

Centrifugal Inline Fans Models SQ-M and BSQ-M

Direct and Belt Drive Performance Supplement



BUILDING VALUE IN AIR.

 **GREENHECK**
Building Value in Air.

July
2019

Model Comparison																						
Model	Location		Mounting					Airflow				Application				Drive Type		Impeller Type			Performance	
	Outdoor	Indoor	Roof Curb	Base/Floor	Hanging	Wall	Ceiling Mounted	Exhaust	Supply	Reversible	Recirculate	General/Clean Air	Contaminated Air	Spark Resistant	High Temp (above 121°C)	Belt	Direct	Centrifugal	Propeller/Axial	Mixed Flow	Maximum Volume (cmh)	Maximum Static Pressure (Pa)
SQ-M		X		X	X			X	X		X	X	X			X	X				8,537	435
BSQ-M	X	X		X	X			X	X		X	X	X		X		X				45,194	955

Greenheck's model SQ-M and BSQ-M centrifugal inline fans feature a unique combination of installation flexibility, rugged construction, ease of service, high efficiency and low sound levels. These compact inline fans are the ideal selection for indoor and outdoor clean air applications, including intake, exhaust, return or make-up air systems, where space is a prime consideration. The need for costly square-to-round transition pieces are eliminated, reducing installation costs. The square housing design, compact size, and straight-thru airflow also give the system designer the flexibility to mount SQ-M and BSQ-M fans in any configuration - horizontal, vertical, or at any angle.

Direct Drive Fan, SQ-M

- 8 sizes, 70-160
- Efficient air movement
- Low sound levels
- Maximum operating temperature of 54°C (130°F)



Belt Drive Fan, BSQ-M

- 22 sizes, 70-420, including High Pressure (HP)
- Ideal for clean air applications where space is limited
- Low sound levels
- Maximum operating temperature of 82°C (180°F)



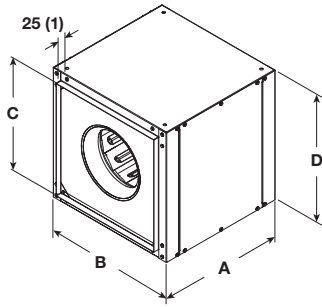
CERTIFICATIONS AND TESTING

- AMCA Sound and Air certified for models SQ-M and BSQ-M
- Performance as cataloged is assured. All fan sizes are tested in our AMCA Accredited Laboratory, and all models are licensed to bear the AMCA sound and air performance seals.
- Greenheck subjects these products to extensive life testing, assuring you that the fans will provide many years of reliable performance.

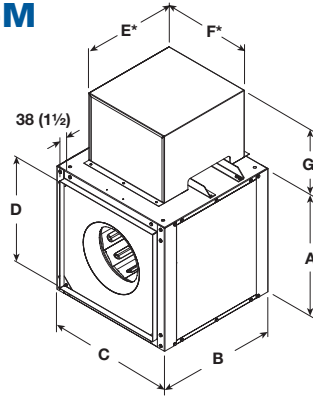


Greenheck India Private Limited certifies that the SQ-M and BSQ-M models shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program. The certified ratings for models SQ-M and BSQ-M are shown on pages 5 to 34.

SQ-M



BSQ-M



Model SQ-M

Size	A	B	C	D	Outlet Velocity	Unit Weight*	Housing Material	Damper Size
70	305 (12)	330 (13)	305 (12)	225 (8 ⁷ / ₈)	1.828 x CFM	12 (26)	20 ga	229 x 229 (9 x 9)
80, 90	381 (15)	406 (16)	381 (15)	302 (11 ⁷ / ₈)	1.021 x CFM	19 (41)	20 ga	305 x 305 (12 x 12)
100	432 (17)	533 (21)	432 (17)	352 (13 ⁷ / ₈)	0.748 x CFM	25 (56)	20 ga	356 x 356 (14 x 14)
120	483 (19)	533 (21)	483 (19)	403 (15 ⁷ / ₈)	0.571 x CFM	30 (67)	20 ga	406 x 406 (16 x 16)
130	533 (21)	533 (21)	533 (21)	454 (17 ⁷ / ₈)	0.451 x CFM	30 (67)	20 ga	457 x 457 (18 x 18)
140	584 (23)	559 (22)	584 (23)	505 (19 ⁷ / ₈)	0.364 x CFM	47 (104)	18 ga	508 x 508 (20 x 20)
160	660 (26)	660 (26)	660 (26)	581 (22 ⁷ / ₈)	0.275 X CFM	73 (160)	18 ga	584 x 584 (23 x 23)

All dimensions are in millimeters (inches) and weight is shown in kilograms (pounds).

*Weight shown is largest cataloged open drip proof motor.

Model BSQ-M

Size	A	B	C	D	E*	F*	G*	Outlet Velocity	Unit Weight**	Housing Material	Damper Size
70, 80, 90	435 (17 ¹ / ₈)	533 (21)	435 (17 ¹ / ₈)	302 (11 ⁷ / ₈)	451 (17 ³ / ₄)	330 (13)	337 (13 ³ / ₄)	1.0212 x CFM	48 (106)	20 ga	305 x 305 (12 x 12)
100	435 (17 ¹ / ₈)	533 (21)	435 (17 ¹ / ₈)	352 (13 ⁷ / ₈)	451 (17 ³ / ₄)	330 (13)	337 (13 ³ / ₄)	0.7617 x CFM	49 (107)	20 ga	356 x 356 (14 x 14)
120	486 (19 ¹ / ₈)	533 (21)	486 (19 ¹ / ₈)	403 (15 ⁷ / ₈)	508 (20)	432 (17)	337 (13 ³ / ₄)	0.5805 x CFM	56 (124)	20 ga	406 x 406 (16 x 16)
130, 130HP	537 (21 ¹ / ₈)	533 (21)	537 (21 ¹ / ₈)	454 (17 ⁷ / ₈)	508 (20)	432 (17)	337 (13 ³ / ₄)	0.4571 x CFM	59 (131)	20 ga	457 x 457 (18 x 18)
140, 140HP	587 (23 ¹ / ₈)	559 (22)	587 (23 ¹ / ₈)	505 (19 ⁷ / ₈)	508 (20)	432 (17)	337 (13 ³ / ₄)	0.3692 x CFM	66 (146)	20 ga	508 x 508 (20 x 20)
160, 160HP	664 (26 ¹ / ₈)	660 (26)	664 (26 ¹ / ₈)	581 (22 ⁷ / ₈)	508 (20)	432 (17)	337 (13 ³ / ₄)	0.2782 x CFM	85 (188)	18 ga	584 x 584 (23 x 23)
180, 180HP	689 (27 ¹ / ₈)	711 (28)	689 (27 ¹ / ₈)	606 (23 ⁷ / ₈)	508 (20)	432 (17)	337 (13 ³ / ₄)	0.2553 x CFM	88 (195)	18 ga	610 x 610 (24 x 24)
200, 200HP	791 (31 ¹ / ₈)	813 (32)	791 (31 ¹ / ₈)	708 (27 ⁷ / ₈)	762 (30)	508 (20)	406 (16)	0.1870 x CFM	111 (246)	18 ga	711 x 711 (28 x 28)
240, 240HP	968 (38 ¹ / ₈)	864 (34)	968 (38 ¹ / ₈)	886 (34 ⁷ / ₈)	762 (30)	508 (20)	406 (16)	0.1192 x CFM	159 (350)	18 ga	889 x 889 (35 x 35)
300, 300HP	1168 (46)	965 (38)	1168 (46)	1064 (41 ⁷ / ₈)	864 (34)	559 (22)	457 (18)	0.0826 x CFM	244 (537)	16 ga	1067 x 1067 (42 x 42)
360, 360HP	1321 (52)	1067 (42)	1321 (52)	1216 (47 ⁷ / ₈)	864 (34)	559 (22)	457 (18)	0.0632 x CFM	311 (686)	16 ga	1219 x 1219 (48 x 48)
420	1473 (58)	1270 (50)	1473 (58)	1368 (53 ⁷ / ₈)	864 (34)	559 (22)	457 (18)	0.0496 x CFM	358 (789)	16 ga	1372 x 1372 (54 x 54)

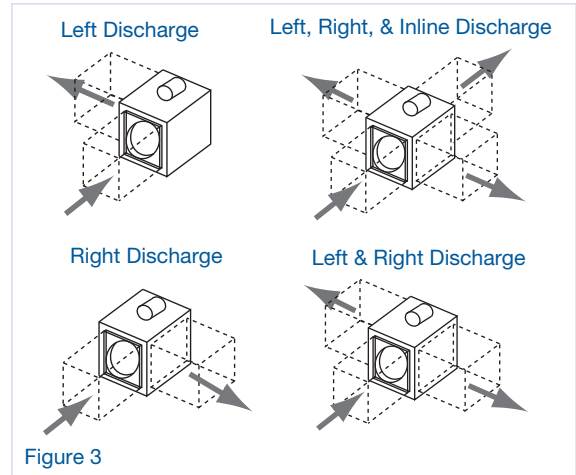
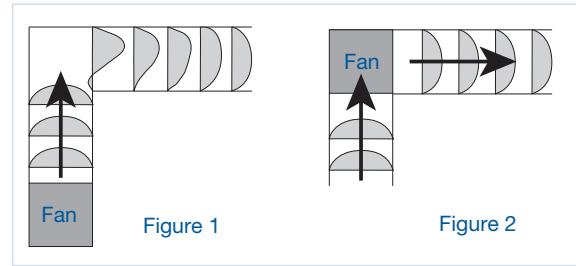
All dimensions are in millimeters (inches), and weight is shown in kilograms (pounds).

*Motor cover is optional. Dimensions may vary with motor size. **Weight shown is largest cataloged open drip proof motor.

Discharge Configuration

The side discharge option helps to reduce system effect. It will increase performance and reduce installation labor. The most notable is reducing system effects. Note the figure 1 example, it shows the air being discharged into the corner. It will take several duct lengths before the airflow becomes laminar or smooth again after making the turn. In figure 2, the fan is placed in the corner using a side discharge. In this configuration the air flow pattern at discharge is smooth and supports a more predictable system. Remember the duct length on the discharge side should be approximately two to three wheel diameters to achieve catalog performance.

Fan performance will change with different discharge positions. Catalog data is based on an inline discharge. Right side discharge will give you 108% of cataloged performance and left side will give you 109% of cataloged performance. Use Figure 3 to locate the orientation to fit your application. Figure 4 illustrates the proper side discharge definitions. Refer to the CAPS program or consult factory for performance modifications.



SQ-M Side Discharge Duct Openings

Unit Size	Width	Height
70	251	225
80, 90	327	302
100	352	352
120	403	403
130	454	454
140	505	505
160	581	581

All dimensions in millimeters.

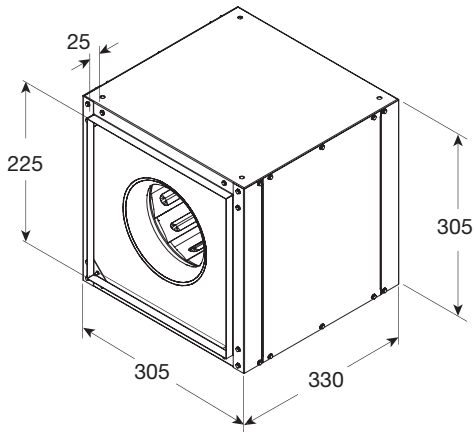
BSQ-M Side Discharge Duct Openings

Unit Size	Width	Height
70, 80, 90	302	302
100	352	352
120	403	403
130, 130HP	454	454
140, 140HP	505	505
160, 160HP	581	581
180, 180HP	606	606
200, 200HP	708	708
240, 240HP	733	886
300, 300HP	810	1064
360, 360HP	835	962
420	886	1114

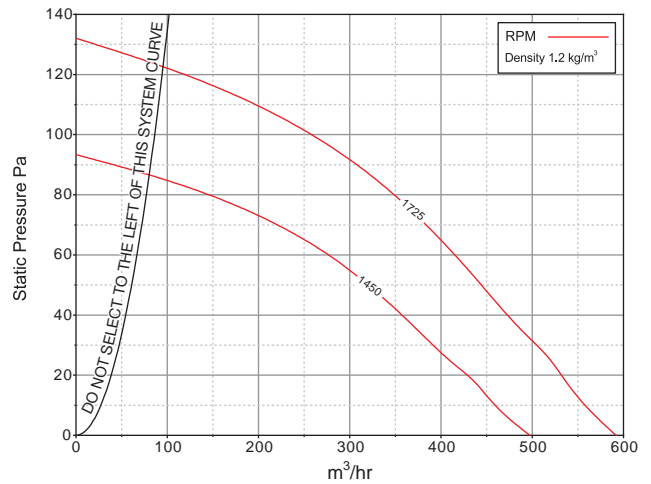
All dimensions in millimeters.

Figure 4

SQ M70 - Direct Drive



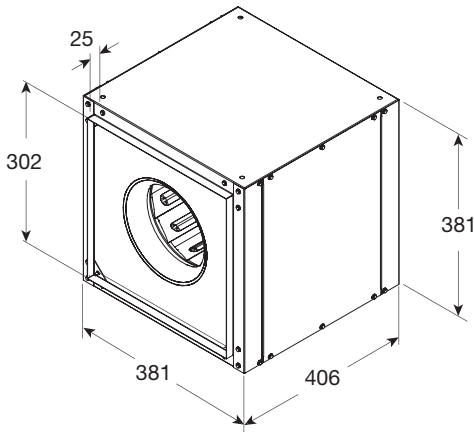
Damper size = 229 x 229 mm
 Unit weight** = 12 kg
 Housing thickness = 20 ga
 Dimensions shown in millimeters.
 **Weight shown is largest cataloged motor.



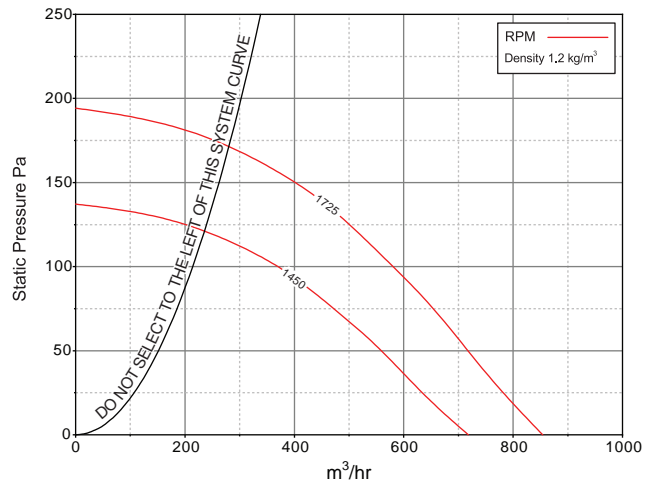
VARI GREEN	Model Number	Motor kW	Fan RPM	CMH / Static Pressure in Pa										
				0	10	20	30	40	50	60	80	90	100	
				CMH	kW	dBA/LwA	CMH	kW	dBA/LwA					
SQ-M70-J	0.12	1450	CMH	498	460	428	392	357	319	275	216	124		
			kW	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02		
			dBA/LwA	44/56	44/55	43/55	43/55	43/55	42/54	42/54	42/54			
	SQ-M70-A	0.12	1725	CMH	591	561	532	505	472	443	415	384	348	306
				kW	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.1
				dBA/LwA	49/60	49/60	48/60	48/60	48/60	48/60	48/60	48/60	48/60	48/60

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

SQ M80 - Direct Drive



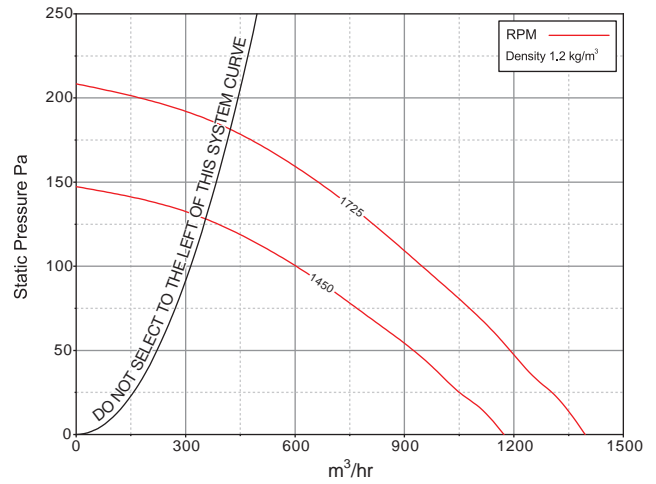
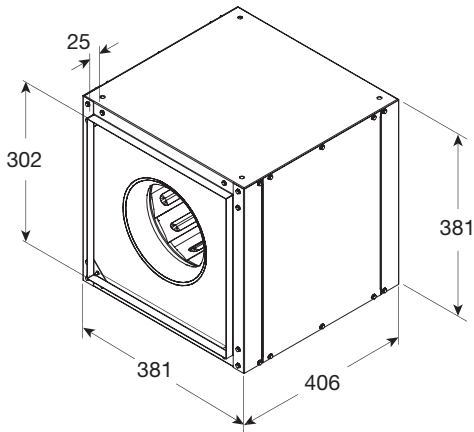
Damper size = 305 x 305 mm
 Unit weight** = 19 kg
 Housing thickness = 20 ga
 Dimensions shown in millimeters.
 **Weight shown is largest cataloged motor.



VARI GREEN	Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa											
					0	10	20	30	40	50	60	70	80	90	100	135
					CMH	kW	dBA/LwA	CMH	kW	dBA/LwA						
SQ-M80-J	0.12	1450	CMH	719	683	651	618	590	559	527	491	452	413	369		
			kW	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
			dBA/LwA	48/59	48/60	48/60	48/60	49/60	49/61	49/61	49/61	49/61	49/61	49/61	49/61	49/61
SQ-M80-A	0.12	1725	CMH	855	826	797	770	742	717	691	666	641	612	581	466	
			kW	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05				
			dBA/LwA	52/63	52/63	52/64	52/64	52/64	53/64	53/64	53/64	53/64	53/65	53/65	53/65	53/65

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

SQ M90 - Direct Drive

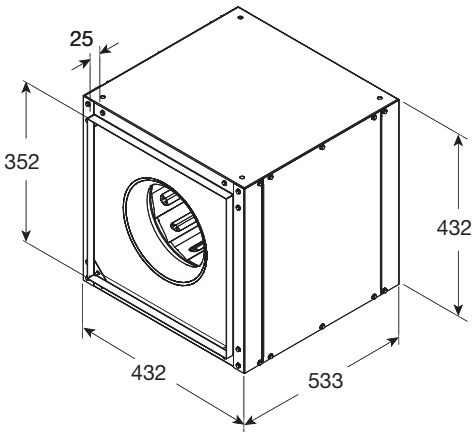


Damper size = 305 x 305 mm
 Unit weight** = 19 kg
 Housing thickness = 20 ga
 Dimensions shown in millimeters.
 **Weight shown is largest cataloged motor.

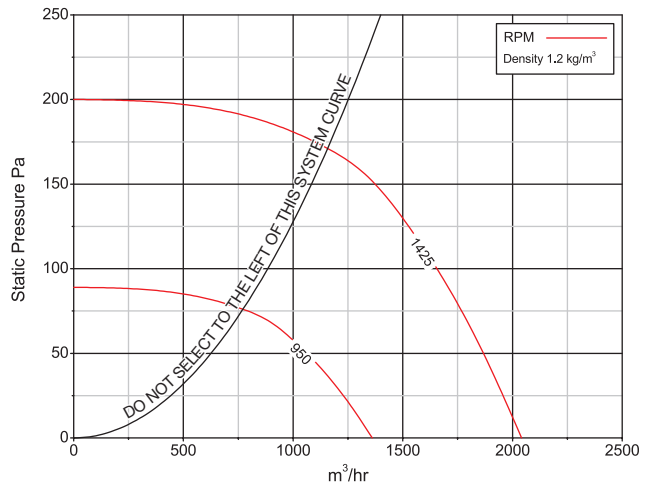
VARI GREEN	Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa											
					0	10	20	30	40	50	60	70	80	100	120	147
SQ-M90-J	0.12	1450	CMH	1172	1132	1082	1028	977	923	863	802	737	601	430		
			kW	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
			dBA/LwA	48/59	48/59	48/60	48/60	48/60	48/60	48/60	48/60	48/60	48/60	49/60	49/61	
SQ-M90-A	0.12	1725	CMH	1395	1361	1325	1278	1232	1191	1147	1101	1053	950	841	681	
			kW	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	
			dBA/LwA	52/64	52/64	52/64	52/64	52/64	52/64	52/64	52/64	52/64	53/64	53/64	53/65	53/65

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

SQ M100 - Direct Drive



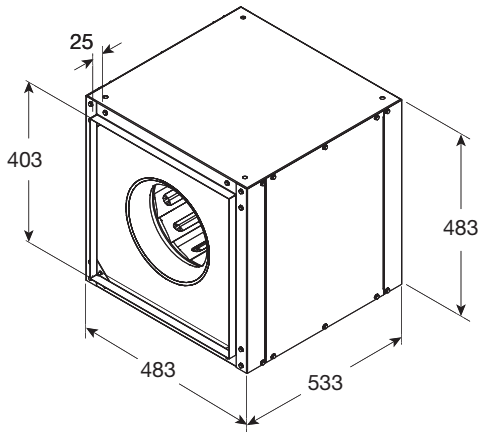
Damper size = 356 x 356 mm
 Unit weight** = 25 kg
 Housing thickness = 20 ga
 Dimensions shown in millimeters.
 **Weight shown is largest cataloged motor.



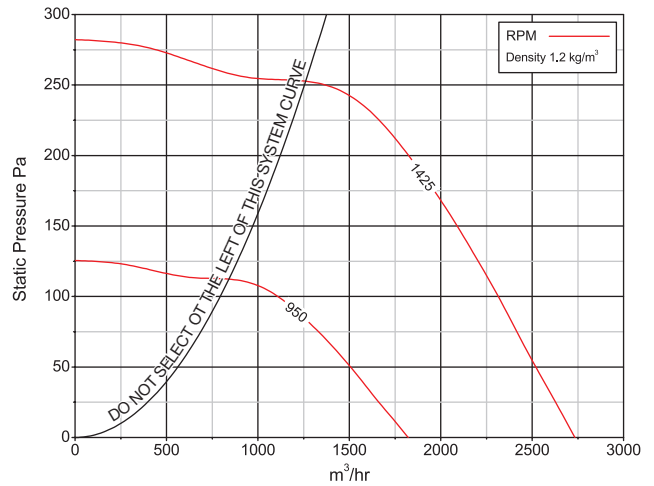
VARI GREEN	Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa									
					0	10	20	30	40	50	60	80	100	150
SQ-M100-K	0.12	950	CMH	1361	1310	1257	1200	1133	1060	977				
			kW	0.03	0.03	0.03	0.03	0.03	0.03	0.03				
			dBA/LwA	51/62	50/61	49/60	48/59	47/58	47/58	46/57				
SQ-M100-J	0.12	1425	CMH	2042	2007	1973	1939	1903	1866	1828	1745	1657	1373	
			kW	0.09	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
			dBA/LwA	60/71	60/71	60/71	59/70	59/70	58/69	58/69	58/69	57/68	56/67	

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

SQ M120 - Direct Drive



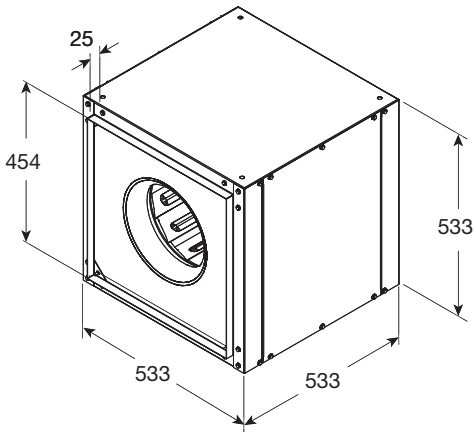
Damper size = 406 x 406 mm
 Unit weight** = 30 kg
 Housing thickness = 20 ga
 Dimensions shown in millimeters.
 **Weight shown is largest cataloged motor.



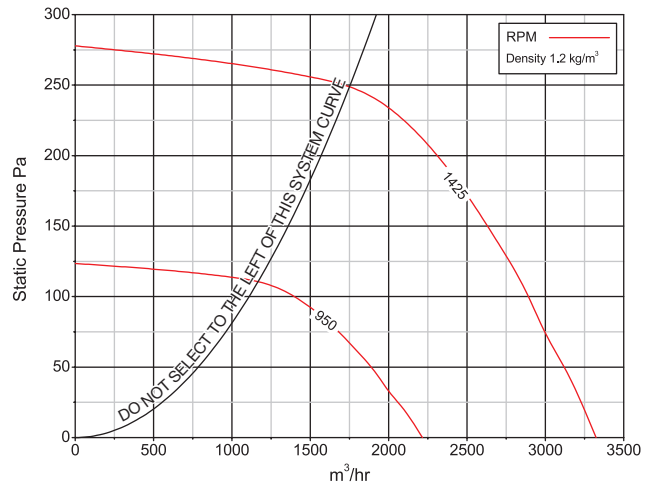
VARI GREEN	Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa										
					10	20	30	40	60	80	100	150	200	250	
					CMH	kW	dBA/LwA								
SQ-M120-K	0.12	950	CMH	1758	1696	1631	1570	1439	1291	1109					
			kW	0.05	0.05	0.05	0.06	0.06	0.06	0.06					
			dBA/LwA	50/61	50/61	50/61	50/61	48/59	47/58	46/57					
SQ-M120-J	0.25	1425	CMH	2691	2649	2606	2564	2477	2397	2316	2091	1826	1346		
			kW	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.20	0.20	0.19		
			dBA/LwA	61/72	61/72	61/72	61/72	60/71	60/71	60/71	59/70	58/69	57/68		

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

SQ M130 - Direct Drive



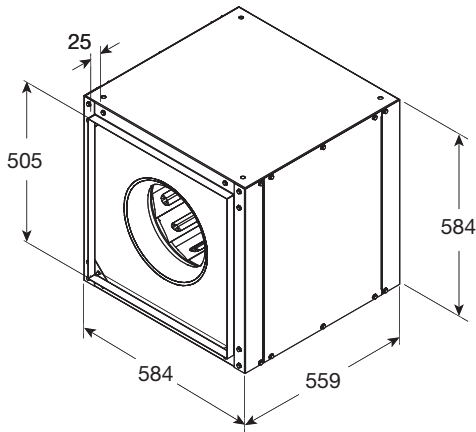
Damper size = 457 x 457 mm
 Unit weight** = 30 kg
 Housing thickness = 20 ga
 Dimensions shown in millimeters.
 **Weight shown is largest cataloged motor.



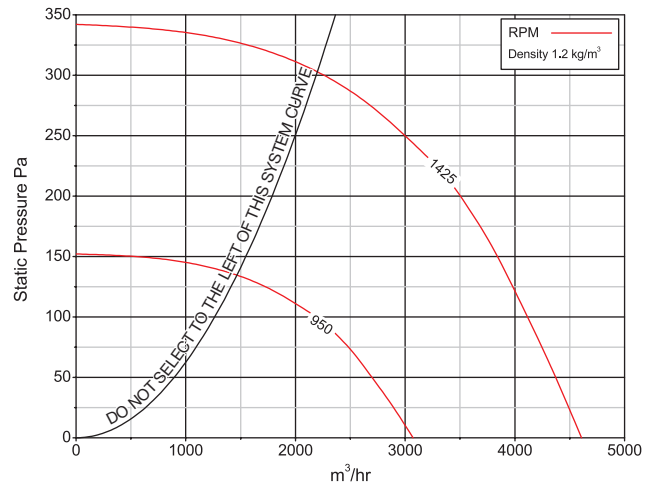
VARI GREEN	Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa									
					10	20	30	40	50	60	80	100	150	200
					CMH	kW	dBA/LwA	CMH	kW	dBA/LwA				
SQ-M130-K	0.12	950	CMH	2156	2097	2024	1956	1886	1809	1633	1381			
			kW	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.07			
			dBA/LwA	54/65	53/64	52/63	52/63	51/62	50/61	49/60	49/60			
SQ-M130-J	0.37	1425	CMH	3284	3243	3204	3164	3119	3070	2977	2893	2632	2314	
			kW	0.23	0.23	0.24	0.24	0.24	0.25	0.25	0.26	0.26	0.26	
			dBA/LwA	64/75	64/75	64/75	63/74	63/74	63/74	62/73	62/73	60/71	60/71	

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

SQ M140 - Direct Drive



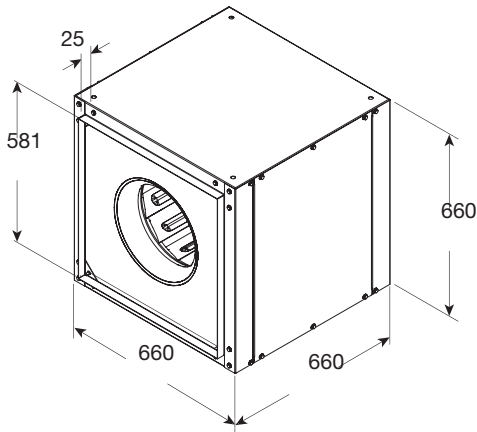
Damper size = 508 x 508 mm
 Unit weight** = 30 kg
 Housing thickness = 18 ga
 Dimensions shown in millimeters.
 **Weight shown is largest cataloged motor.



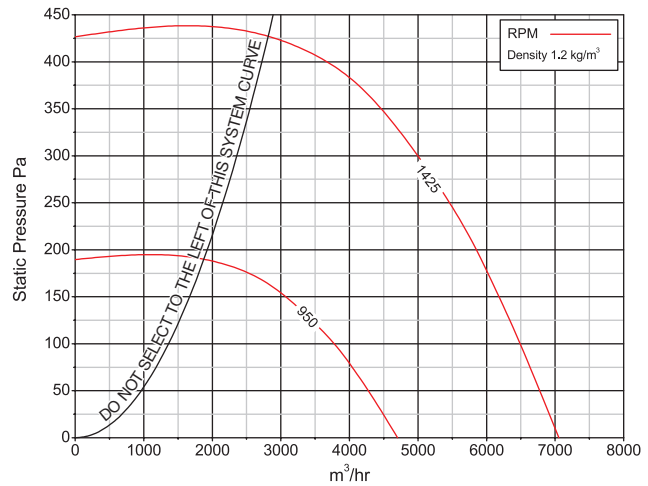
VARI GREEN	Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa										
					10	20	40	60	80	100	150	200	250	300	
					SQ-M140-K	0.25	950	CMH	3000	2931	2774	2615	2433	2188	
				kW	0.12	0.12	0.13	0.13	0.13	0.13					
				dBA/LwA	56/67	56/67	55/66	55/66	55/66	55/66					
	SQ-M140-J	0.55	1425	CMH	4562	4514	4417	4322	4219	4113	3841	3503	3000	2255	
				kW	0.4	0.4	0.4	0.41	0.42	0.43	0.43	0.43	0.43	0.39	
				dBA/LwA	67/78	67/78	67/78	66/77	66/77	66/77	65/76	65/76	64/75	63/74	

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

SQ M160 - Direct Drive



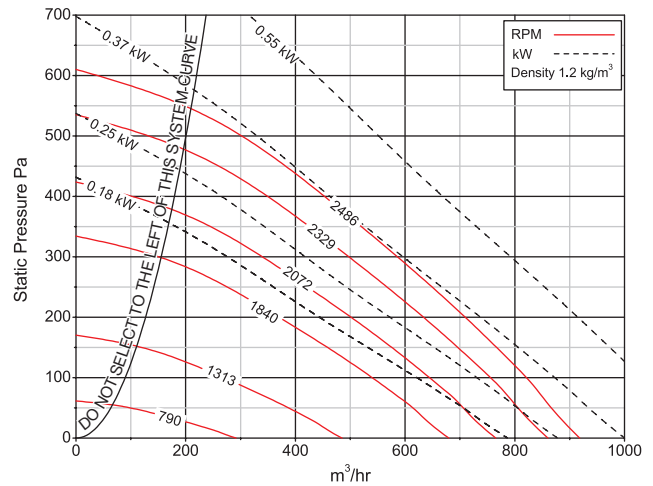
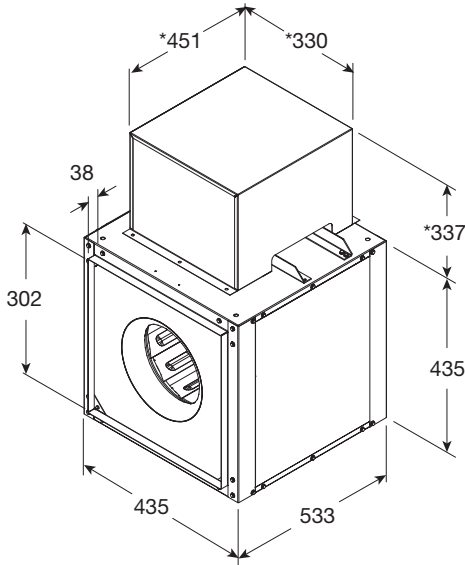
Damper size = 584 x 584 mm
 Unit weight** = 73 kg
 Housing thickness = 18 ga
 Dimensions shown in millimeters.
 **Weight shown is largest cataloged motor.



VARI GREEN	Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa									
					10	20	40	60	80	100	150	200	300	400
	SQ-M160-K	0.25	950	CMH	4620	4536	4363	4183	3994	3767	3057			
kW				0.21	0.21	0.22	0.22	0.23	0.24	0.24				
dBA/LwA				60/71	60/71	59/70	58/69	58/69	57/68	56/67				
SQ-M160-J	1.1	1425	CMH	7000	6944	6830	6718	6604	6489	6184	5855	5004	3600	
			kW	0.69	0.7	0.71	0.72	0.73	0.74	0.77	0.79	0.82	0.72	
			dBA/LwA	71/82	71/82	71/82	71/82	70/81	70/81	70/81	70/81	69/80	69/80	

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M70 - Belt Drive



Damper size = 305 x 305 mm

Unit weight** = 48 kg

Housing thickness = 20 ga

Dimensions shown in millimeters.

*May be greater depending on motor.

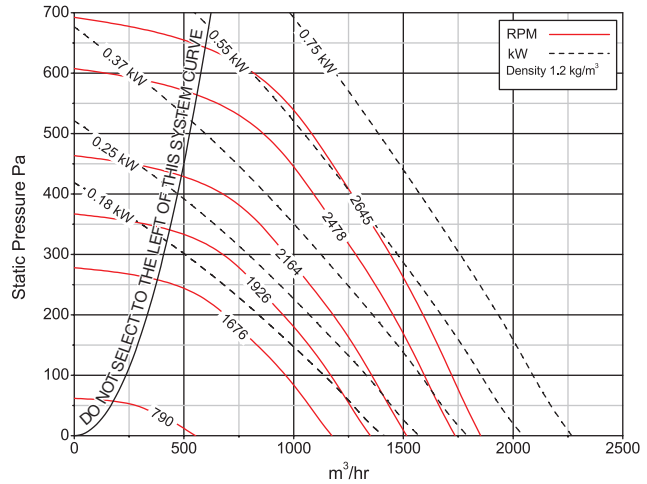
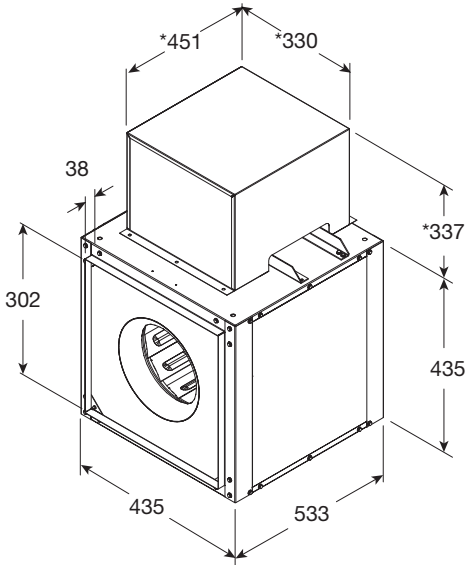
**Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 0.55 kW
 MAXIMUM FAN RPM = 2486
 MAX MOTOR FRAME SIZE = 80M

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa											
				0	20	40	60	80	100	200	300	400	500		
BSQ-M70-0.18	0.18	1050	CMH	387	342	287	228	160							
			kW	0.03	0.03	0.03	0.03	0.03							
			dBA/LwA	55/66	55/66	54/65	54/65	54/65							
		1313	CMH	484	447	409	364	316	268						
			kW	0.06	0.06	0.06	0.06	0.06	0.05						
			dBA/LwA	59/70	59/70	59/70	59/70	59/70	58/69						
		1445	CMH	533	500	466	428	386	342						
			kW	0.08	0.08	0.08	0.08	0.08	0.07						
			dBA/LwA	62/73	62/73	62/73	62/73	62/73	61/72						
		1577	CMH	583	550	522	488	450	411	192					
			kW	0.10	0.10	0.10	0.10	0.10	0.10	0.08					
			dBA/LwA	64/75	64/75	64/75	64/75	64/75	65/76	60/71					
1709	CMH	632	601	574	545	513	477	285							
	kW	0.13	0.13	0.13	0.13	0.13	0.13	0.11							
	dBA/LwA	66/77	66/77	66/77	66/77	66/77	66/77	64/75							
1840	CMH	680	652	627	600	571	540	370							
	kW	0.16	0.16	0.16	0.16	0.16	0.16	0.15							
	dBA/LwA	68/79	68/79	68/79	68/79	68/79	68/79	67/78							
BSQ-M70-0.25	0.25	1972	CMH	729	702	678	656	629	601	445	265				
			kW	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.16				
			dBA/LwA	70/81	70/81	71/82	71/82	71/82	71/82	70/81	69/80				
		2072	CMH	765	741	717	695	671	646	498	335				
			kW	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.20				
			dBA/LwA	71/82	71/82	71/82	71/82	71/82	72/83	71/82	71/82				
BSQ-M70-0.37	0.37	2172	CMH	802	778	756	736	714	688	550	403	214			
			kW	0.25	0.25	0.26	0.26	0.26	0.26	0.25	0.24	0.21			
			dBA/LwA	72/83	72/83	72/83	72/83	72/83	72/83	72/83	71/82	71/82			
		2329	CMH	860	838	816	797	778	756	630	498	338			
			kW	0.31	0.31	0.32	0.32	0.32	0.32	0.31	0.31	0.28			
			dBA/LwA	74/85	74/85	74/85	74/85	74/85	74/85	74/85	73/84	72/83			
BSQ-M70-0.55	0.55	2486	CMH	917	897	877	858	839	821	708	583	447	296		
			kW	0.38	0.39	0.39	0.39	0.39	0.39	0.39	0.37	0.36	0.33		
			dBA/LwA	75/86	75/86	75/86	75/86	75/86	75/86	76/87	74/85	73/84	75/86		

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M80 - Belt Drive



Damper size = 305 x 305 mm

Unit weight** = 48 kg

Housing thickness = 20 ga

Dimensions shown in millimeters.

*May be greater depending on motor.

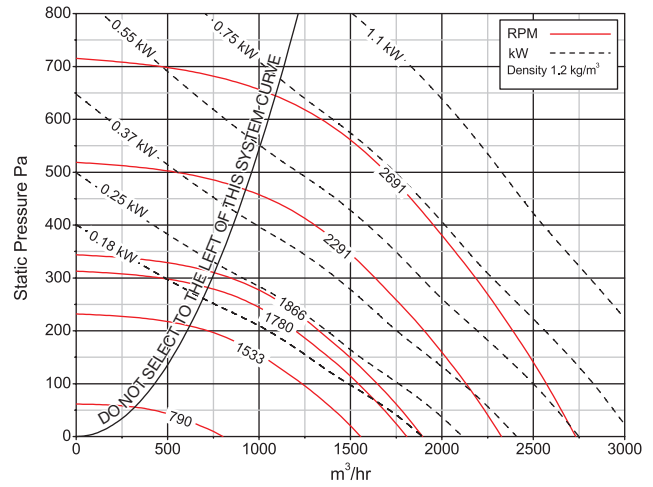
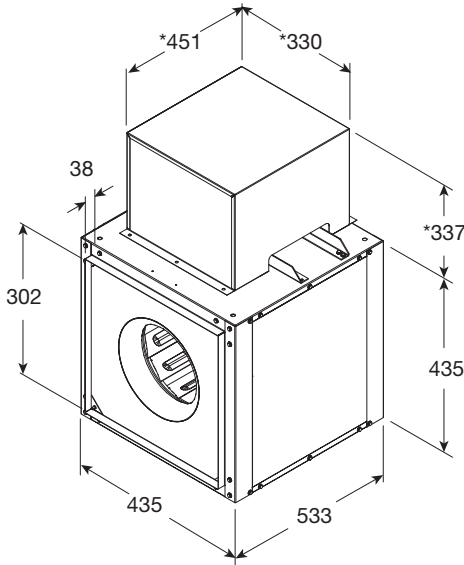
**Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 0.75 kW
 MAXIMUM FAN RPM = 2645
 MAX MOTOR FRAME SIZE = 80M

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa											
				20	40	60	80	100	200	300	400	500	600		
BSQ-M80-0.18	0.18	1050	CMH	669	601	516	423	251							
			kW	0.04	0.04	0.04	0.04	0.03							
			dBA/LwA	55/66	54/65	54/65	54/65	53/64							
		1207	CMH	788	729	666	591	510							
			kW	0.05	0.06	0.06	0.06	0.05							
			dBA/LwA	57/68	57/68	57/68	56/67	56/67							
		1520	CMH	1018	974	928	880	824	428						
			kW	0.10	0.11	0.11	0.11	0.11	0.10						
			dBA/LwA	63/74	63/74	63/74	63/74	63/74	59/70						
		1676	CMH	1132	1091	1050	1008	963	686						
			kW	0.14	0.14	0.15	0.15	0.15	0.14						
			dBA/LwA	66/77	66/77	66/77	66/77	66/77	63/74						
BSQ-M80-0.25	0.25	1833	CMH	1244	1208	1171	1133	1092	858	466					
			kW	0.19	0.19	0.19	0.19	0.19	0.19	0.16					
			dBA/LwA	68/79	68/79	68/79	68/79	68/79	67/78	62/73					
		1926	CMH	1312	1276	1242	1206	1167	953	652					
			kW	0.22	0.22	0.22	0.22	0.22	0.22	0.21					
			dBA/LwA	70/81	70/81	70/81	70/81	70/81	69/80	65/76					
BSQ-M80-0.37	0.37	2018	CMH	1378	1344	1310	1278	1242	1043	802					
			kW	0.25	0.25	0.25	0.25	0.25	0.26	0.25					
			dBA/LwA	71/82	71/82	71/82	71/82	71/82	70/81	69/80					
		2164	CMH	1482	1449	1419	1388	1356	1179	963	624				
			kW	0.31	0.31	0.31	0.31	0.31	0.32	0.31	0.28				
			dBA/LwA	72/83	72/83	72/83	72/83	72/83	72/83	71/82	68/79				
BSQ-M80-0.55	0.55	2310	CMH	1587	1556	1527	1499	1470	1310	1118	897				
			kW	0.37	0.37	0.38	0.38	0.38	0.39	0.39	0.38				
			dBA/LwA	74/85	74/85	74/85	74/85	74/85	74/85	72/83	72/83				
		2478	CMH	1706	1677	1650	1623	1595	1453	1284	1084	816			
			kW	0.45	0.46	0.46	0.47	0.47	0.48	0.48	0.47	0.44			
			dBA/LwA	75/86	75/86	75/86	75/86	75/86	76/87	74/85	73/84	75/86			
BSQ-M80-0.75	0.75	2645	CMH	1825	1798	1772	1747	1721	1589	1439	1264	1074	758		
			kW	0.55	0.56	0.57	0.57	0.57	0.58	0.59	0.58	0.57	0.51		
			dBA/LwA	77/88	77/88	77/88	77/88	77/88	77/88	76/87	75/86	74/85	81/92		

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LWA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M90 - Belt Drive



Damper size = 305 x 305 mm

Unit weight** = 48 kg

Housing thickness = 20 ga

Dimensions shown in millimeters.

*May be greater depending on motor.

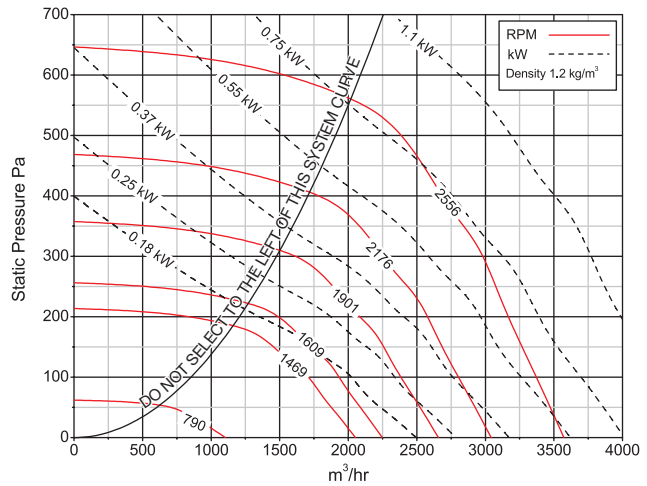
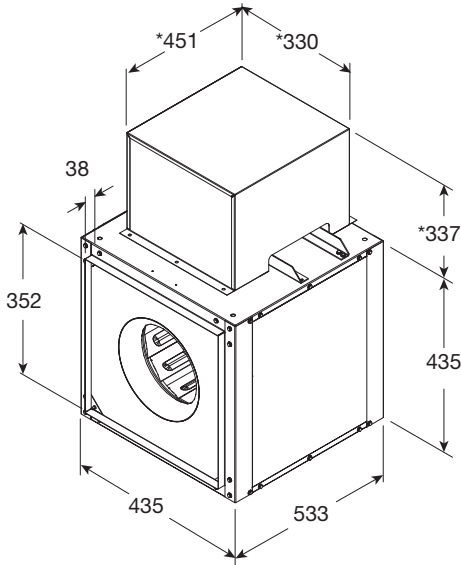
**Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 1.1 kW
 MAXIMUM FAN RPM = 2691
 MAX MOTOR FRAME SIZE = 80M

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa											
				20	40	60	80	100	150	200	300	450	600		
BSQ-M90-0.18	0.18	1050	CMH	982	883	768	622								
			kW	0.04	0.05	0.05	0.04								
			dBA/LwA	55/66	54/65	54/65	54/65								
		1211	CMH	1159	1077	987	885	763							
			kW	0.07	0.07	0.07	0.07	0.07							
			dBA/LwA	58/69	57/68	57/68	56/67	56/67							
		1533	CMH	1500	1442	1378	1308	1235	1025	719					
			kW	0.13	0.13	0.14	0.14	0.14	0.14	0.13					
			dBA/LwA	64/75	64/75	64/75	64/75	63/74	61/72	59/70					
BSQ-M90-0.25	0.25	1694	CMH	1668	1617	1561	1502	1437	1262	1045					
			kW	0.19	0.19	0.19	0.19	0.19	0.19	0.19					
			dBA/LwA	66/77	66/77	66/77	66/77	66/77	65/76	63/74					
		1780	CMH	1758	1709	1657	1602	1543	1383	1201					
			kW	0.21	0.22	0.22	0.22	0.22	0.22	0.22					
			dBA/LwA	67/78	67/78	67/78	67/78	67/78	67/78	66/77					
BSQ-M90-0.37	0.37	1866	CMH	1849	1803	1753	1701	1646	1499	1329	844				
			kW	0.25	0.25	0.25	0.25	0.25	0.26	0.25	0.22				
			dBA/LwA	69/80	69/80	69/80	69/80	69/80	68/80	68/80	66/77				
BSQ-M90-0.55	0.55	2136	CMH	2129	2088	2047	2003	1957	1837	1704	1391				
			kW	0.37	0.37	0.37	0.37	0.37	0.39	0.39	0.37				
			dBA/LwA	72/83	72/83	72/83	72/83	72/83	72/83	72/83	71/82				
		2291	CMH	2289	2251	2212	2175	2132	2024	1905	1636	1035			
			kW	0.45	0.45	0.45	0.45	0.46	0.47	0.48	0.48	0.42			
			dBA/LwA	74/85	74/85	74/85	73/84	73/84	74/85	73/85	72/83	73/84			
BSQ-M90-0.75	0.75	2445	CMH	2447	2413	2377	2341	2304	2202	2095	1855	1381			
			kW	0.54	0.55	0.55	0.55	0.56	0.57	0.57	0.59	0.544			
			dBA/LwA	75/86	75/86	75/86	75/86	75/86	75/86	75/86	74/85	73/84			
		2568	CMH	2574	2540	2506	2472	2438	2343	2243	2024	1609			
			kW	0.63	0.63	0.64	0.64	0.64	0.66	0.66	0.68	0.65			
			dBA/LwA	76/87	76/87	76/87	76/87	76/87	76/87	77/88	75/86	73/84			
BSQ-M90-1.1	1.1	2691	CMH	2700	2667	2635	2603	2571	2482	2391	2188	1828	1339		
			kW	0.73	0.73	0.73	0.74	0.74	0.75	0.76	0.78	0.76	0.70		
			dBA/LwA	78/89	77/88	77/88	77/88	77/88	77/88	78/89	77/88	75/86	77/88		

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M100 - Belt Drive



Damper size = 356 x 356 mm

Unit weight** = 49 kg

Housing thickness = 20 ga

Dimensions shown in millimeters.

*May be greater depending on motor.

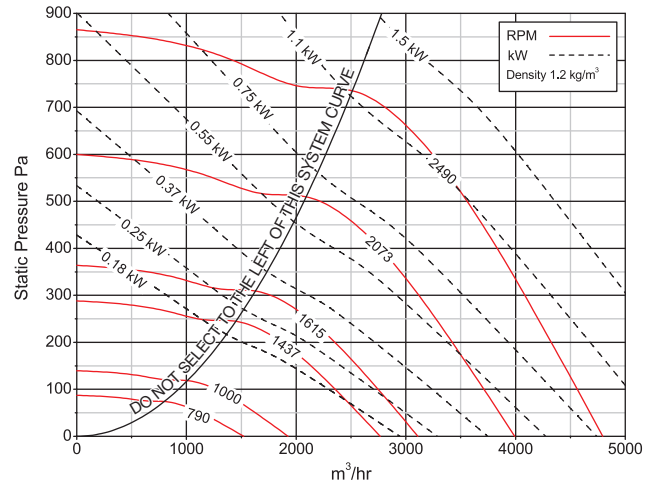
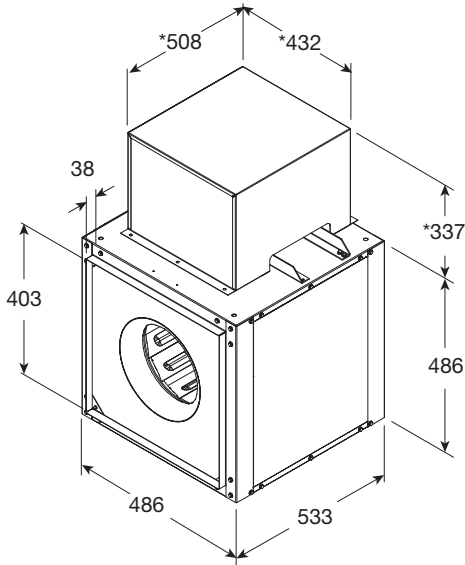
**Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 1.1 kW
 MAXIMUM FAN RPM = 2556
 MAX MOTOR FRAME SIZE = 80M

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa											
				20	40	60	80	100	150	200	250	400	550		
BSQ-M100-0.18	0.18	1050	CMH	1371	1273	1159	1014								
			kW	0.05	0.05	0.05	0.05								
			dBA/LwA	55/66	54/65	54/65	54/65								
		1330	CMH	1782	1706	1628	1556	1446	1077						
			kW	0.10	0.10	0.11	0.11	0.11	0.10						
			dBA/LwA	60/71	60/71	60/71	59/70	58/69	56/67						
		1469	CMH	1984	1915	1845	1775	1709	1459						
			kW	0.14	0.14	0.15	0.15	0.15	0.15						
			dBA/LwA	62/73	62/73	62/73	62/73	62/73	59/70						
BSQ-M100-0.25	0.25	1609	CMH	2185	2122	2058	1995	1933	1733	1490					
			kW	0.18	0.19	0.19	0.19	0.19	0.19	0.19					
			dBA/LwA	65/76	65/76	65/76	65/76	65/76	63/74	60/71					
BSQ-M100-0.37	0.37	1772	CMH	2419	2362	2304	2246	2188	2042	1835	1595				
			kW	0.24	0.25	0.25	0.25	0.26	0.26	0.26	0.26				
			dBA/LwA	67/78	67/78	67/78	67/78	67/78	67/78	65/76	63/74				
		1901	CMH	2603	2550	2496	2441	2387	2258	2083	1894				
			kW	0.30	0.31	0.31	0.31	0.31	0.32	0.32	0.32				
			dBA/LwA	69/80	69/80	69/80	69/80	69/80	69/80	68/80	68/80				
BSQ-M100-0.55	0.55	2029	CMH	2786	2735	2686	2635	2584	2458	2328	2144				
			kW	0.36	0.37	0.37	0.37	0.38	0.39	0.39	0.39				
			dBA/LwA	71/82	71/82	71/82	71/82	71/82	71/82	70/81	70/81				
		2176	CMH	2994	2948	2900	2854	2807	2688	2577	2426	1755			
			kW	0.44	0.45	0.45	0.46	0.47	0.48	0.48	0.48	0.46			
			dBA/LwA	72/83	72/83	72/83	72/83	72/83	73/84	72/83	71/82	70/81			
BSQ-M100-0.75	0.75	2323	CMH	3203	3158	3116	3072	3028	2917	2808	2703	2204			
			kW	0.54	0.54	0.55	0.56	0.57	0.57	0.59	0.59	0.59			
			dBA/LwA	74/85	74/85	74/85	74/85	74/85	74/85	74/85	73/84	72/83			
		2440	CMH	3369	3327	3286	3243	3201	3096	2990	2893	2458			
			kW	0.63	0.63	0.63	0.64	0.65	0.66	0.68	0.68	0.68			
			dBA/LwA	75/86	75/86	75/86	75/86	75/86	75/86	75/86	74/85	72/83			
BSQ-M100-1.1	1.1	2556	CMH	3532	3493	3452	3413	3373	3272	3172	3075	2684	2081		
			kW	0.72	0.72	0.73	0.74	0.75	0.76	0.78	0.78	0.78	0.75		
			dBA/LwA	76/87	76/87	76/87	76/87	76/87	76/87	76/87	77/88	76/87	74/85	77/88	

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft). dBA levels are not licensed by AMCA International.

BSQ M120 - Belt Drive



Damper size = 406 x 406 mm

Unit weight** = 56 kg

Housing thickness = 20 ga

Dimensions shown in millimeters.

*May be greater depending on motor.

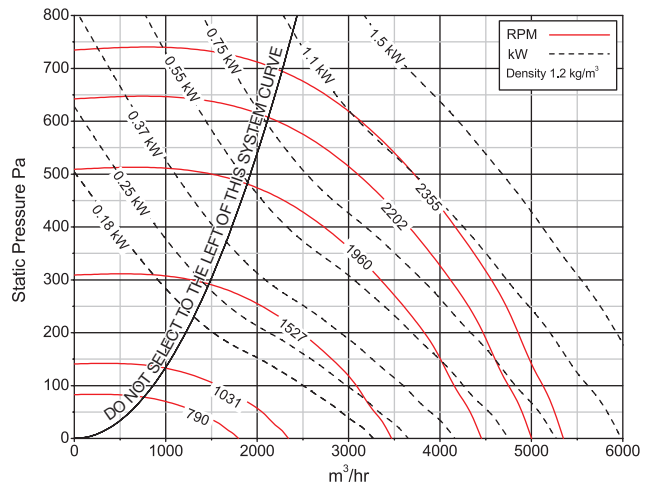
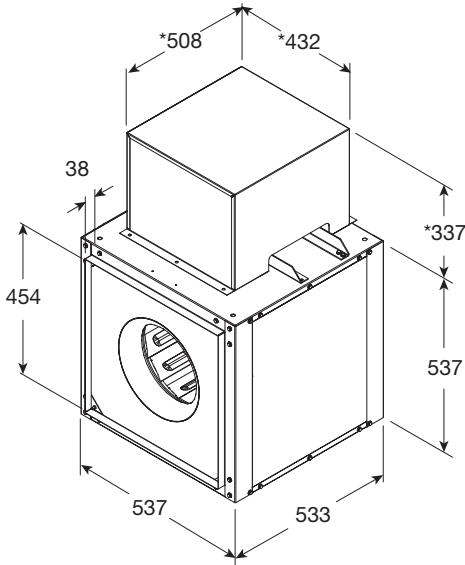
**Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 1.5 kW
 MAXIMUM FAN RPM = 2490
 MAX MOTOR FRAME SIZE = 90L

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa										
				20	40	60	80	100	150	250	400	550	700	
BSQ-M120-0.18	0.18	1000	CMH	1809	1691	1568	1432	1271						
			kW	0.07	0.07	0.08	0.08	0.08						
			dBA/LwA	54/65	54/65	54/65	53/64	53/64						
BSQ-M120-0.25	0.25	1367	CMH	2547	2462	2375	2289	2200	2569					
			kW	0.18	0.18	0.19	0.19	0.19	0.18					
			dBA/LwA	61/72	61/72	61/72	61/72	60/71	59/70					
		1437	CMH	2686	2606	2523	2441	2357	2707					
			kW	0.20	0.21	0.21	0.22	0.22	0.20					
			dBA/LwA	62/73	6/732	62/73	62/73	62/73	60/71					
BSQ-M120-0.33	0.37	1506	CMH	2824	2746	2667	2589	2509	2842	1745				
			kW	0.24	0.24	0.25	0.25	0.25	0.23	0.25				
			dBA/LwA	63/74	64/75	64/75	63/74	63/74	62/73	59/70				
		1615	CMH	3038	2966	2893	2820	2747	3057	2115				
			kW	0.29	0.29	0.30	0.31	0.31	0.29	0.32				
			dBA/LwA	65/76	65/76	66/77	65/76	65/76	64/75	62/73				
BSQ-M120-0.55	0.55	1724	CMH	3252	3186	3118	3050	2980	3269	2418				
			kW	0.35	0.36	0.36	0.37	0.37	0.35	0.39				
			dBA/LwA	67/78	67/78	68/79	67/78	67/78	66/77	65/76				
BSQ-M120-0.75	0.75	1974	CMH	3743	3683	3626	3566	3507	3757	3043	2448			
			kW	0.52	0.53	0.54	0.54	0.54	0.52	0.58	0.58			
			dBA/LwA	71/82	71/82	71/82	71/82	71/82	70/81	69/80	67/78			
		2073	CMH	3937	3881	3824	3768	3711	3950	3276	2759			
			kW	0.60	0.61	0.62	0.63	0.63	0.60	0.66	0.68			
			dBA/LwA	73/84	72/83	72/83	73/84	72/83	71/82	71/82	69/80			
BSQ-M120-1.1	1.1	2172	CMH	4129	4076	4023	3969	3915	4142	3503	3028	2275		
			kW	0.70	0.70	0.71	0.72	0.72	0.69	0.76	0.78	0.74		
			dBA/LwA	74/85	74/85	74/85	74/85	74/85	73/84	73/84	71/82	68/79		
		2329	CMH	4434	4385	4336	4287	4236	4448	3853	3435	2919		
			kW	0.86	0.87	0.87	0.88	0.89	0.86	0.93	0.96	0.95		
			dBA/LwA	77/88	77/88	77/88	76/87	76/87	75/86	75/86	73/84	72/83		
BSQ-M120-1.5	1.5	2490	CMH	4749	4701	4655	4609	4562	4761	4205	3826	3401	2761	
			kW	1.05	1.06	1.07	1.07	1.08	1.04	1.13	1.16	1.18	1.13	
			dBA/LwA	79/90	79/90	79/90	79/90	79/90	78/89	77/88	76/87	75/86	73/84	

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M130 - Belt Drive



Damper size = 457 x 457 mm

Unit weight** = 59 kg

Housing thickness = 20 ga

Dimensions shown in millimeters.

*May be greater depending on motor.

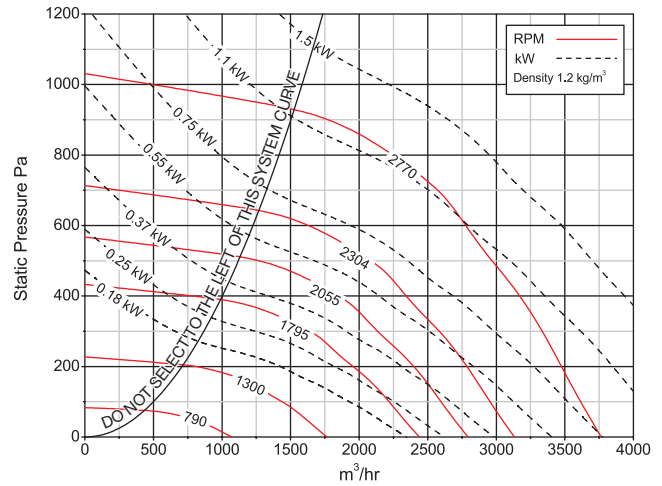
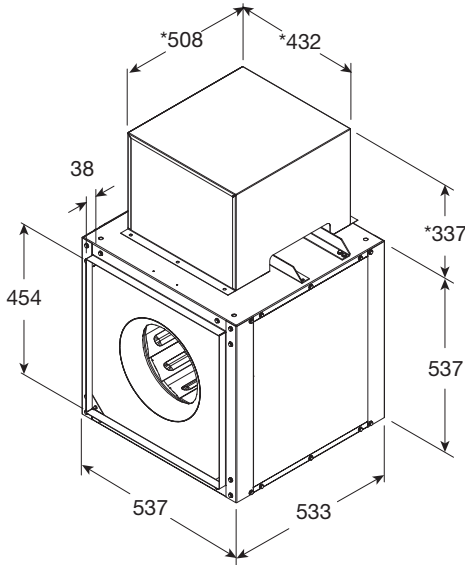
**Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 1.5 kW
 MAXIMUM FAN RPM = 2355
 MAX MOTOR FRAME SIZE = 90L

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa											
				20	40	60	80	100	150	200	350	500	650		
BSQ-M130-0.18	0.18	900	CMH	1916	1774	1578	1324								
			kW	0.06	0.06	0.06	0.06								
			dBA/LwA	55/66	55/66	55/66	55/66								
		1031	CMH	2236	2117	1978	1794	1577							
			kW	0.09	0.10	0.10	0.10	0.10							
			dBA/LwA	57/68	57/68	57/68	57/68	57/68							
BSQ-M130-0.25	0.25	1293	CMH	2863	2759	2667	2564	2440	2049	1312					
			kW	0.18	0.19	0.19	0.19	0.19	0.19	0.16					
			dBA/LwA	62/73	62/73	62/73	61/72	61/72	61/72	60/71					
		1424	CMH	3169	3080	2990	2909	2807	2498	2098					
			kW	0.24	0.25	0.25	0.25	0.26	0.25	0.25					
			dBA/LwA	65/76	65/76	64/75	64/75	63/74	63/74	62/73					
BSQ-M130-0.33	0.37	1527	CMH	3407	3330	3242	3165	3084	2817	2487					
			kW	0.29	0.30	0.31	0.31	0.31	0.32	0.31					
			dBA/LwA	66/77	66/77	66/77	65/76	65/76	64/75	64/75					
		1630	CMH	3644	3580	3493	3418	3345	3126	2837					
			kW	0.36	0.36	0.37	0.37	0.38	0.39	0.39					
			dBA/LwA	68/79	68/79	67/78	67/78	67/78	66/77	65/76					
BSQ-M130-0.75	0.75	1866	CMH	4188	4137	4069	3994	3928	3767	3565	2683				
			kW	0.53	0.54	0.54	0.55	0.56	0.57	0.59	0.56				
			dBA/LwA	72/83	72/83	72/83	71/82	71/82	70/81	70/81	67/78				
		1960	CMH	4404	4355	4295	4224	4157	4006	3824	3057				
			kW	0.61	0.62	0.63	0.63	0.64	0.66	0.67	0.66				
			dBA/LwA	74/85	73/84	73/84	73/84	72/83	71/82	71/82	68/79				
BSQ-M130-1.1	1.1	2053	CMH	4618	4570	4519	4451	4383	4239	4076	3391	2148			
			kW	0.71	0.71	0.72	0.72	0.74	0.75	0.77	0.77	0.64			
			dBA/LwA	75/86	74/85	74/85	74/85	74/85	72/83	72/83	70/81	71/82			
		2202	CMH	4959	4915	4873	4813	4749	4608	4473	3889	3079			
			kW	0.87	0.87	0.88	0.89	0.90	0.92	0.94	0.95	0.91			
			dBA/LwA	78/89	77/88	76/87	76/87	76/87	75/86	73/84	72/83	72/83			
BSQ-M130-1.5	1.5	2355	CMH	5309	5269	5228	5182	5123	4982	4856	4361	3706	2746		
			kW	1.06	1.07	1.07	1.08	1.10	1.12	1.14	1.17	1.14	1.05		
			dBA/LwA	81/92	79/90	78/89	78/89	78/89	78/89	75/86	74/85	73/84	79/79		

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M130HP - Belt Drive



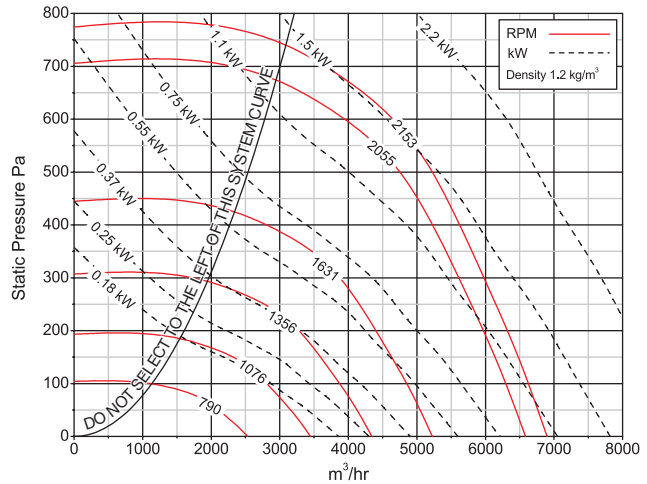
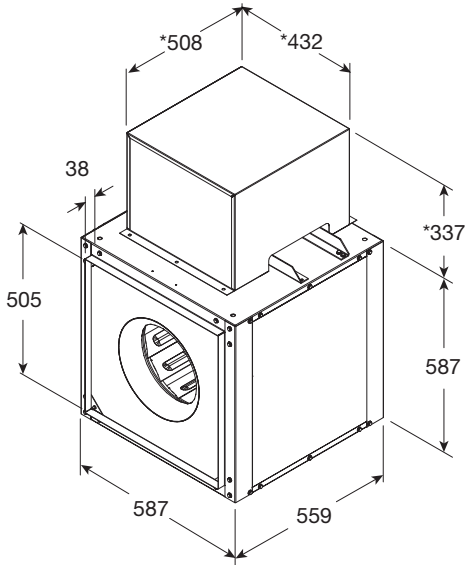
Damper size = 457 x 457 mm
 Unit weight** = 59 kg
 Housing thickness = 20 ga
 Dimensions shown in millimeters.
 *May be greater depending on motor.
 **Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 1.5 kW
 MAXIMUM FAN RPM = 2770
 MAX MOTOR FRAME SIZE = 90L

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa																		
				100	150	200	250	300	350	450	600	750	900									
BSQ-M130HP-0.18	0.18	1300	CMH	1439	1232	816																
			kW	0.12	0.12	0.11																
			dBA/LwA	63/74	62/73	62/73																
BSQ-M130HP-0.25	0.25	1520	CMH	1799	1634	1459	1138															
			kW	0.18	0.19	0.19	0.19															
			dBA/LwA	61/72	61/72	61/72	60/71															
BSQ-M130HP-0.37	0.37	1674	CMH	2039	1901	1738	1580	1276														
			kW	0.24	0.25	0.25	0.26	0.25														
			dBA/LwA	63/74	63/74	63/74	62/73	61/72														
		1795	CMH	2217	2098	1959	1806	1641	1320													
			kW	0.29	0.3	0.31	0.31	0.32	0.31													
			dBA/LwA	64/75	64/75	64/75	64/75	63/74	62/73													
BSQ-M130HP-0.55	0.55	1916	CMH	2396	2290	2168	2025	1888	1708													
			kW	0.35	0.37	0.37	0.37	0.39	0.38													
			dBA/LwA	66/77	66/77	65/76	65/76	65/76	64/75													
		2055	CMH	2598	2504	2394	2275	2139	2005	1565												
			kW	0.43	0.44	0.45	0.46	0.46	0.48	0.46												
			dBA/LwA	68/79	68/79	67/78	66/77	67/78	66/77	64/75												
BSQ-M130HP-0.75	0.75	2194	CMH	2798	2710	2616	2509	2391	2256	1991												
			kW	0.52	0.54	0.54	0.56	0.57	0.57	0.58												
			dBA/LwA	70/81	71/82	69/80	68/79	68/79	68/79	67/78												
		2304	CMH	2955	2871	2788	2688	2586	2458	2227	1583											
			kW	0.60	0.61	0.63	0.64	0.65	0.65	0.67	0.63											
			dBA/LwA	71/82	73/84	71/82	70/81	69/80	69/80	69/80	66/77											
BSQ-M130HP-1.1	1.1	2414	CMH	3113	3033	2953	2863	2766	2656	2428	1944											
			kW	0.69	0.70	0.72	0.73	0.74	0.75	0.76	0.75											
			dBA/LwA	72/83	73/84	73/84	71/82	70/81	70/81	70/81	68/79											
		2589	CMH	3362	3286	3211	3136	3048	2953	2746	2431	1816										
			kW	0.84	0.86	0.87	0.89	0.90	0.92	0.92	0.96	0.9										
			dBA/LwA	73/84	75/86	75/86	74/85	72/83	71/82	72/83	71/82	68/79										
BSQ-M130HP-1.5	1.5	2770	CMH	3619	3546	3476	3407	3333	3245	3070	2774	2402	1770									
			kW	1.03	1.04	1.06	1.07	1.09	1.11	1.13	1.15	1.15	1.15	1.09								
			dBA/LwA	75/86	76/87	77/88	76/87	75/86	74/85	73/84	73/84	72/83	69/80									

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M140 - Belt Drive



Damper size = 508 x 508 mm

Unit weight** = 66 kg

Housing thickness = 20 ga

Dimensions shown in millimeters.

*May be greater depending on motor.

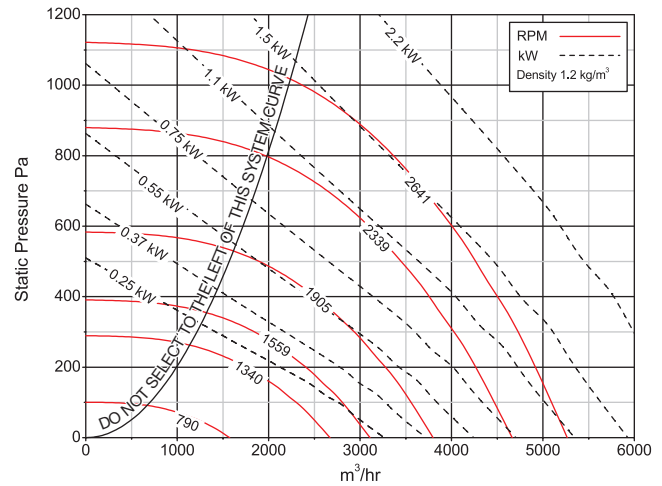
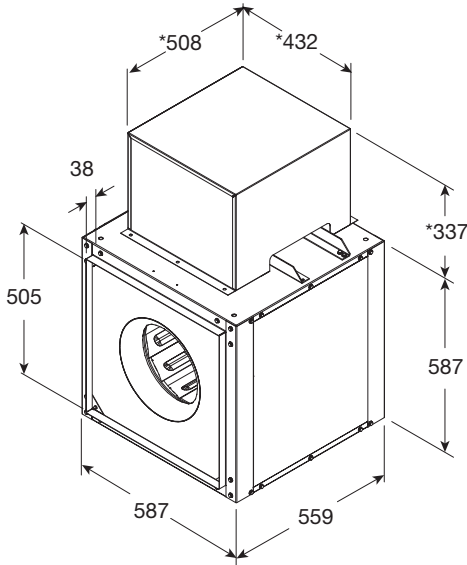
**Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 2.2 kW
 MAXIMUM FAN RPM = 2153
 MAX MOTOR FRAME SIZE = 90L

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa										
				20	40	60	80	100	150	250	400	550	700	
BSQ-M140-0.18	0.18	800	CMH	2413	2236	2041	1767	1249						
			kW	0.08	0.08	0.08	0.08	0.07						
			dBA/LwA	52/63	52/63	53/64	52/63	50/61						
BSQ-M140-0.25	0.25	1076	CMH	3337	3221	3091	2953	2812	2312					
			kW	0.18	0.19	0.19	0.19	0.19	0.19					
			dBA/LwA	61/72	61/72	61/72	61/72	61/72	57/68					
BSQ-M140-0.33	0.37	1185	CMH	3695	3595	3480	3361	3233	2890					
			kW	0.24	0.25	0.25	0.25	0.25	0.26					
			dBA/LwA	63/74	63/74	63/74	63/74	63/74	62/73					
		1271	CMH	3979	3884	3782	3672	3558	3252	2037				
			kW	0.29	0.30	0.31	0.31	0.31	0.32	0.29				
			dBA/LwA	65/76	65/76	64/75	64/75	64/75	64/75	63/74				
BSQ-M140-0.55	0.55	1356	CMH	4256	4169	4076	3974	3872	3593	2780				
			kW	0.35	0.36	0.37	0.37	0.37	0.39	0.38				
			dBA/LwA	66/77	66/77	66/77	66/77	66/77	65/76	65/76				
BSQ-M140-0.75	0.75	1553	CMH	4898	4822	4745	4664	4574	4344	3828				
			kW	0.53	0.54	0.54	0.55	0.55	0.57	0.59				
			dBA/LwA	68/79	68/79	68/79	68/79	68/79	68/79	67/78				
		1631	CMH	5153	5080	5007	4932	4847	4633	4156	2773			
			kW	0.61	0.62	0.63	0.63	0.64	0.65	0.68	0.62			
			dBA/LwA	69/80	69/80	69/80	69/80	69/80	69/80	68/80	66/77			
BSQ-M140-1.1	1.1	1709	CMH	5406	5337	5267	5196	5119	4915	4477	3435			
			kW	0.70	0.71	0.72	0.72	0.73	0.75	0.78	0.76			
			dBA/LwA	70/81	70/81	70/81	70/81	70/81	70/81	69/80	68/80			
BSQ-M140-1.5	1.5	1956	CMH	6206	6145	6084	6023	5962	5790	5425	4796	3658		
			kW	1.04	1.06	1.07	1.07	1.09	1.1	1.14	1.17	1.11		
			dBA/LwA	75/86	75/86	74/85	75/86	75/86	75/86	74/85	73/84	71/82		
		2055	CMH	6526	6468	6410	6353	6293	6137	5794	5214	4382		
			kW	1.21	1.22	1.23	1.25	1.25	1.28	1.30	1.36	1.34		
			dBA/LwA	77/88	77/88	76/87	77/88	77/88	78/89	77/88	76/87	74/85		
BSQ-M140-2.2	2.2	2153	CMH	6844	6788	6731	6677	6621	6477	6154	5619	4922	3644	
			kW	1.39	1.40	1.42	1.42	1.44	1.46	1.49	1.57	1.55	1.43	
			dBA/LwA	79/90	79/90	79/90	79/90	79/90	80/91	79/90	78/89	77/88	74/85	

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M140HP - Belt Drive



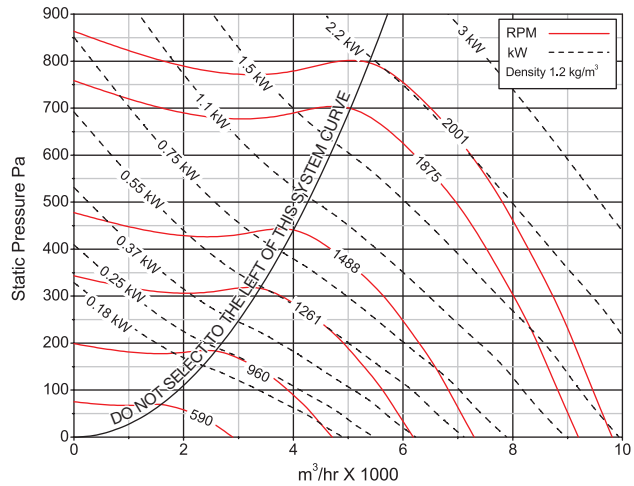
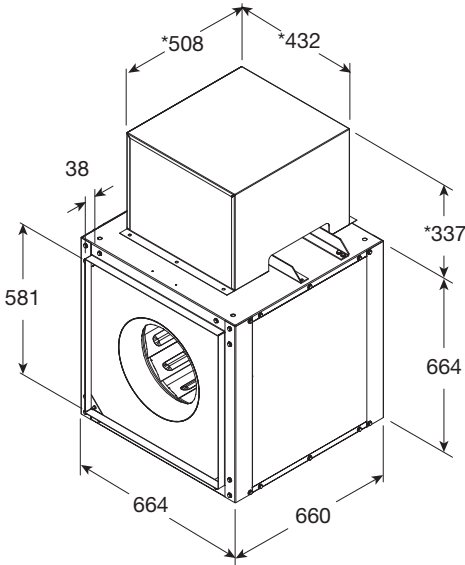
Damper size = 508 x 508 mm
 Unit weight** = 66 kg
 Housing thickness = 20 ga
 Dimensions shown in millimeters.
 *May be greater depending on motor.
 **Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 2.2 kW
 MAXIMUM FAN RPM = 2641
 MAX MOTOR FRAME SIZE = 90L

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa																		
				100	150	200	250	400	500	600	700	800	900									
BSQ-M140HP-0.25	0.25	1340	CMH	2300	2058	1750																
			kW	0.20	0.20	0.20																
			dBA/LwA	62/73	61/72	61/72																
BSQ-M140HP-0.37	0.37	1453	CMH	2567	2355	2107	1798															
			kW	0.25	0.26	0.26	0.25															
			dBA/LwA	64/75	63/74	63/74	63/74															
		1559	CMH	2807	2616	2409	2158															
			kW	0.31	0.32	0.32	0.32															
			dBA/LwA	66/77	66/77	65/76	65/76															
BSQ-M140HP-0.55	0.55	1664	CMH	3040	2873	2684	2474															
			kW	0.38	0.39	0.39	0.39															
			dBA/LwA	68/79	67/78	67/78	66/77															
		1785	CMH	3299	3157	2983	2807	1971														
			kW	0.47	0.47	0.48	0.48	0.45														
			dBA/LwA	69/80	69/80	68/79	68/79	66/77														
BSQ-M140HP-0.75	0.75	1905	CMH	3558	3427	3277	3113	2496														
			kW	0.57	0.57	0.57	0.59	0.58														
			dBA/LwA	71/82	71/82	70/81	70/81	68/79														
BSQ-M140HP-1.1	1.1	2096	CMH	3962	3848	3724	3582	3092	2674													
			kW	0.75	0.76	0.76	0.77	0.78	0.78													
			dBA/LwA	75/86	74/85	74/85	73/84	71/82	70/81													
		2197	CMH	4174	4066	3952	3828	3376	3019	2530												
			kW	0.86	0.87	0.88	0.88	0.90	0.90	0.87												
			dBA/LwA	77/88	76/87	76/87	75/86	73/84	72/83	72/83												
BSQ-M140HP-1.5	1.5	2339	CMH	4594	4496	4397	4290	3903	3619	3286	2882											
			kW	1.11	1.13	1.14	1.14	1.17	1.17	1.17	1.15											
			dBA/LwA	79/90	79/90	78/89	78/89	76/87	75/86	74/85	73/84											
BSQ-M140HP-2.2	2.2	2520	CMH	4846	4752	4657	4560	4202	3952	3651	3308	2778										
			kW	1.28	1.3	1.31	1.33	1.36	1.36	1.35	1.35	1.28										
			dBA/LwA	80/91	80/91	80/91	79/90	78/89	76/87	75/86	75/86	74/85										
		2641	CMH	5094	5007	4917	4827	4501	4263	4001	3702	3354	2661									
			kW	1.47	1.49	1.51	1.52	1.54	1.57	1.57	1.57	1.54	1.4									
			dBA/LwA	81/92	81/92	81/92	81/92	79/90	78/89	77/88	76/87	75/86	74/85									

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M160 - Belt Drive



Damper size = 584 x 584 mm

Unit weight** = 85 kg

Housing thickness = 18 ga

Dimensions shown in millimeters.

*May be greater depending on motor.

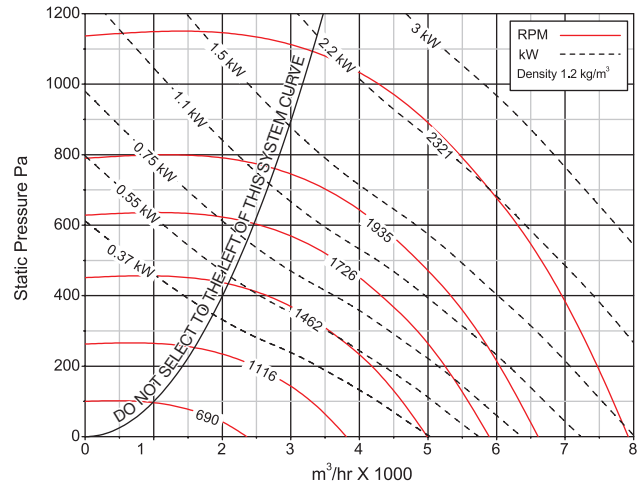
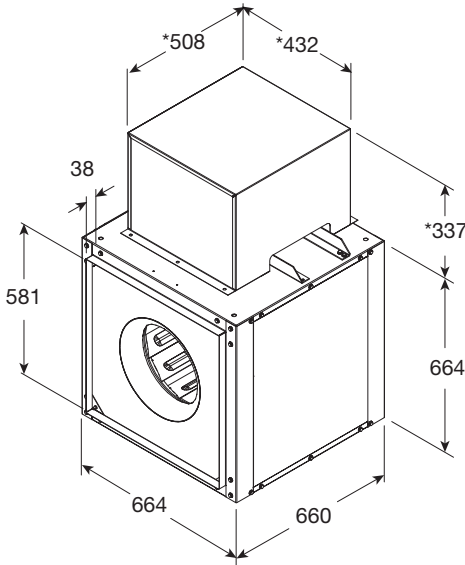
**Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 3 kW
 MAXIMUM FAN RPM = 2001
 MAX MOTOR FRAME SIZE = 100L

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa										
				20	40	60	80	100	150	300	450	600	750	
BSQ-M160-0.18	0.18	650	CMH	2972	2724	2411	1933							
			kW	0.07	0.08	0.08	0.08							
			dBA/LwA	53/64	52/63	52/63	51/62							
BSQ-M160-0.25	0.25	873	CMH	4122	3960	3777	3575	3354	2430					
			kW	0.17	0.18	0.19	0.19	0.19	0.18					
			dBA/LwA	58/69	57/68	57/68	58/69	57/68	56/67					
BSQ-M160-0.37	0.37	962	CMH	4574	4428	4276	4100	3911	3323					
			kW	0.22	0.23	0.24	0.25	0.25	0.26					
			dBA/LwA	60/71	60/71	60/71	59/70	59/70	59/70					
BSQ-M160-0.55	0.55	1101	CMH	5274	5146	5019	4883	4728	4309					
			kW	0.34	0.34	0.35	0.36	0.37	0.39					
			dBA/LwA	64/75	64/75	63/74	63/74	63/74	62/73					
BSQ-M160-0.75	0.75	1261	CMH	6074	5964	5851	5739	5627	5289	3774				
			kW	0.50	0.51	0.52	0.53	0.54	0.57	0.55				
			dBA/LwA	67/78	67/78	66/77	66/77	66/77	66/77	63/74				
BSQ-M160-1.1	1.1	1387	CMH	6703	6601	6500	6398	6297	6011	4902				
			kW	0.66	0.67	0.69	0.70	0.71	0.74	0.78				
			dBA/LwA	70/81	69/80	69/80	69/80	69/80	69/80	67/78				
		1488	CMH	7206	7110	7015	6922	6827	6579	5642				
			kW	0.81	0.83	0.84	0.86	0.87	0.89	0.96				
			dBA/LwA	72/83	71/82	71/82	71/82	71/82	71/82	69/80				
BSQ-M160-1.5	1.5	1588	CMH	7702	7613	7525	7437	7348	7126	6288	5036			
			kW	0.98	1.00	1.01	1.04	1.05	1.07	1.16	1.13			
			dBA/LwA	74/85	74/85	73/84	73/84	73/84	73/84	72/83	68/79			
BSQ-M160-2.2	2.2	1748	CMH	8493	8414	8334	8254	8172	7972	7272	6351	4847		
			kW	1.31	1.33	1.34	1.36	1.38	1.42	1.51	1.55	1.42		
			dBA/LwA	78/89	77/88	77/88	77/88	76/87	76/87	77/88	74/85	69/80		
		1875	CMH	9122	9047	8972	8898	8823	8636	8007	7248	6193		
			kW	1.61	1.63	1.66	1.67	1.69	1.73	1.83	1.92	1.89		
			dBA/LwA	81/92	81/92	80/91	80/91	79/90	79/90	81/92	78/89	74/85		
BSQ-M160-3	3	2001	CMH	9746	9676	9605	9535	9465	9288	8723	8038	7211	6026	
			kW	1.96	1.98	2.00	2.02	2.04	2.09	2.19	2.30	2.33	2.22	
			dBA/LwA	85/96	84/95	84/95	83/94	83/94	82/93	84/95	82/93	78/89	75/86	

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft). dBA levels are not licensed by AMCA International.

BSQ M160HP - Belt Drive



Damper size = 584 x 584 mm

Unit weight** = 85 kg

Housing thickness = 18 ga

Dimensions shown in millimeters.

*May be greater depending on motor.

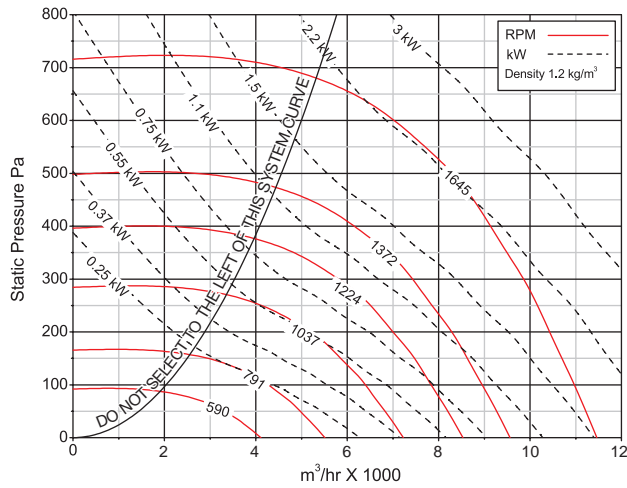
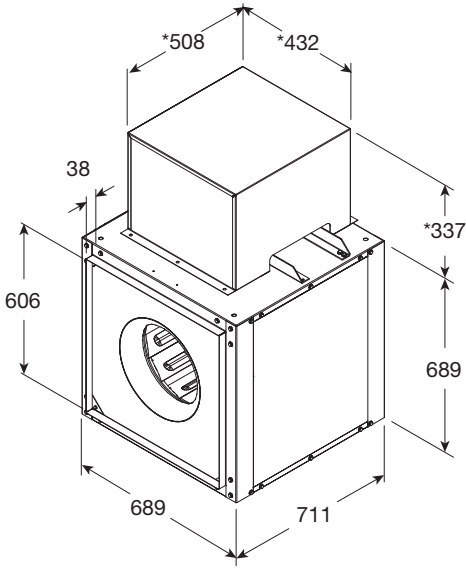
**Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 3 kW
 MAXIMUM FAN RPM = 2321
 MAX MOTOR FRAME SIZE = 100L

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa													
				100	150	200	250	300	400	550	700	850	1000				
BSQ-M160HP-0.37	0.37	1050	CMH	3026	2610	1998											
			kW	0.21	0.22	0.21											
			dBA/LwA	58/69	57/68	56/67											
		1116	CMH	3294	2946	2475											
			kW	0.25	0.26	0.25											
			dBA/LwA	59/70	58/69	58/69											
BSQ-M160HP-0.55	0.55	1277	CMH	3930	3670	3344	2941	2377									
			kW	0.37	0.38	0.39	0.39	0.37									
			dBA/LwA	63/74	62/73	61/72	61/72	60/71									
BSQ-M160HP-0.75	0.75	1462	CMH	4623	4414	4186	3906	3570	2616								
			kW	0.54	0.56	0.57	0.59	0.58	0.55								
			dBA/LwA	67/78	66/77	66/77	65/76	65/76	65/76								
BSQ-M160HP-1.1	1.1	1609	CMH	5162	4987	4781	4567	4312	3665								
			kW	0.71	0.73	0.75	0.77	0.78	0.77								
			dBA/LwA	71/82	70/81	70/81	69/80	69/80	69/80								
		1726	CMH	5585	5423	5245	5053	4840	4305	3170							
			kW	0.87	0.89	0.92	0.93	0.95	0.96	0.91							
			dBA/LwA	74/85	73/84	73/84	73/84	72/83	72/83	73/84							
BSQ-M160HP-1.5	1.5	1842	CMH	6003	5851	5698	5518	5337	4893	4037							
			kW	1.04	1.07	1.10	1.13	1.14	1.17	1.16							
			dBA/LwA	76/87	76/87	75/86	75/86	75/86	74/85	75/86							
		1935	CMH	6336	6191	6047	5885	5714	5320	4582	3485						
			kW	1.20	1.23	1.26	1.29	1.31	1.35	1.35	1.28						
			dBA/LwA	77/88	77/88	76/87	76/87	76/87	75/86	76/87	77/88						
BSQ-M160HP-2.2	2.2	2027	CMH	6664	6526	6388	6246	6081	5731	5070	4200						
			kW	1.38	1.41	1.44	1.47	1.49	1.54	1.56	1.52						
			dBA/LwA	78/89	78/89	77/88	76/87	77/88	77/88	77/88	77/88	78/89					
		2174	CMH	7183	7056	6929	6799	6660	6346	5809	5124	4173					
			kW	1.69	1.72	1.76	1.79	1.82	1.87	1.92	1.91	1.84					
			dBA/LwA	80/91	80/91	80/91	77/88	77/88	78/89	79/90	79/90	80/91					
BSQ-M160HP-3	3	2321	CMH	7700	7584	7464	7343	7222	6937	6475	5901	5211	4239				
			kW	2.04	2.08	2.12	2.16	2.19	2.25	2.32	2.34	2.31	2.21				
			dBA/LwA	83/94	82/93	81/92	81/92	78/89	80/91	81/92	81/92	81/92	82/93	82/93			

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M180 - Belt Drive



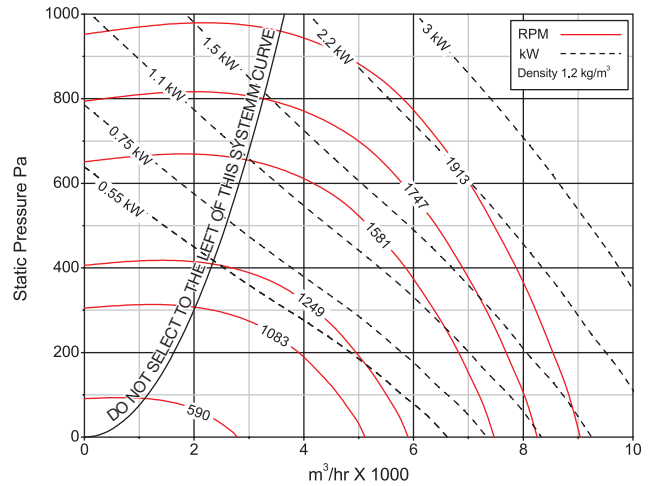
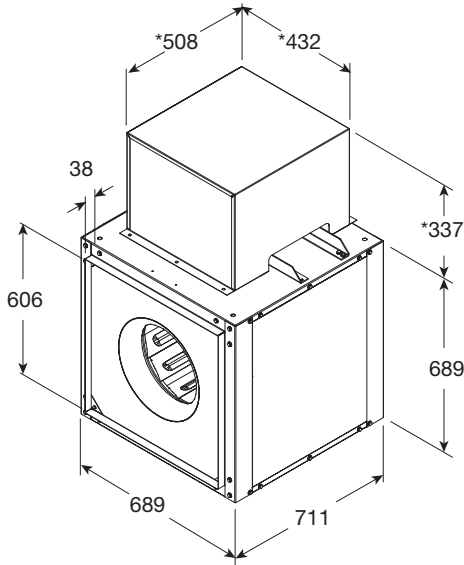
Damper size = 610 x 610 mm
 Unit weight** = 88 kg
 Housing thickness = 18 ga
 Dimensions shown in millimeters.
 *May be greater depending on motor.
 **Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 3 kW
 MAXIMUM FAN RPM = 1645
 MAX MOTOR FRAME SIZE = 100L

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa											
				20	40	60	80	100	150	200	350	500	650		
BSQ-M180-0.25	0.25	700	CMH	4643	4390	4096	3758	3276							
			kW	0.16	0.17	0.18	0.18	0.18							
			dBA/LwA	62/73	60/71	60/71	59/70	60/71							
BSQ-M180-0.37	0.37	791	CMH	5308	5085	4861	4581	4278	2982						
			kW	0.24	0.25	0.25	0.26	0.26	0.24						
			dBA/LwA	61/72	61/72	61/72	61/72	60/71	59/70						
BSQ-M180-0.55	0.55	905	CMH	6127	5940	5743	5547	5301	4574	3247					
			kW	0.35	0.36	0.37	0.37	0.38	0.39	0.35					
			dBA/LwA	63/74	63/74	63/74	63/74	63/74	62/73	61/72					
BSQ-M180-0.75	0.75	1037	CMH	7070	6913	6742	6570	6400	5863	5189					
			kW	0.52	0.53	0.54	0.55	0.56	0.58	0.58					
			dBA/LwA	67/78	67/78	67/78	66/77	66/77	66/77	66/77					
BSQ-M180-1.1	1.1	1141	CMH	7809	7666	7516	7360	7206	6772	6257					
			kW	0.69	0.71	0.72	0.73	0.74	0.76	0.78					
			dBA/LwA	69/80	69/80	68/79	68/79	68/79	67/78	67/78					
		1224	CMH	8397	8264	8128	7984	7839	7477	7008	4779				
			kW	0.86	0.87	0.88	0.89	0.90	0.93	0.95	0.89				
			dBA/LwA	70/81	70/81	70/81	69/80	69/80	69/80	68/79	66/77				
BSQ-M180-1.5	1.5	1306	CMH	8976	8852	8728	8594	8458	8118	7722	6038				
			kW	1.04	1.05	1.06	1.07	1.09	1.12	1.15	1.16				
			dBA/LwA	72/83	71/82	71/82	71/82	71/82	70/81	70/81	68/79				
		1372	CMH	9443	9324	9205	9081	8952	8629	8286	6835				
			kW	1.20	1.22	1.22	1.24	1.25	1.29	1.31	1.36				
			dBA/LwA	73/84	73/84	72/83	72/83	72/83	72/83	71/82	70/81				
BSQ-M180-2.2	2.2	1437	CMH	9900	9788	9674	9560	9436	9127	8820	7576	5206			
			kW	1.38	1.39	1.40	1.42	1.43	1.47	1.50	1.56	1.39			
			dBA/LwA	74/85	74/85	74/85	73/84	73/84	73/84	73/84	71/82	69/80			
		1541	CMH	10634	10527	10422	10316	10206	9917	9630	8546	6957			
			kW	1.69	1.71	1.72	1.74	1.76	1.80	1.83	1.92	1.88			
			dBA/LwA	76/87	76/87	76/87	76/87	75/86	75/86	75/86	73/84	72/83			
BSQ-M180-3	3	1645	CMH	11365	11266	11168	11069	10969	10700	10430	9480	8240	6108		
			kW	2.06	2.08	2.10	2.11	2.13	2.17	2.21	2.32	2.33	2.13		
			dBA/LwA	78/89	78/89	78/89	78/89	78/89	78/89	77/88	76/87	75/86	73/84		

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LWA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M180HP - Belt Drive



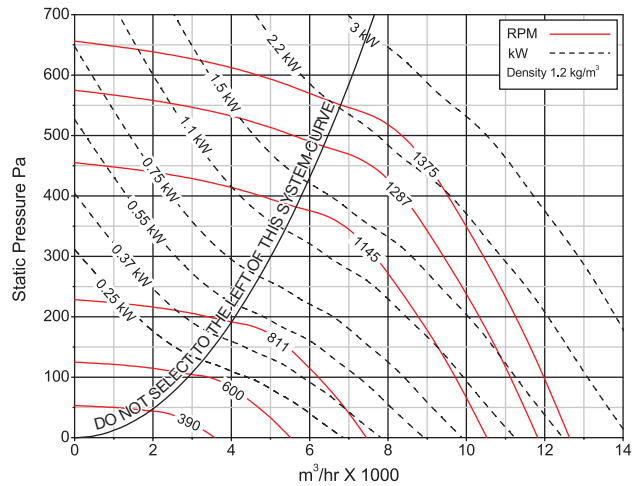
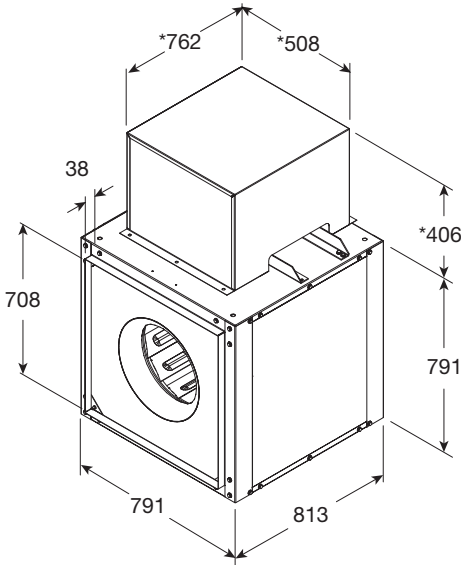
Damper size = 610 x 610 mm
 Unit weight** = 88 kg
 Housing thickness = 18 ga
 Dimensions shown in millimeters.
 *May be greater depending on motor.
 **Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 3 kW
 MAXIMUM FAN RPM = 1913
 MAX MOTOR FRAME SIZE = 100L

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa																	
				100	150	200	250	300	350	450	600	750	900								
BSQ-M180HP-0.55	0.55	1000	CMH	4183	3792	3277															
			kW	0.32	0.33	0.34															
			dBA/LwA	61/72	60/71	59/70															
		1083	CMH	4633	4304	3906	3371														
			kW	0.40	0.42	0.43	0.42														
			dBA/LwA	63/74	62/73	61/72	60/71														
BSQ-M180HP-0.75	0.75	1166	CMH	5077	4788	4450	4042	3514													
			kW	0.49	0.51	0.52	0.53	0.52													
			dBA/LwA	65/76	64/75	63/74	62/73	61/72													
		1249	CMH	5508	5257	4959	4628	4212	3641												
			kW	0.59	0.62	0.63	0.65	0.65	0.63												
			dBA/LwA	66/77	66/77	65/76	64/75	63/74	62/73												
BSQ-M180HP-1.1	1.1	1332	CMH	5935	5705	5445	5151	4825	4387												
			kW	0.71	0.74	0.76	0.78	0.79	0.79												
			dBA/LwA	68/79	68/79	67/78	66/77	65/76	65/76												
		1415	CMH	6356	6149	5921	5654	5367	5022	4123											
			kW	0.84	0.88	0.90	0.92	0.94	0.95	0.92											
			dBA/LwA	70/81	69/80	69/80	68/79	67/78	67/78	65/76											
BSQ-M180HP-1.5	1.5	1498	CMH	6772	6582	6371	6140	5885	5591	4878											
			kW	0.98	1.03	1.06	1.08	1.10	1.12	1.12											
			dBA/LwA	72/83	71/82	71/82	70/81	69/80	69/80	67/78											
		1581	CMH	7187	7010	6818	6614	6376	6113	5529	4164										
			kW	1.15	1.19	1.23	1.26	1.28	1.30	1.32	1.24										
			dBA/LwA	73/84	73/84	72/83	72/83	71/82	71/82	70/81	67/78										
BSQ-M180HP-2.2	2.2	1664	CMH	7600	7435	7258	7064	6859	6619	6123	5089										
			kW	1.33	1.37	1.42	1.45	1.48	1.51	1.54	1.52										
			dBA/LwA	75/86	75/86	74/85	74/85	73/84	73/84	72/83	70/81										
		1747	CMH	8011	7855	7690	7511	7328	7107	6650	5780	3378									
			kW	1.53	1.57	1.63	1.66	1.70	1.72	1.77	1.77	1.40									
			dBA/LwA	77/88	77/88	76/87	76/87	76/87	75/86	74/85	73/84	68/79									
BSQ-M180HP-3	3	1913	CMH	8828	8687	8541	8390	8225	8048	7663	7019	6133	3685								
			kW	1.98	2.04	2.09	2.15	2.18	2.22	2.28	2.34	2.33	1.84								
			dBA/LwA	82/93	81/92	80/91	80/91	80/91	80/91	79/90	79/90	77/88	73/84								

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M200 - Belt Drive



Damper size = 711 x 711 mm

Unit weight** = 111 kg

Housing thickness = 18 ga

Dimensions shown in millimeters.

*May be greater depending on motor.

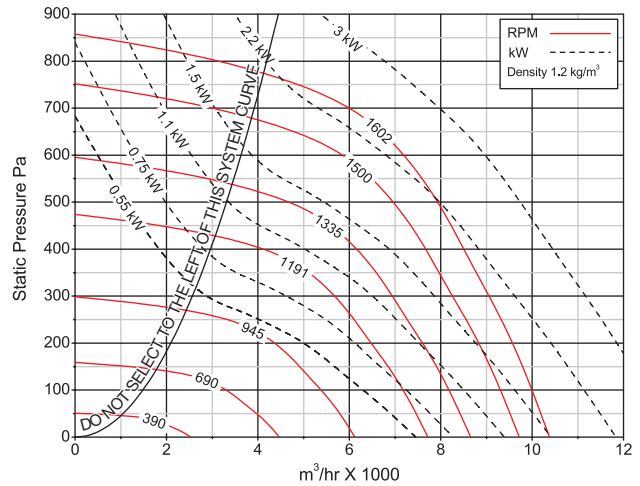
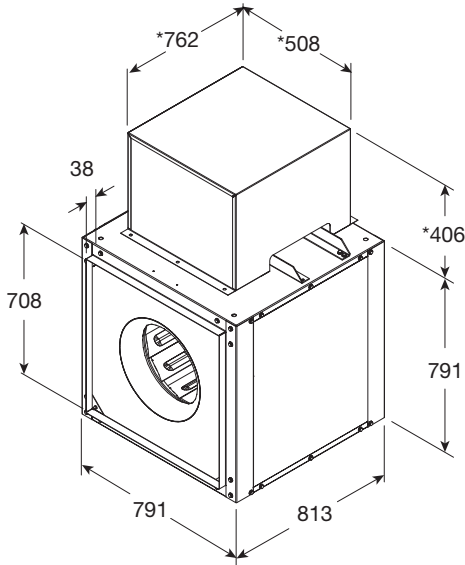
**Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 3 kW
 MAXIMUM FAN RPM = 1375
 MAX MOTOR FRAME SIZE = 100L

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa										
				20	40	60	80	100	150	200	250	400	550	
BSQ-M200-0.25	0.25	600	CMH	5209	4874	4496	4064	3400						
			kW	0.19	0.19	0.19	0.19	0.19						
			dBA/LwA	62/73	61/72	61/72	61/72	60/71						
BSQ-M200-0.37	0.37	660	CMH	5789	5496	5173	4810	4404						
			kW	0.24	0.25	0.25	0.25	0.26						
			dBA/LwA	62/73	62/73	62/73	61/72	61/72						
BSQ-M200-0.55	0.55	756	CMH	6704	6463	6191	5906	5588	4581					
			kW	0.36	0.37	0.37	0.38	0.39	0.39					
			dBA/LwA	64/75	63/74	63/74	63/74	63/74	62/73					
		811	CMH	7226	7002	6759	6500	6218	5428					
			kW	0.44	0.45	0.46	0.46	0.47	0.48					
			dBA/LwA	64/75	64/75	64/75	64/75	64/75	63/74					
BSQ-M200-0.75	0.75	865	CMH	7737	7527	7311	7066	6823	6123	5134				
			kW	0.54	0.54	0.56	0.56	0.57	0.58	0.58				
			dBA/LwA	66/77	65/76	65/76	65/76	65/76	64/75	64/75				
BSQ-M200-1.1	1.1	952	CMH	8556	8364	8172	7965	7742	7146	6470	5442			
			kW	0.71	0.72	0.74	0.75	0.75	0.77	0.78	0.77			
			dBA/LwA	67/78	67/78	67/78	67/78	67/78	67/78	66/77	66/77			
BSQ-M200-1.5	1.5	1090	CMH	9847	9681	9513	9346	9166	8682	8143	7564			
			kW	1.06	1.07	1.09	1.11	1.12	1.13	1.15	1.16			
			dBA/LwA	71/82	71/82	71/82	70/81	70/81	70/81	70/81	70/81			
		1145	CMH	10361	10203	10043	9883	9723	9263	8772	8249			
			kW	1.23	1.25	1.26	1.28	1.30	1.30	1.32	1.35			
			dBA/LwA	72/83	72/83	72/83	72/83	72/83	71/82	71/82	71/82			
BSQ-M200-2.2	2.2	1200	CMH	10874	10722	10570	10418	10265	9837	9390	8891	6748		
			kW	1.41	1.43	1.45	1.46	1.48	1.50	1.51	1.54	1.54		
			dBA/LwA	73/84	73/84	73/84	73/84	72/83	72/83	72/83	72/83	70/81		
		1287	CMH	11684	11541	11400	11258	11117	10736	10327	9885	8346		
			kW	1.74	1.76	1.77	1.80	1.81	1.84	1.86	1.88	1.93		
			dBA/LwA	75/86	75/86	74/85	74/85	74/85	74/85	74/85	74/85	73/84		
BSQ-M200-3	3	1375	CMH	12501	12369	12236	12104	11971	11633	11249	10867	9494	6805	
			kW	2.12	2.13	2.16	2.18	2.20	2.24	2.26	2.27	2.34	2.15	
			dBA/LwA	77/88	76/87	76/87	76/87	76/87	76/87	76/87	75/86	74/85	73/84	

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M200HP - Belt Drive



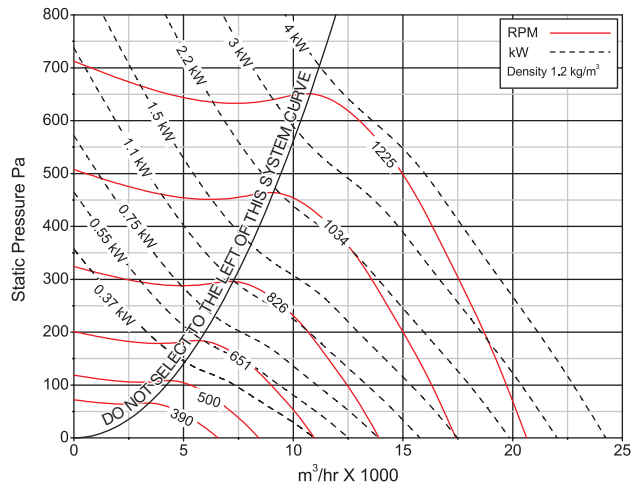
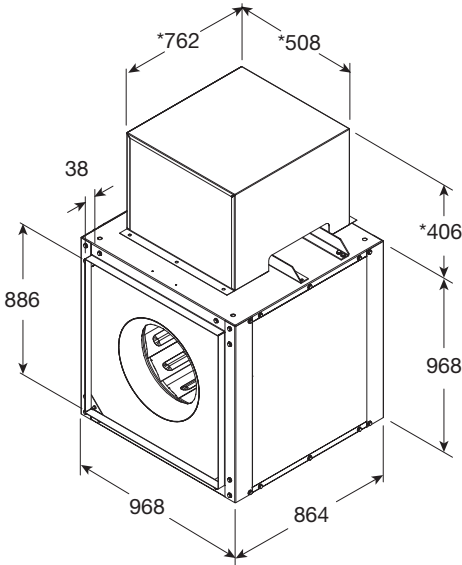
Damper size = 711 x 711 mm
 Unit weight** = 111 kg
 Housing thickness = 18 ga
 Dimensions shown in millimeters.
 *May be greater depending on motor.
 **Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 3 kW
 MAXIMUM FAN RPM = 1602
 MAX MOTOR FRAME SIZE = 100L

Model Number	Motor kW	Fan RPM	CMH / Static Pressure in Pa														
			100	150	200	250	300	350	450	550	650	750					
BSQ-M200HP-0.55	0.55	850	CMH	4647	4083	3045											
			kW	0.34	0.35	0.34											
			dBA/LwA	63/74	63/74	62/73											
		880	CMH	4881	4368	3602											
			kW	0.38	0.39	0.39											
			dBA/LwA	64/75	64/75	63/74											
		945	CMH	5384	4915	4358	3301										
			kW	0.46	0.48	0.48	0.45										
			dBA/LwA	66/77	66/77	66/77	63/74										
BSQ-M200HP-0.75	0.75	1009	CMH	5868	5435	4976	4343	2982									
			kW	0.56	0.57	0.59	0.58	0.52									
			dBA/LwA	68/79	68/79	68/79	67/78	64/75									
BSQ-M200HP-1.1	1.1	1111	CMH	6602	6237	5838	5401	4827	3704								
			kW	0.73	0.76	0.78	0.78	0.78	0.73								
			dBA/LwA	69/80	69/80	70/81	69/80	67/78	65/76								
		1191	CMH	7170	6850	6482	6106	5666	5066								
			kW	0.89	0.92	0.94	0.95	0.96	0.96								
			dBA/LwA	70/81	70/81	70/81	71/82	69/80	68/79								
BSQ-M200HP-1.5	1.5	1271	CMH	7732	7442	7110	6760	6409	5947	4434							
			kW	1.08	1.11	1.13	1.16	1.17	1.17	1.11							
			dBA/LwA	71/82	71/82	71/82	72/83	72/83	70/81	67/78							
		1335	CMH	8179	7902	7603	7275	6939	6563	5561							
			kW	1.25	1.28	1.30	1.33	1.34	1.36	1.35							
			dBA/LwA	72/83	72/83	72/83	72/83	73/84	72/83	69/80							
BSQ-M200HP-2.2	2.2	1399	CMH	8619	8359	8091	7778	7460	7124	6334	4795						
			kW	1.42	1.46	1.49	1.51	1.54	1.55	1.56	1.47						
			dBA/LwA	73/84	73/84	73/84	72/83	74/85	74/85	70/81	68/79						
		1467	CMH	9081	8840	8589	8305	8006	7685	7000	6042						
			kW	1.63	1.67	1.71	1.74	1.76	1.78	1.8	1.79						
			dBA/LwA	74/85	74/85	74/85	73/84	74/84	76/87	73/84	70/81						
BSQ-M200HP-3	3	1602	CMH	9992	9788	9557	9326	9057	8772	8213	7550	6664	4844				
			kW	2.1	2.16	2.19	2.24	2.26	2.29	2.33	2.35	2.33	2.12				
			dBA/LwA	76/87	76/87	76/87	76/87	76/87	76/87	76/87	74/85	73/84	72/83				

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M240 - Belt Drive



Damper size = 889 x 889 mm

Unit weight** = 159 kg

Housing thickness = 18 ga

Dimensions shown in millimeters.

*May be greater depending on motor.

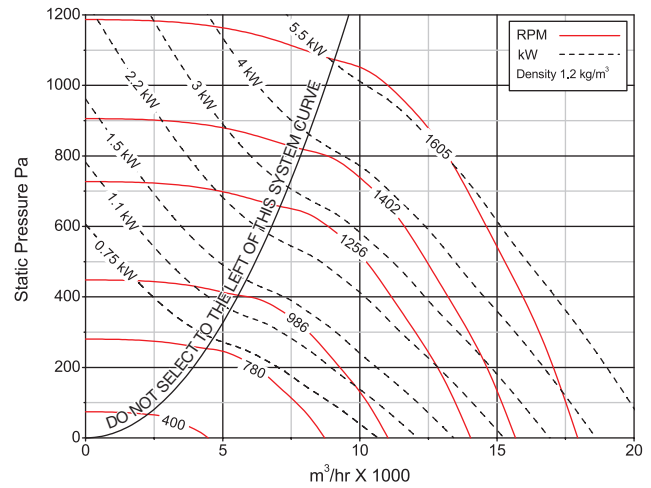
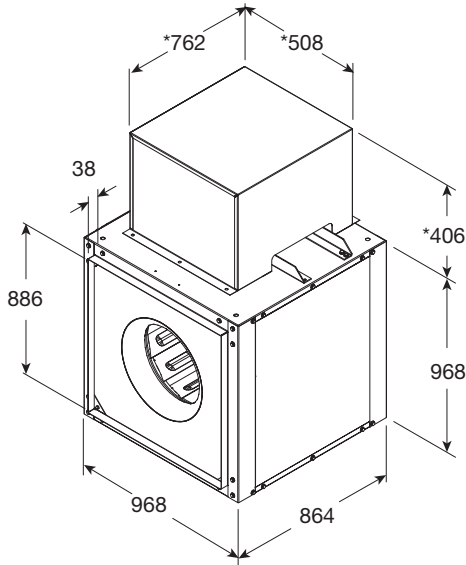
**Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 4 kW
 MAXIMUM FAN RPM = 1225
 MAX MOTOR FRAME SIZE = 132L

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa													
				20	40	60	80	150	250	350	450	550	650				
BSQ-M240-0.37	0.37	500	CMH	7967	7443	6872	6227										
			kW	0.24	0.25	0.26	0.26										
			dBA/LwA	62/73	62/73	61/72	60/71										
BSQ-M240-0.55	0.55	569	CMH	9183	8747	8276	7761										
			kW	0.35	0.37	0.37	0.39										
			dBA/LwA	64/75	64/75	63/74	63/74										
		651	CMH	10615	10260	9851	9436	7683									
			kW	0.51	0.53	0.54	0.56	0.58									
			dBA/LwA	66/77	66/77	66/77	65/76	64/75									
BSQ-M240-0.75	0.75	684	CMH	11188	10855	10473	10084	8510									
			kW	0.60	0.61	0.63	0.65	0.68									
			dBA/LwA	67/78	67/78	67/78	66/77	65/76									
		717	CMH	11759	11441	11088	10716	9290									
			kW	0.69	0.70	0.72	0.74	0.78									
			dBA/LwA	68/79	68/79	68/79	67/78	66/77									
BSQ-M240-1.1	1.1	826	CMH	13636	13361	13086	12766	11597	9521								
			kW	1.04	1.06	1.08	1.10	1.16	1.18								
			dBA/LwA	71/82	71/82	71/82	71/82	70/81	68/79								
BSQ-M240-1.5	1.5	903	CMH	14956	14705	14452	14187	13152	11479	8101							
			kW	1.35	1.37	1.40	1.42	1.50	1.56	1.42							
			dBA/LwA	73/84	73/84	73/84	73/84	73/84	71/82	69/80							
BSQ-M240-2.2	2.2	969	CMH	16086	15850	15616	15381	14430	12933	10938							
			kW	1.66	1.69	1.72	1.74	1.83	1.91	1.89							
			dBA/LwA	75/86	75/86	75/86	74/85	74/85	73/84	71/82							
		1034	CMH	17196	16975	16756	16535	15665	14307	12685	9815						
			kW	2.01	2.04	2.07	2.10	2.19	2.30	2.33	2.18						
			dBA/LwA	77/88	77/88	77/88	76/87	76/87	74/85	73/84	72/83						
BSQ-M240-3	3	1098	CMH	18286	18079	17872	17665	16866	15617	14216	12396						
			kW	2.41	2.44	2.47	2.51	2.60	2.72	2.80	2.76						
			dBA/LwA	79/90	79/90	79/90	78/89	78/89	76/87	74/85	74/85						
BSQ-M240-4	4	1225	CMH	20446	20261	20076	19889	19216	18130	16931	15689	14063	10813				
			kW	3.34	3.37	3.41	3.44	3.56	3.71	3.83	3.90	3.84	3.51				
			dBA/LwA	84/95	83/94	83/94	83/94	82/93	80/91	78/89	77/88	77/88	75/86				

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M240HP - Belt Drive



Damper size = 889 x 889 mm

Unit weight** = 159 kg

Housing thickness = 18 ga

Dimensions shown in millimeters.

*May be greater depending on motor.

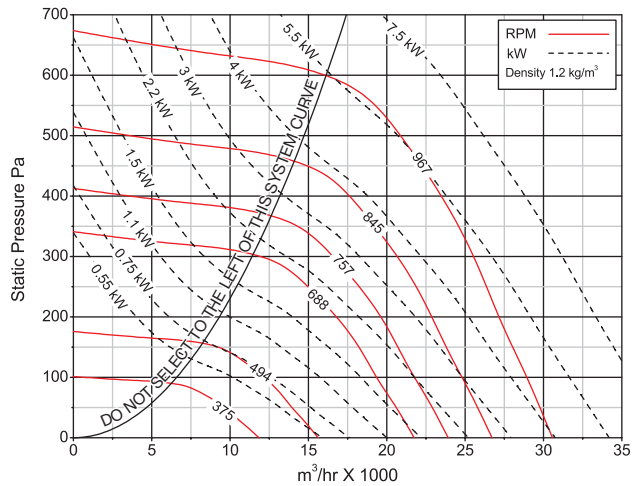
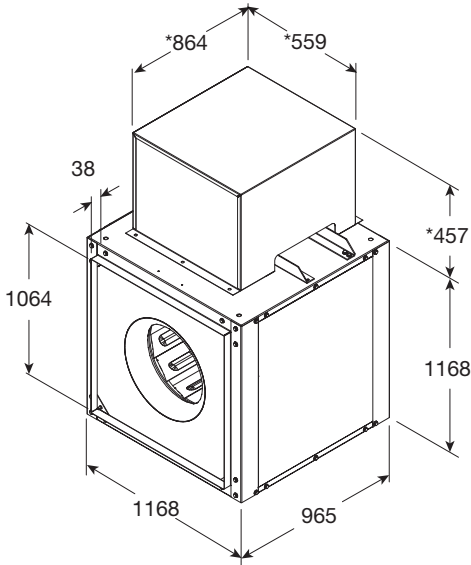
**Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 5.5 kW
 MAXIMUM FAN RPM = 1605
 MAX MOTOR FRAME SIZE = 132L

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa																			
				100	150	200	300	400	500	600	700	850	1000										
BSQ-M240HP-0.75	0.75	780	CMH	7666	6995	6212																	
			kW	0.64	0.66	0.67																	
			dBA/LwA	66/77	66/77	65/76																	
BSQ-M240HP-1.1	1.1	820	CMH	8182	7562	6872																	
			kW	0.74	0.77	0.78																	
			dBA/LwA	67/78	66/77	66/77																	
BSQ-M240HP-1.5	1.5	939	CMH	9688	9176	8621	7296																
			kW	1.08	1.12	1.16	1.16																
			dBA/LwA	70/81	69/80	68/79	68/79																
		986	CMH	10274	9786	9277	8138	5807															
			kW	1.25	1.28	1.32	1.36	1.24															
			dBA/LwA	71/82	70/81	69/80	69/80	68/79															
BSQ-M240HP-2.2	2.2	1033	CMH	10852	10388	9922	8854	7360															
			kW	1.42	1.46	1.51	1.56	1.53															
		1183	CMH	12617	12277	11871	11020	10050	8814														
			kW	2.08	2.15	2.20	2.29	2.34	2.31														
BSQ-M240HP-3	3	1256	CMH	13468	13181	12797	12029	11142	10218	8803													
			kW	2.47	2.56	2.61	2.71	2.79	2.80	2.73													
			dBA/LwA	77/88	76/87	75/86	74/85	73/84	73/84	73/84													
BSQ-M240HP-4	4	1329	CMH	14316	14044	13714	12991	12185	11338	10305	8794												
			kW	2.91	3.00	3.06	3.18	3.27	3.32	3.30	3.17												
			dBA/LwA	78/89	78/89	77/88	76/87	75/86	74/85	74/85	73/84												
		1402	CMH	15162	14904	14623	13937	13206	12428	11604	10486												
			kW	3.39	3.48	3.56	3.68	3.80	3.88	3.90	3.85												
			dBA/LwA	80/91	80/91	79/90	78/89	76/87	75/86	75/86	74/85												
BSQ-M240HP-5.5	5.5	1470	CMH	15945	15699	15454	14809	14137	13405	12637	11796	9844											
			kW	3.89	3.99	4.09	4.21	4.34	4.44	4.48	4.49	4.30											
			dBA/LwA	81/92	81/92	80/91	79/90	78/89	76/87	76/87	76/87	75/86											
		1605	CMH	17496	17270	17046	16513	15899	15286	14613	13912	12720	10960										
			kW	5.02	5.13	5.23	5.41	5.54	5.67	5.78	5.83	5.83	5.64										
			dBA/LwA	84/95	84/95	84/95	82/93	82/93	80/91	78/89	78/89	77/88	76/87										

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M300 - Belt Drive



Damper size = 1067 x 1067 mm

Unit weight** = 244 kg

Housing thickness = 16 ga

Dimensions shown in millimeters.

*May be greater depending on motor.

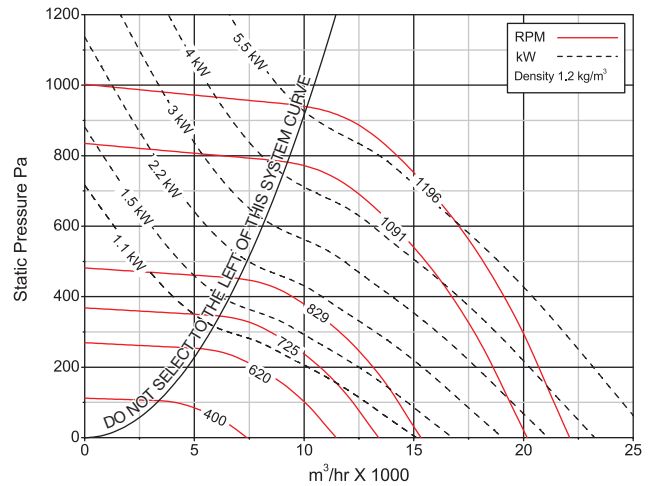
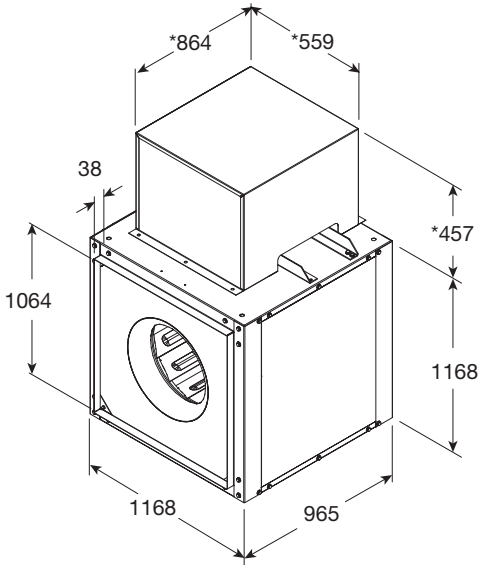
**Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 7.5 kW
 MAXIMUM FAN RPM = 967
 MAX MOTOR FRAME SIZE = 132L

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa										
				20	40	60	80	100	150	250	350	450	550	
BSQ-M300-0.55	0.55	410	CMH	12189	11371	10549	9482	8080						
			kW	0.42	0.43	0.44	0.45	0.43						
			dBA/LwA	60/71	60/71	60/71	59/70	59/70						
BSQ-M300-0.75	0.75	449	CMH	13497	12736	12036	11215	10169						
			kW	0.55	0.57	0.57	0.59	0.58						
			dBA/LwA	62/73	62/73	62/73	61/72	61/72						
BSQ-M300-1.1	1.1	494	CMH	14982	14304	13641	12982	12206	9187					
			kW	0.73	0.75	0.76	0.78	0.78	0.73					
			dBA/LwA	65/76	65/76	64/75	64/75	63/74	62/73					
BSQ-M300-1.5	1.5	566	CMH	17338	16768	16163	15595	15041	13195					
			kW	1.09	1.11	1.13	1.14	1.16	1.17					
			dBA/LwA	67/78	67/78	67/78	67/78	66/77	65/76					
BSQ-M300-2.2	2.2	623	CMH	19190	18689	18140	17590	17089	15682					
			kW	1.44	1.47	1.49	1.51	1.53	1.57					
			dBA/LwA	69/80	69/80	69/80	69/80	69/80	68/80					
		688	CMH	20646	20179	19680	19167	18672	17449	13859				
			kW	1.77	1.80	1.83	1.85	1.86	1.92	1.88				
			dBA/LwA	71/82	71/82	71/82	71/82	71/82	70/81	68/79				
BSQ-M300-3	3	713	CMH	22099	21661	21207	20726	20245	19143	16220				
			kW	2.15	2.18	2.21	2.24	2.25	2.31	2.33				
			dBA/LwA	73/84	73/84	73/84	73/84	72/83	72/83	70/81				
		757	CMH	23514	23101	22689	22235	21783	20716	18225	14056			
			kW	2.57	2.60	2.64	2.66	2.68	2.74	2.80	2.63			
			dBA/LwA	74/85	74/85	74/85	74/85	74/85	73/84	72/83	70/81			
BSQ-M300-4	4	845	CMH	26340	25969	25601	25220	24814	23805	21849	19185	14719		
			kW	3.56	3.60	3.65	3.68	3.71	3.77	3.88	3.89	3.56		
			dBA/LwA	76/87	76/87	76/87	76/87	76/87	76/87	75/86	74/85	72/83		
BSQ-M300-5.5	5.5	906	CMH	28292	27947	27602	27259	26889	25942	24189	21960	19039		
			kW	4.38	4.42	4.47	4.52	4.55	4.61	4.75	4.81	4.70		
			dBA/LwA	78/89	78/89	78/89	78/89	78/89	78/89	77/88	76/87	75/86		
BSQ-M300-7.5	7.5	967	CMH	30242	29920	29597	29274	28944	28059	26379	24515	22181	19177	
			kW	5.32	5.36	5.41	5.47	5.51	5.58	5.72	5.83	5.82	5.63	
			dBA/LwA	79/90	79/90	79/90	79/90	79/90	80/91	79/90	79/90	77/88	76/87	

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M300HP - Belt Drive



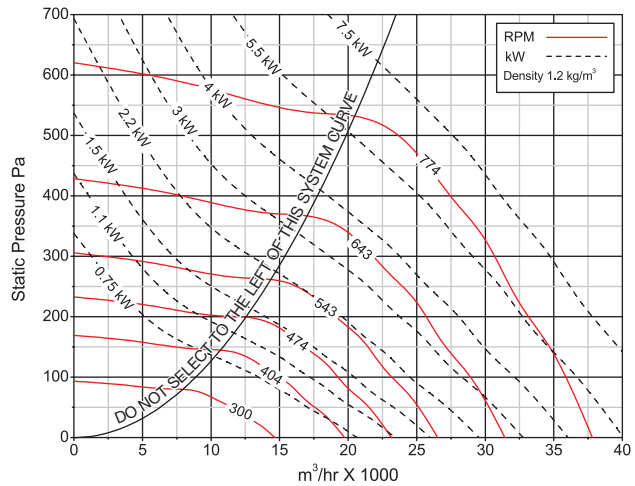
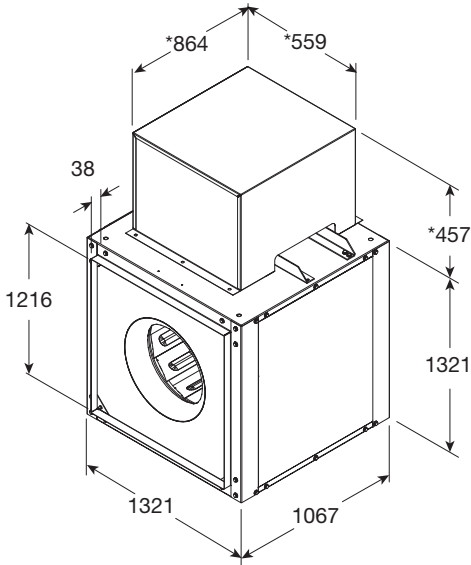
Damper size = 1067 x 1067 mm
 Unit weight** = 244 kg
 Housing thickness = 16 ga
 Dimensions shown in millimeters.
 *May be greater depending on motor.
 **Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 5.5 kW
 MAXIMUM FAN RPM = 1196
 MAX MOTOR FRAME SIZE = 132L

Model Number	Motor kW	Fan RPM	CMH / Static Pressure in Pa														
			100	150	200	300	400	500	600	700	800	900					
BSQ-M300HP-1.1	1.1	620	CMH	10029	9102	7831											
			kW	0.77	0.81	0.81											
			dBA/LwA	65/76	65/76	65/76											
BSQ-M300HP-1.5	1.5	694	CMH	11592	10845	9938	7110										
			kW	1.05	1.10	1.13	1.10										
			dBA/LwA	67/78	67/78	67/78	66/77										
		725	CMH	12229	11543	10728	8473										
			kW	1.19	1.24	1.28	1.30										
			dBA/LwA	68/79	68/79	68/79	67/78										
BSQ-M300HP-2.2	2.2	777	CMH	13269	12659	11956	10141										
			kW	1.44	1.50	1.55	1.60										
			dBA/LwA	70/81	70/81	70/81	69/80										
		829	CMH	14299	13759	13152	11609	9396									
			kW	1.72	1.80	1.86	1.94	1.92									
			dBA/LwA	72/83	72/83	72/83	71/82	70/81									
BSQ-M300HP-3	3	934	CMH	16355	15899	15398	14231	12736	10799								
			kW	2.41	2.51	2.59	2.71	2.79	2.76								
			dBA/LwA	75/86	75/86	75/86	75/86	74/85	74/85								
BSQ-M300HP-4	4	987	CMH	17383	16953	16509	15463	14163	12545	10412							
			kW	2.82	2.92	3.02	3.15	3.26	3.29	3.18							
			dBA/LwA	76/87	76/87	76/87	75/86	75/86	74/85	74/85							
		1039	CMH	18388	17979	17569	16620	15468	14105	12415							
			kW	3.27	3.37	3.47	3.64	3.77	3.84	3.83							
			dBA/LwA	77/88	76/87	76/87	76/87	75/86	75/86	75/86							
1091	CMH	19387	18998	18609	17736	16698	15510	14058	12248								
	kW	3.75	3.87	3.98	4.16	4.31	4.41	4.44	4.37								
	dBA/LwA	77/88	77/88	77/88	77/88	76/87	75/86	75/86	75/86								
BSQ-M300HP-5.5	5.5	1144	CMH	20403	20031	19661	18861	17930	16880	15617	14110	12223					
			kW	4.30	4.42	4.54	4.75	4.91	5.04	5.12	5.12	4.97					
			dBA/LwA	78/89	78/89	78/89	77/88	77/88	76/87	76/87	76/87	76/87	75/86				
		1196	CMH	21397	21042	20685	19951	19090	18115	17019	15736	14228	11586				
			kW	4.89	5.02	5.15	5.38	5.56	5.70	5.81	5.86	5.84	5.44				
			dBA/LwA	79/90	79/90	79/90	78/89	78/89	77/88	77/88	76/87	76/87	76/87				

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M360 - Belt Drive



Damper size = 1219 x 1219 mm

Unit weight** = 311 kg

Housing thickness = 16 ga

Dimensions shown in millimeters.

*May be greater depending on motor.

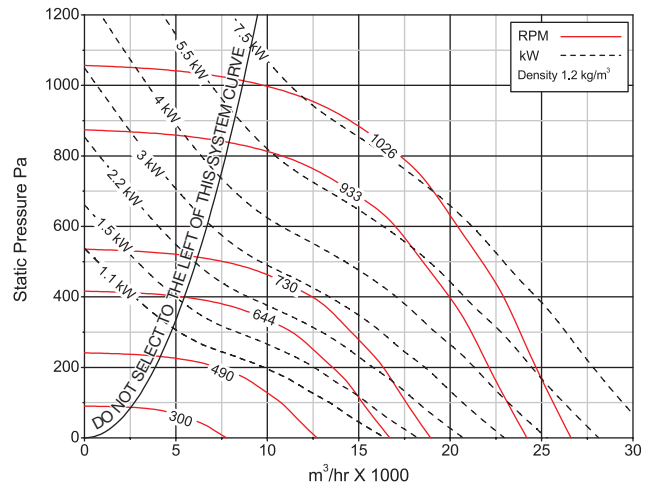
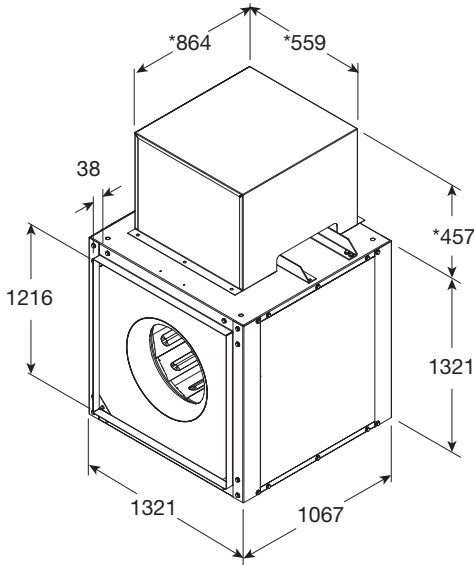
**Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 7.5 kW
 MAXIMUM FAN RPM = 811
 MAX MOTOR FRAME SIZE = 132L

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa											
				20	40	60	80	100	150	200	300	400	500		
BSQ-M360-0.75	0.75	320	CMH	14647	13322	12065	10403								
			kW	0.46	0.48	0.48	0.46								
			dBA/LwA	60/71	59/70	59/70	58/69								
BSQ-M360-1.1	1.1	376	CMH	17530	16569	15424	14375	12965							
			kW	0.74	0.76	0.78	0.78	0.76							
			dBA/LwA	62/73	62/73	62/73	62/73	61/72							
		404	CMH	18958	18147	17029	16096	14946							
			kW	0.91	0.95	0.95	0.96	0.96							
			dBA/LwA	63/74	63/74	63/74	63/74	63/74							
BSQ-M360-1.5	1.5	431	CMH	20327	19591	18602	17631	16791	13582						
			kW	1.10	1.14	1.16	1.16	1.17	1.12						
			dBA/LwA	65/76	65/76	65/76	64/75	64/75	64/75						
BSQ-M360-2.2	2.2	474	CMH	22495	21825	21058	20104	19267	16846						
			kW	1.46	1.50	1.53	1.54	1.55	1.54						
			dBA/LwA	67/78	67/78	67/78	67/78	67/78	66/77						
BSQ-M360-3	3	543	CMH	25951	25368	24783	24070	23237	21453	19143					
			kW	2.18	2.22	2.27	2.30	2.31	2.34	2.30					
			dBA/LwA	70/81	70/81	70/81	71/82	71/82	70/81	69/80					
BSQ-M360-4	4	643	CMH	30929	30436	29943	29449	28931	27174	25692	21858				
			kW	3.60	3.65	3.71	3.76	3.80	3.84	3.88	3.80				
			dBA/LwA	76/87	75/86	75/86	75/86	75/86	74/85	74/85	73/84				
BSQ-M360-5.5	5.5	690	CMH	33260	32799	32341	31880	31422	29904	28356	25208	20694			
			kW	4.44	4.50	4.56	4.61	4.66	4.73	4.77	4.77	4.49			
			dBA/LwA	77/88	76/87	76/87	76/87	76/87	76/87	76/87	76/87	75/86	74/85		
BSQ-M360-7.5	7.5	737	CMH	35586	35154	34724	34295	33865	32589	31056	28440	24751			
			kW	5.41	5.47	5.53	5.59	5.64	5.74	5.79	5.86	5.69			
			dBA/LwA	78/89	77/88	77/88	77/88	77/88	78/89	77/88	77/88	77/88	76/87		
		774	CMH	37414	37004	36595	36186	35776	34675	33216	30691	27420	23419		
			kW	6.26	6.32	6.38	6.44	6.50	6.64	6.68	6.78	6.69	6.36		
			dBA/LwA	78/89	78/89	78/89	78/89	78/89	79/90	79/90	78/89	77/88	77/88		

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft). dBA levels are not licensed by AMCA International.

BSQ M360HP - Belt Drive



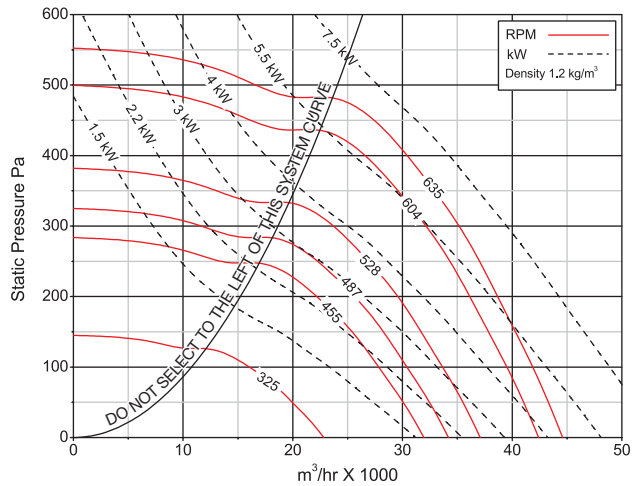
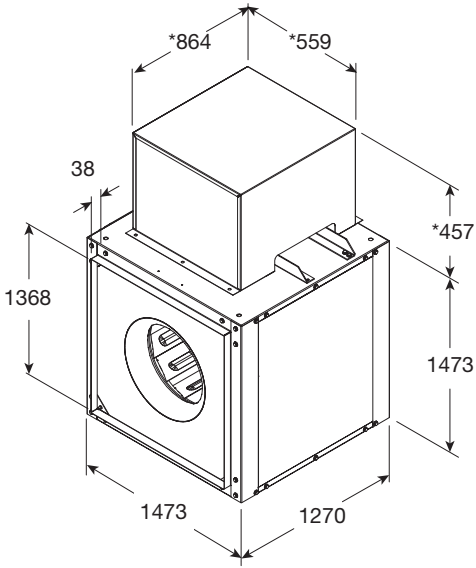
Damper size = 1219 x 1219 mm
 Unit weight** = 311 kg
 Housing thickness = 16 ga
 Dimensions shown in millimeters.
 *May be greater depending on motor.
 **Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 7.5 kW
 MAXIMUM FAN RPM = 1026
 MAX MOTOR FRAME SIZE = 132L

Model Number	Motor kW	Fan RPM	CMH / Static Pressure in Pa																				
			100	200	300	400	500	600	700	800	900	1000											
BSQ-M360HP-1.1	1.1	490	CMH	10738	7262																		
			kW	0.82	0.82																		
			dBA/LwA	66/77	65/76																		
BSQ-M360HP-1.5	1.5	545	CMH	12399	10058																		
			kW	1.10	1.16																		
			dBA/LwA	68/79	67/78																		
BSQ-M360HP-2.2	2.2	600	CMH	13971	12071	8886																	
			kW	1.43	1.54	1.51																	
			dBA/LwA	68/79	67/78	67/78																	
		644	CMH	15213	13597	11354																	
			kW	1.75	1.89	1.92																	
			dBA/LwA	69/80	68/79	67/78																	
BSQ-M360HP-3	3	687	CMH	16423	14994	13052	9780																
			kW	2.10	2.26	2.32	2.24																
			dBA/LwA	69/80	69/80	68/79	68/79																
		730	CMH	17620	16351	14615	12342	7503															
			kW	2.48	2.68	2.77	2.79	2.43															
			dBA/LwA	70/81	70/81	69/80	69/80	70/81															
BSQ-M360HP-4	4	815	CMH	19962	18805	17512	15833	13757	9837														
			kW	3.39	3.62	3.80	3.86	3.88	3.56														
			dBA/LwA	72/83	72/83	71/82	71/82	71/82	72/83														
BSQ-M360HP-5.5	5.5	874	CMH	21572	20478	19404	17925	16326	14097	10000													
			kW	4.14	4.41	4.62	4.74	4.79	4.75	4.32													
			dBA/LwA	74/85	73/84	73/84	73/84	72/83	72/83	74/85													
		933	CMH	23171	22142	21158	19928	18497	16965	14545	10571												
			kW	5.00	5.29	5.53	5.73	5.78	5.85	5.73	5.23												
			dBA/LwA	76/87	76/87	75/86	75/86	74/85	74/85	74/85	75/86												
BSQ-M360HP-7.5	7.5	980	CMH	24440	23460	22512	21445	20147	18737	17097	14448	10231											
			kW	5.76	6.06	6.33	6.55	6.68	6.73	6.77	6.57	5.91											
			dBA/LwA	77/88	78/89	76/87	76/87	76/87	75/86	76/87	76/87	76/87	77/88										
		1026	CMH	25677	24741	23824	22908	21727	20410	19024	17182	14467	9253										
			kW	6.58	6.90	7.19	7.44	7.64	7.68	7.76	7.73	7.47	6.25										
			dBA/LwA	79/90	80/91	78/89	77/88	78/89	77/88	77/88	77/88	77/88	78/89	79/90									

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

BSQ M420 - Belt Drive



Damper size = 1372 x 1372 mm

Unit weight** = 358 kg

Housing thickness = 16 ga

Dimensions shown in millimeters.

*May be greater depending on motor.

**Weight shown is largest cataloged Open Drip Proof motor.

MAX kW = 7.5 kW
 MAXIMUM FAN RPM = 670
 MAX MOTOR FRAME SIZE = 132L

Model Number	Motor kW	Fan RPM		CMH / Static Pressure in Pa											
				20	40	60	80	100	150	200	300	400	500		
BSQ-M420-1.5	1.5	349	CMH	23553	22444	21268	20048	18543							
			kW	1.03	1.07	1.10	1.13	1.13							
			dBA/LwA	59/70	58/69	57/68	56/67	55/66							
BSQ-M420-2.2	2.2	389	CMH	26460	25509	24493	23407	22311	18630						
			kW	1.41	1.46	1.50	1.53	1.56	1.54						
			dBA/LwA	63/74	63/74	62/73	61/72	60/71	58/69						
		417	CMH	28486	27628	26680	25701	24680	21667	16858					
			kW	1.73	1.78	1.83	1.86	1.89	1.92	1.80					
			dBA/LwA	66/77	66/77	65/76	65/76	64/75	62/73	60/71					
455	CMH	30502	29728	28841	27952	27001	24439	21029							
	kW	2.09	2.16	2.20	2.25	2.28	2.34	2.30							
	dBA/LwA	69/80	69/80	69/80	68/79	67/78	66/77	64/75							
BSQ-M420-3	3	487	CMH	33516	32830	32043	31233	30414	28227	25570					
			kW	2.73	2.80	2.86	2.91	2.96	3.04	3.06					
			dBA/LwA	71/82	71/82	71/82	70/81	70/81	68/79	67/78					
BSQ-M420-4	4	528	CMH	36451	35817	35136	34386	33639	31664	29592	23759				
			kW	3.46	3.54	3.61	3.67	3.73	3.83	3.91	3.81				
			dBA/LwA	73/84	73/84	73/84	72/83	72/83	71/82	70/81	68/79				
BSQ-M420-5.5	5.5	566	CMH	39161	38571	37976	37278	36580	34786	32905	28166				
			kW	4.25	4.33	4.42	4.48	4.54	4.68	4.77	4.79				
			dBA/LwA	75/86	75/86	74/85	74/85	74/85	73/84	73/84	71/82				
		604	CMH	41867	41313	40761	40144	39490	37854	36092	32069	26257			
			kW	5.15	5.24	5.33	5.41	5.47	5.64	5.74	5.85	5.63			
			dBA/LwA	77/88	77/88	76/87	76/87	76/87	75/86	75/86	74/85	73/84			
BSQ-M420-7.5	7.5	635	CMH	44072	43546	43019	42467	41845	40289	38651	35113	30261			
			kW	5.97	6.07	6.17	6.26	6.32	6.50	6.62	6.80	6.71			
			dBA/LwA	79/90	78/89	78/89	77/88	77/88	77/88	76/87	76/87	75/86			

Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating kW does not include transmission losses. The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for Inlet LwA sound power levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction for the outlet duct. dBA is an A-weighted sound pressure level based on 11.5 dB attenuation per octave band at 1.5 m (5.0 ft.). dBA levels are not licensed by AMCA International.

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