	1066	.24	929	.24	813	.24	635	.22							
12-C-SR-2	1/3	1498	12.4	1400	4811	1579	.26	1470	.27	1345	.27	1250	.27	1143	.27	1000	.27	900	.26	763	.26	375	.19					
			13.0	1450	4982	1635	.29	1531	.30	1410	.30	1313	.30	1216	.30	1083	.30	977	.30	863	.30	700	.28					
			13.6	1500	5154	1692	.32	1591	.33	1476	.33	1376	.33	1289	.33	1174	.33	1048	.33	953	.32	824	.32	585	.27			
12-D-SR-2	1/2	1715	14.8	1600	5498	1804	.39	1711	.40	1605	.40	1502	.40	1423	.40	1329	.41	1206	.41	1104	.40	1013	.39	893	.39			
			16.1	1700	5841	1917	.47	1830	.48	1732	.48	1627	.48	1548	.48	1474	.49	1378	.49	1256	.49	1165	.48	1070	.47			

**SIZE: 14 SR-2**

Unit Size	Motor HP	Max. RPM	Sones @ 0" SP	Fan RPM	Tip Speed fpm	Free Delivery		1/8" SP		1/4" SP		3/8" SP		1/2" SP		5/8" SP		3/4" SP		7/8" SP		1" SP		1-1/8" SP			
						cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP
14-A-SR-2	1/6	980	3.6	500	1931	800	.02	444	.02																		
			4.8	600	2317	960	.04	671	.04																		
			6.9	700	2703	1120	.06	877	.06	609	.06																
			7.3	800	3089	1281	.09	1056	.09	827	.09	580	.09														
			8.5	900	3475	1441	.12	1237	.13	1061	.13	846	.13	567	.11												
14-B-SR-2	1/4	1121	9.8	1000	3862	1601	.17	1421	.18	1258	.18	1061	.18	887	.17	594	.15										
			10.5	1121	4050	1681	.20	1511	.20	1348	.20	1188	.21	1000	.20	806	.20										
			11.1	1100	4248	1761	.23	1601	.23	1437	.23	1294	.24	1101	.23	946	.23	684	.21								
14-C-SR-2	1/3	1233	11.8	1233	4150	1841	.26	1690	.27	1526	.27	1398	.27	1214	.27	1066	.26	882	.26								
			12.6	1200	4634	1921	.29	1777	.30	1615	.30	1496	.31	1342	.31	1171	.30	1023	.30	769	.28						
14-D-SR-2	1/2	1412	14.0	1300	5020	2081	.37	1950	.38	1799	.39	1676	.39	1556	.39	1391	.39	1254	.38	1115	.38	922	.36				
			15.5	1400	5406	2241	.47	2121	.48	1984	.48	1854	.48	1754	.49	1629	.49	1467	.49	1346	.48	1219	.47	1053	.46		

Performance is shown for SR-2 Roof Ventilators without ducts. Performance tables are based on air at 0.075 lb. per cu. ft. (70°F) and 29.92" Hg. barometric pressure. Maximum RPM indicates the speed that will fully load the motor shown.

**PERFORMANCE TABLES No. 2**

**SHELDON Belt-Driven SR-2 UNITS**

**SIZE: 16 SR-2**

Unit Size	Motor HP	Max. RPM	Sones @ 0" SP	Fan RPM	Tip Speed fpm	Free Delivery		1/8" SP		1/4" SP		3/8" SP		1/2" SP		5/8" SP		3/4" SP		7/8" SP		1" SP		1-1/8" SP				
						cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm
16-A-SR-2	1/6	803	4.7	500	2176	1146	.04	737	.04																			
			5.4	550	2394	1261	.05	909	.05																			
			6.2	600	2611	1375	.07	1057	.07	694	.07																	
			6.9	650	2829	1490	.08	1189	.09	871	.09																	
			7.6	700	3047	1604	.11	1316	.11	1018	.11	682	.10															
			8.4	750	3264	1719	.13	1443	.13	1195	.14	909	.13															
			9.1	800	3482	1834	.16	1575	.16	1352	.17	1079	.16	731	.15													
16-B-SR-2	1/4	918	9.8	850	3700	1948	.19	1708	.20	1499	.20	1225	.20	987	.19													
			10.7	900	3917	2063	.23	1838	.23	1632	.23	1394	.24	1171	.23	856	.21											
16-C-SR-2	1/3	1010	11.4	950	4135	2177	.26	1968	.27	1759	.28	1566	.28	1324	.27	1102	.27											
			12.3	1000	4352	2292	.31	2096	.32	1887	.32	1716	.32	1474	.32	1289	.31	1020	.30									
16-D-SR-2	1/2	1157	13.2	1050	4570	2407	.36	2221	.37	2014	.37	1862	.37	1650	.37	1446	.37	1244	.36	895	.32							
			14.0	1100	4788	2521	.41	2345	.42	2143	.43	1992	.43	1817	.43	1589	.43	1427	.42	1201	.41							
			14.9	1150	5005	2636	.47	2469	.48	2277	.49	2120	.49	1967	.49	1756	.49	1583	.48	1404	.47	1152	.45					

**SIZE: 18 SR-2**

Unit Size	Motor HP	Max. RPM	Sones @ 0" SP	Fan RPM	Tip Speed fpm	Free Delivery		1/8" SP		1/4" SP		3/8" SP		1/2" SP		5/8" SP		3/4" SP		7/8" SP		1" SP		1-1/8" SP				
						cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm
18-A-SR-2	1/6	733	2.9	400	1911	1268	.03	717	.03																			
			3.5	450	2150	1426	.04	969	.04																			
			4.2	500	2389	1585	.05	1151	.05	625	.05																	
			4.8	550	2628	1743	.07	1314	.07	908	.07																	
			5.5	600	2867	1901	.09	1477	.09	1213	.09																	
			6.1	650	3106	2060	.11	1652	.11	1423	.12	981	.11															
18-B-SR-2	1/4	838	7.5	750	3583	2377	.17	2038	.16	1768	.17	1554	.18	1129	.17													
			8.1	800	3822	2535	.20	2223	.19	1930	.21	1758	.22	1433	.21	1047	.20											
18-C-SR-2	1/3	922	8.9	850	4061	2694	.24	2406	.23	2094	.25	1938	.26	1722	.26	1324	.25											
			9.6	900	4300	2852	.29	2586	.28	2267	.29	2105	.30	1938	.31	1650	.30	1282	.29									
18-D-SR-2	1/2	1056	10.4	950	4539	3011	.34	2764	.32	2449	.33	2267	.35	2127	.36	1924	.36	1557	.34	1260	.33							
			11.2	1000	4778	3169	.40	2938	.38	2652	.39	2431	.40	2302	.42	2142	.42	1899	.42	1536	.40	1250	.38					
			12.0	1050	5017	3327	.46	3107	.44	2842	.44	2594	.46	2466	.48	2335	.49	2152	.49	1835	.47	1539	.46	1238	.43			
18-E-SR-2	3/4	1209	12.9	1100	5256	3486	.53	3275	.51	3028	.51	2768	.53	2627	.54	2511	.56	2365	.56	2158	.56	1816	.53	1557	.53			
			13.7	1150	5495	3644	.60	3442	.58	3212	.58	2949	.59	2791	.61	2679	.63	2557	.64	2394	.64	2166	.63	1828	.61			
			14.6	1200	5733	3803	.68	3608	.66	3395	.65	3148	.67	2954	.69	2841	.71	2773	.72	2600	.73	2426	.73	2150	.71			

**SIZE: 22 SR-2**

Unit Size	Motor HP	Max. RPM	Sones @ 0" SP	Fan RPM	Tip Speed fpm	Free Delivery		1/8" SP		1/4" SP		3/8" SP		1/2" SP		5/8" SP		3/4" SP		7/8" SP		1" SP		1-1/8" SP			
						cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP
22-A-SR-2	1/6	526	2.8	300	1748	1723	.03	764	.03																		
			3.7	350	2039	2010	.05	1292	.05																		
			4.5	400	2330	2297	.07	1647	.07																		
			5.4	450	2621	2584	.10	1946	.10	1338	.10																
			6.3	500	2913	2871	.13	2242	.13	1868	.14	1105	.13														
22-B-SR-2	1/4	602	7.1	550	3204	3159	.18	2567	.17	2229	.19	1626	.18														
			8.0	600	3495	3446	.23	2926	.22	2539	.24	2183	.25	1528	.23												
22-C-SR-2	1/3	663	9.0	650	3786	3733	.29	3263	.28	2832	.30	2570	.31	2049	.30	1486	.28										
22-D-SR-2	1/2	759	10.0	700	4078	4020	.37	3595	.35	3129	.37	2898	.39	2585	.39	1996	.37	1431	.34								
			11.0	750	4369	4307	.45	3920	.43	3447	.45	3199	.47	2964	.48	2589	.47	2022	.45								
22-E-SR-2	3/4	869	12.1	800	4660	4594	.55	4241	.52	3794	.53	3492	.56	3294	.58	3029	.58	2558	.56	2084	.55						
			13.2	850	4951	4881	.65	4549	.63	4148	.63	3789	.66	3599	.68	3394	.70	3101	.70	2589	.67	2175	.65				
22-G-SR-2	1	956	14.4	900	5243	5169	.78	4854	.75	4486	.75	4099	.78	3892	.80	3718	.82	3499	.83	3188	.82	2675	.79	2292	.77		
			15.5	950	5534	5456	.91	5156	.88	4820	.87	4428	.90	4189	.93	4022	.95	3845	.97	3611	.98	3288	.96	2788	.93		

Performance is shown for SR-2 Roof Ventilators without ducts. Performance tables are based on air at 0.075 lb. per cu. ft. (70°F) and 29.92" Hg. barometric pressure. Maximum RPM indicates the speed that will fully load the motor shown.



**PERFORMANCE TABLES No. 2**

**SHELDON Belt-Driven SR-2 UNITS**

**SIZE: 24 SR-2**

Unit Size	Motor HP	Max. RPM	Sones @ 0" SP	Fan RPM	Tip Speed fpm	Free Delivery		1/8" SP		1/4" SP		3/8" SP		1/2" SP		5/8" SP		3/4" SP		7/8" SP		1" SP		1-1/8" SP				
						cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm
24-A-SR-2	1/6	448	4.1	325	2083	2492	.10	1861	.10																			
			4.5	350	2245	2683	.11	2007	.11																			
			5.0	375	2408	2879	.12	2147	.12	1409	.13																	
			5.5	400	2566	3067	.12	2292	.12	1504	.13																	
			6.0	425	2726	3259	.13	2489	.13	1901	.14																	
24-B-SR-2	1/4	513	6.5	450	2886	3450	.16	2686	.16	2222	.17	1253	.15															
			7.0	475	3047	3642	.19	2897	.18	2479	.20	1646	.18															
			7.5	500	3207	3834	.22	3117	.21	2707	.23	1979	.22															
24-C-SR-2	1/3	565	8.0	525	3367	4025	.25	3363	.24	2919	.26	2397	.26	1561	.24													
			8.6	550	3528	4217	.29	3594	.28	3118	.30	2708	.31	1921	.29													
24-D-SR-2	1/2	646	9.2	575	3688	4409	.33	3819	.32	3314	.34	2971	.35	2251	.33													
			9.7	600	3848	4600	.37	4043	.36	3511	.38	2307	.40	2667	.39	1946	.37											
			10.3	625	4009	4792	.42	4264	.40	3709	.43	3423	.45	3007	.45	2280	.42											
24-E-SR-2	3/4	740	10.9	650	4169	4984	.47	4483	.45	3906	.48	3633	.50	3287	.51	2619	.48	2025	.46									
			11.6	675	4330	5175	.53	4700	.51	4125	.53	3830	.55	3536	.57	3057	.56	2371	.53									
			12.2	700	4490	5367	.59	4915	.57	4345	.58	4026	.61	3768	.63	3377	.63	2698	.60	2155	.57							
			12.8	725	4650	5559	.66	5129	.63	4585	.64	4222	.67	3981	.70	3656	.70	3076	.68	2506	.66							
24-G-SR-2	1	814	13.4	750	4811	5750	.73	5336	.70	4830	.71	4421	.74	4190	.76	3909	.78	3490	.77	2835	.73	2329	.71					
			14.1	775	4971	5942	.80	5540	.77	5058	.78	4618	.81	4388	.84	4144	.84	3796	.86	3188	.82	2679	.80					
			14.7	800	5131	6134	.82	5744	.85	5283	.85	4816	.89	4584	.91	4361	.94	4067	.95	3635	.93	3008	.89	2539	.86			

**SIZE: 30 SR-2**

Unit Size	Motor HP	Max. RPM	Sones @ 0" SP	Fan RPM	Tip Speed fpm	Free Delivery		1/8" SP		1/4" SP		3/8" SP		1/2" SP		5/8" SP		3/4" SP		7/8" SP		1" SP		1-1/8" SP				
						cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm
30-B-SR-2	1/4	379	4.1	300	2356	3960	.12	2908	.12																			
			4.7	325	2553	4290	.15	3341	.16	1927	.16																	
			5.3	350	2749	4620	.19	3754	.19	2637	.20																	
			5.8	375	2945	4950	.23	4152	.24	3182	.24	2250	.17															
30-C-SR-2	1/3	416	6.4	400	3142	5280	.28	4541	.29	3668	.29	2425	.29															
30-D-SR-2	1/2	477	7.0	425	3338	5610	.34	4924	.35	4125	.35	3138	.35															
			7.6	450	3534	5940	.40	5297	.41	4563	.41	3705	.42	2322	.37													
			8.2	475	3731	6270	.47	5663	.48	4981	.49	4205	.49	3209	.49													
30-E-SR-2	3/4	546	8.8	500	3927	6600	.55	6025	.56	5390	.57	4679	.57	3843	.57	2467	.49											
			9.4	525	4123	6930	.64	6384	.65	5788	.66	5133	.65	4393	.66	3408	.67											
30-G-SR-2	1	600	10.1	550	4320	7260	.73	6741	.75	6179	.76	5570	.75	4885	.75	4085	.76	2798	.68									
			10.8	575	4516	7590	.84	7096	.85	6566	.86	5988	.86	5360	.86	4652	.87	3730	.88	2041	.62							
			11.5	600	4712	7920	.95	7448	.97	6948	.98	6400	.98	5815	.98	5170	.98	4410	.99	3264	.93							
30-J-SR-2	1 1/2	687	12.2	625	4909	8250	1.01	7799	1.09	7323	1.11	6804	1.11	6260	1.11	5657	1.10	4988	1.12	4153	1.13	2773	.88					
			12.9	650	5105	8580	1.21	8147	1.23	7691	1.24	7199	1.25	6682	1.25	6123	1.24	5520	1.25	4814	1.26	3853	1.24	2194	.88			
			13.6	675	5301	8910	1.35	8493	1.38	8056	1.39	7590	1.40	7097	1.40	6577	1.39	6010	1.39	5386	1.41	4625	1.42	3484	1.26			
30-K-SR-2	2	756	14.3	700	5498	9240	1.51	8838	1.53	8418	1.55	7976	1.55	7507	1.56	7020	1.55	6487	1.55	5921	1.56	5274	1.57	4434	1.57			
			15.0	725	5694	9570	1.68	9182	1.70	8779	1.72	8359	1.73	7910	1.73	7442	1.73	6944	1.72	6413	1.73	5834	1.74	5144	1.76			
			15.7	750	5890	9900	1.86	9525	1.88	9137	1.90	8739	1.92	8304	1.92	7858	1.91	7394	1.91	6894	1.91	6363	1.92	5764	1.93			

Performance is shown for SR-2 Roof Ventilators without ducts. Performance tables are based on air at 0.075 lb. per cu. ft. (70°F) and 29.92" Hg. barometric pressure. Maximum RPM indicates the speed that will fully load the motor shown.

PERFORMANCE TABLES No. 2

SHELDON Belt-Driven SR-2 UNITS

SIZE: 36 SR-2

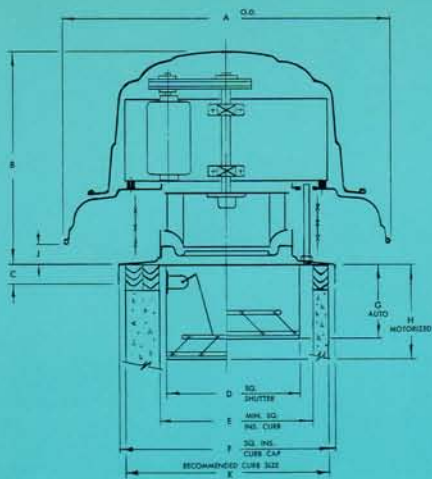
Unit Size	Motor HP	Max. RPM	Sones @ 0" SP	Fan RPM	Tip Speed fpm	Free Delivery		1/8" SP		1/4" SP		3/8" SP		1/2" SP		5/8" SP		3/4" SP		7/8" SP		1" SP		1-1/8" SP				
						cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm
36-C-SR-2	1/3	300	3.3	200	1912	4751	.17	3532	.18																			
			4.0	225	2149	5349	.17	3975	.18																			
			4.8	250	2389	5943	.18	4415	.19	1132	.12																	
			5.5	275	2628	6538	.24	5182	.25	3308	.26																	
			6.3	300	2867	7132	.31	5913	.33	4399	.33																	
36-D-SR-2	1/2	344	7.1	325	3106	7726	.40	6618	.42	5300	.41	3341	.41															
36-E-SR-2	3/4	393	7.8	350	3344	8321	.50	7308	.52	6128	.52	4677	.53															
			8.7	375	3583	8915	.62	7977	.64	6911	.64	5679	.64	3835	.62													
36-G-SR-2	1	433	9.5	400	3822	9509	.75	8633	.77	7657	.77	6559	.77	5206	.79	2616	.56											
			10.3	425	4061	10104	.90	9283	.92	8383	.93	7387	.93	6251	.93	4667	.93											
36-J-SR-2	1 1/2	496	11.3	450	4300	10698	1.07	9926	1.09	9090	1.10	8182	1.10	7160	1.10	5951	1.12	3986	.96									
			12.2	475	4539	11292	1.26	10565	1.28	9785	1.30	8936	1.30	8013	1.29	6982	1.30	5658	1.32	3281	.96							
36-K-SR-2	2	546	13.1	500	4778	11887	1.47	11199	1.50	10472	1.51	9675	1.51	8829	1.51	7895	1.51	6832	1.53	5351	1.51	2263	.93					
			14.0	525	5017	12481	1.70	11829	1.73	11140	1.75	10395	1.75	9612	1.75	8758	1.74	7833	1.76	6691	1.78	5002	1.62					
36-N-SR-2	3	624	15.0	550	5256	13075	1.95	12453	1.98	11799	2.01	11101	2.02	10363	2.01	9580	2.01	8729	2.01	7781	2.03	6616	2.05	4791	1.72			
			15.9	575	5495	13670	2.23	13074	2.26	12452	2.29	11798	2.30	11103	2.30	10381	2.30	9590	2.29	8753	2.31	7793	2.33	6544	2.33			
			16.8	600	5733	14264	2.53	13694	2.57	13101	2.60	12487	2.62	11826	2.62	11140	2.61	10413	2.61	9636	2.61	8799	2.63	7809	2.65			

SIZE: 40 SR-2

Unit Size	Motor HP	Max. RPM	Sones @ 0" SP	Fan RPM	Tip Speed fpm	Free Delivery		1/8" SP		1/4" SP		3/8" SP		1/2" SP		5/8" SP		3/4" SP		7/8" SP		1" SP		1-1/8" SP			
						cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP	cfm	BHP
40-D-SR-2	1/2	292	4.2	200	2107	6376	.15	4162	.16																		
			5.0	225	2371	7173	.22	5294	.22																		
			5.9	250	2634	7970	.30	6326	.31	4063	.31																
			6.8	275	2898	8767	.40	7306	.41	5506	.41																
40-E-SR-2	3/4	334	7.7	300	3161	9564	.52	8244	.53	6687	.53	4513	.54														
			8.6	325	3425	10361	.66	9164	.68	7781	.68	6113	.68	2927	.50												
40-F-SR-2	1	368	9.5	350	3688	11158	.82	10051	.84	8804	.85	7380	.85	5488	.86												
40-J-SR-2	1 1/2	421	10.5	375	3952	11955	1.01	10927	1.03	9794	1.04	8526	1.04	7043	1.05	4675	.94										
			11.6	400	4215	12752	1.22	11793	1.25	10749	1.26	9614	1.26	8325	1.26	6726	1.28	3868	.96								
40-K-SR-2	2	464	12.6	425	4478	13549	1.47	12651	1.50	11686	1.52	10636	1.51	9489	1.51	8184	1.53	6440	1.53								
			13.7	450	4742	14346	1.74	13503	1.78	12609	1.80	11631	1.80	10589	1.79	9439	1.80	8114	1.82								
40-N-SR-2	3	531	14.8	475	5005	15143	2.05	14348	2.09	13508	2.11	12599	2.12	11644	2.11	10602	2.11	9468	2.12	5977	1.93						
			15.8	500	5269	15940	2.39	15185	2.43	14392	2.46	13546	2.47	12652	2.47	11703	2.46	10673	2.46	8126	2.51						
			16.9	525	5532	16737	2.77	16018	2.81	15267	2.84	14479	2.86	13642	2.86	12770	2.85	11821	2.84	9671	2.89	6062	2.42				
40-P-SR-2	5	629	17.9	550	5796	17534	3.18	16847	3.23	16136	3.26	15401	3.29	14606	3.29	13784	3.28	12919	3.27	11013	3.30	8416	3.32				
			18.9	575	6059	18331	3.63	17674	3.68	16998	3.72	16304	3.75	15553	3.76	14780	3.75	13985	3.74	12214	3.75	10102	3.80	6629	3.17		
			20.1	600	6322	19127	4.13	18499	4.18	17856	4.22	17190	4.25	16488	4.27	15759	4.27	14999	4.26	13373	4.24	11518	4.29	9026	4.30		
			21.2	625	6586	19924	4.67	19321	4.72	18708	4.76	18069	4.80	17413	4.82	16713	4.82	15998	4.82	14478	4.80	12806	4.83	10758	4.89		

Performance is shown for SR-2 Roof Ventilators without ducts. Performance tables are based on air at 0.075 lb. per cu. ft. (70°F) and 29.92" Hg. barometric pressure. Maximum RPM indicates the speed that will fully load the motor shown.

## DIMENSIONS BELT DRIVEN SR-2 VENTILATORS



Unit Size	A	B	C	D A.S. or M.S. Type	E	F	G	H	J	K	Wt. Lbs. *
11	35	25½	2	15	19¼	23½	8	15	1¾	22½	41
12	35	26	2	15	19¼	23½	8	15	1¾	22½	41
14	36½	26¾	2	18	22¼	26½	8	15	2	25½	46
16	36½	27½	2	18	22¼	26½	8	15	2¾	25½	47
18	41¾	29½	2½	18¾	20¼	28½	8	15	3	27½	70
22	47½	31½	2½	22½	23¾	32	8	15	3½	31	92
24	50	34¾	2½	24½	25¾	34	8	15	3¾	33	108
30	60	39½	3	30	32¾	41	8	15	2¾	40	176
36	73½	43¾	3	35	41¼	49½	8	15	3¾	48½	257
40	73½	45¾	3	40	41¼	49½	10	15	5	48½	284

## SHELDONS TYPE SRH VENTILATION HOOD

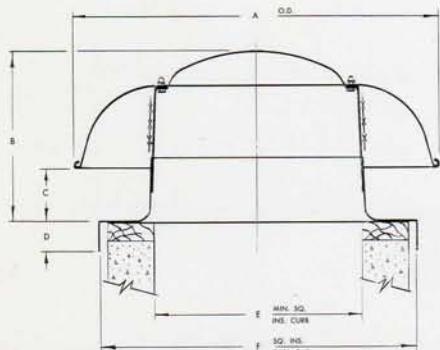


The Sheldon Type SRH Ventilation Hood is a completely weather-proof spun aluminum hood designed specifically, with its low profile, to blend architecturally with the Sheldon SR-2 Roof Ventilator. Used as a fresh-air intake or as a relief vent, the SRH ventilator completes the range of low silhouette roof ventilation units to meet all requirements. Bird screens can be supplied as an optional extra.

### DIMENSIONS SRH HOODS

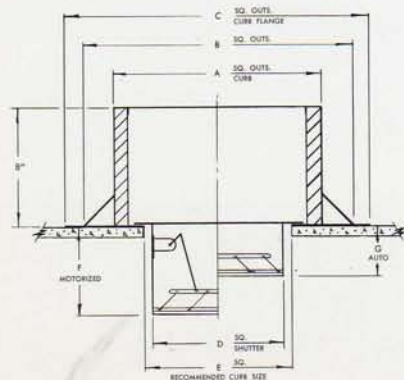
Unit Size	A	B	C	D	E	F	Wt. Lbs.
14	25¼	11⅞	3¾	2½	16¼	24½	7
17	30⅝	14½	4½	2½	19¾	28	9
20	35¾	17	5⅝	2½	19¾	28	10
26	46½	22	7	3	27¾	36	15
34	60	25⅝	7¾	3	33½	41	65
42	73½	30¼	8	3	42	49½	97

### PERFORMANCE OF SRH VENTILATION HOOD



Size	400 fpm	500 fpm	600 fpm	700 fpm	800 fpm	fpm 900	fpm 1000
	CAPACITY — cfm						
	.04" SP	.06" SP	.08" SP	.11" SP	.14" SP	.18" SP	.22" SP
14	459	573	688	802	916	1030	1145
17	669	836	1000	1170	1330	1500	1665
20	895	1120	1340	1570	1790	2010	2240
26	1470	1840	2200	2580	2940	3300	3660
34	2585	3230	3880	4525	5170	5810	6460
42	5110	6400	7675	8960	10220	11500	12780

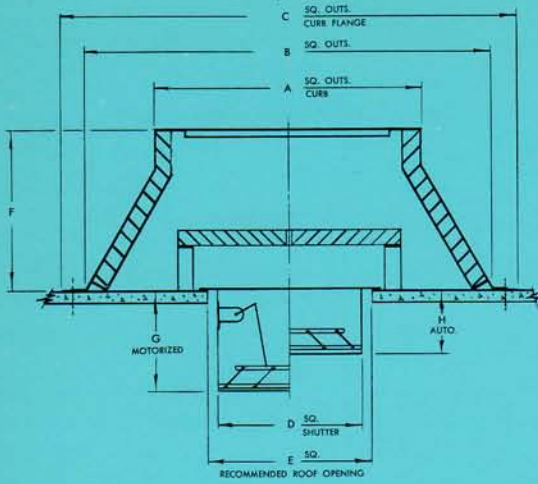
### DIMENSIONS PRE-FAB CURB



Unit Size	7 8	9 10	11 12	14 16	18	22	24	30	36	40
A	15¼	16¼	22½	25½	27½	31	33	40	48½	48½
B	19¼	20¼	26½	29½	31½	35	37	44	52½	52½
C	22¼	23¼	29½	32½	34½	38	40	47	55½	55½
D	8	9	15	18	18¾	22½	24½	30	35	42
E	10	11	17	19¼	20½	24½	26½	32	37	42
F	15	15	15	15	15	15	15	15	15	15
G	8	8	8	8	8	8	8	8	8	10
Wt. Lbs.*	21	22	30	34	36	40	43	51	67	67

\* Weight does not include shutter.

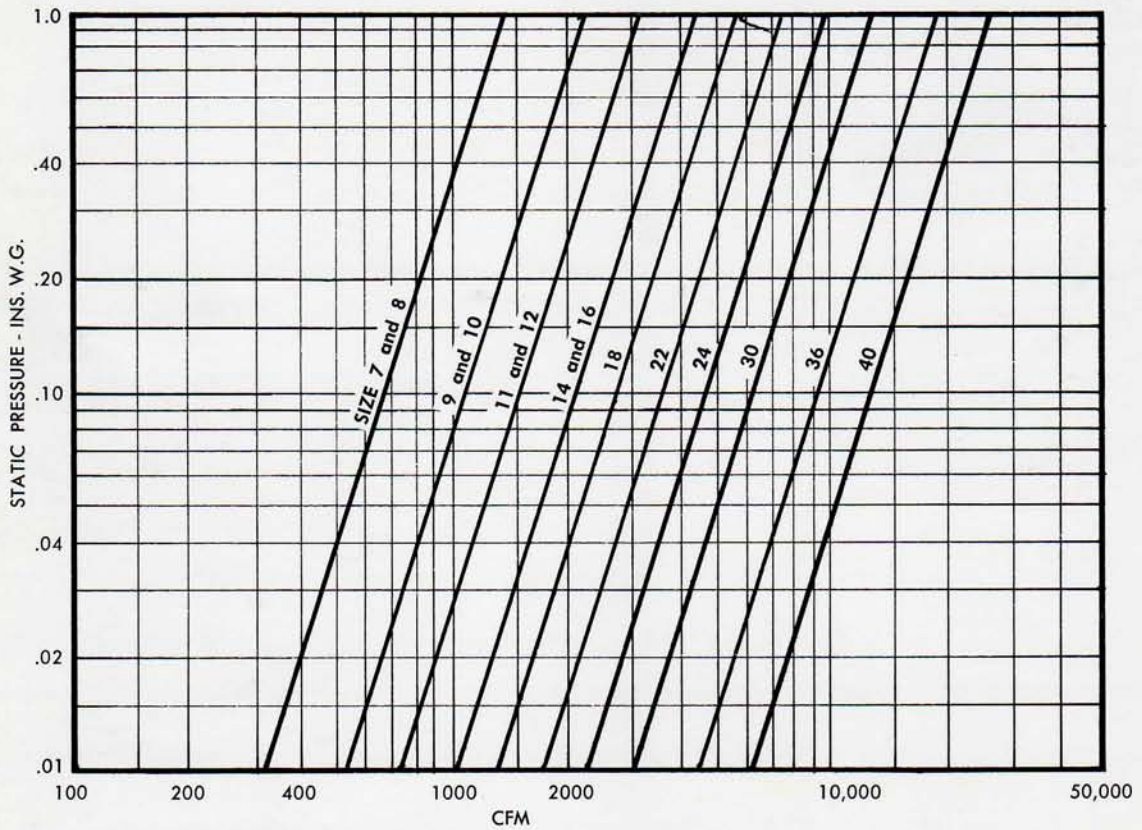
## DIMENSIONS SUPER-SONELIM CURB



Unit Size	7 8	9 10	11 12	14 16	18	22	24	30	36	40
A	15¼	16¼	22½	25½	27½	31	33	40	48½	48½
B	23¾	28½	37	43½	44½	51¾	56¼	68½	76	84¼
C	26¾	31½	40	46½	47½	54¾	59¼	71½	79	87¼
D	8	9	15	18	18¾	22½	24½	30	35	40
E	10	11	17	19¼	20½	24½	26½	32	37	42
F	9	10	13	14	15	15	16	18	23	22
G	15	15	15	15	15	15	15	15	15	15
H	8	8	8	8	8	8	8	8	8	10
Wt. Lbs. *	29	42	64	79	88	111	129	180	236	262

\* Weight does not include shutter.

## AIR FRICTION FOR SUPER-SONELIM CURBS



Certified Drawings of the above units can be supplied on request.