



5BDU10 Upblast Roof Fan

10" Belt Drive Upblast Roof Fan



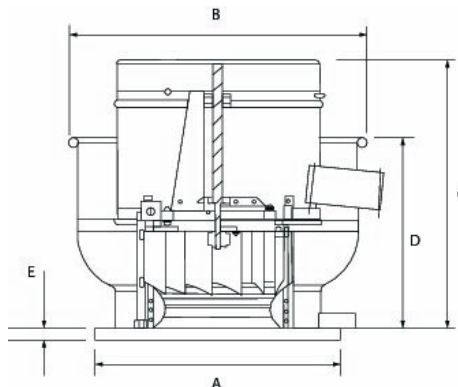
Systemair Mfg. Inc. certifies that the 5BDU series shown herein is licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

- All ventilators are UL 705 Standard listed
- Durable spun aluminum construction with steel support braces
- Inlet temperatures up to 170°F
- Backward inclined aluminum fan wheel
- Equipped with a built-in bird screen to protect discharge
- Externally cooled motor compartment

Dia. (In.)	HP	Open Drip proof	
		Single Phase	Three Phase
BDU 10 thru 15	1/4	BB	-
BDU 12 thru 15	1/3	CB	-
BDU 13 thru 30	1/2	DB	DX
BDU 15 thru 30	3/4	EB	EX
	1	FB	FX
BDU 18 thru 24	1-1/2	GB	GX
BDU 18 thru 24	2	-	HX
BDU 18 thru 24	3	-	JX
BDU 30 thru 36	5	-	KX

Recommended Roof Opening (In.)	
5BDU10	14-1/2 x 14-1/2
5BDU12	17-1/2 x 17-1/2
5BDU13	17-1/2 x 17-1/2
5BDU15	21-1/2 x 21-1/2
5BDU16	21-1/2 x 21-1/2
5BDU18	25-1/2 x 25-1/2
5BDU20	25-1/2 x 25-1/2
5BDU24	29-1/2 x 29-1/2
5BDU30	37-1/2 x 37-1/2
5BDU36	43-1/2 x 43-1/2

Dimensions



Model	A	B	C	D	E
5BDU 10	19	23 7/8	23 3/8	16 7/8	1 1/2

Dimensions are in inches.

Model	Rated Power (HP)	Voltage (V)	RPM (min ⁻¹)	0.0 "Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.50" Ps	0.625" Ps	0.75" Ps	0.875"Ps	1.00"Ps	1.25"Ps	1.5" Ps	1.75" Ps	Item #
				CFM												
				Sones BHP												
5BDU10BB-A	1/4	115/230	1674	1085	1037	986	929	865	795	712	-	-	-	-	-	46800
			1736	1125	1079	1030	977	917	851	777	685	-	-	-	-	
			1819	1179	1138	1089	1037	981	922	855	776	679	-	-	-	

Performance is certified is for installation type A: free inlet, free outlet.

Speed (RPM) shown is nominal. Performance is based on actual speed of test.

Performance ratings include the effects of bird screen.

Power rating (BHP) does not include transmission losses.

The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.

Values shown are for Installation Type A: free inlet hemispherical sone levels.



5BDU12 Upblast Roof Fan

12" Belt Drive Upblast Roof Fan



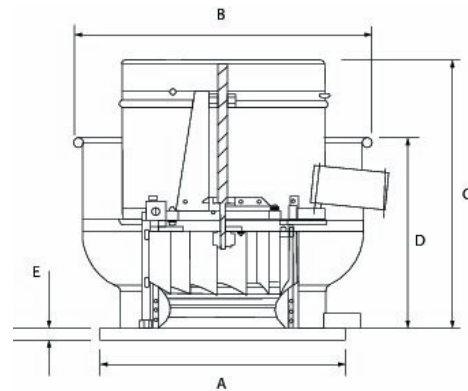
Systemair Mfg. Inc. certifies that the 5BDU series shown herein is licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

- All ventilators are UL 705 Standard listed
- Durable spun aluminum construction with steel support braces
- Inlet temperatures up to 170°F
- Backward inclined aluminum fan wheel
- Equipped with a built-in bird screen to protect discharge
- Externally cooled motor compartment

Dia. (In.)	HP	Open Drip proof	
		Single Phase	Three Phase
BDU 10 thru 15	1/4	BB	-
BDU 12 thru 15	1/3	CB	-
BDU 13 thru 30	1/2	DB	DX
BDU 15 thru 30	3/4	EB	EX
	1	FB	FX
BDU 18 thru 24	1-1/2	GB	GX
BDU 18 thru 24	2	-	HX
BDU 18 thru 24	3	-	JX
BDU 30 thru 36	5	-	KX

Recommended Roof Opening (In.)	
5BDU10	14-1/2 x 14-1/2
5BDU12	17-1/2 x 17-1/2
5BDU13	17-1/2 x 17-1/2
5BDU15	21-1/2 x 21-1/2
5BDU16	21-1/2 x 21-1/2
5BDU18	25-1/2 x 25-1/2
5BDU20	25-1/2 x 25-1/2
5BDU24	29-1/2 x 29-1/2
5BDU30	37-1/2 x 37-1/2
5BDU36	43-1/2 x 43-1/2

Dimensions



Model	A	B	C	D	E
5BDU 12	22	26 1/2	24 1/4	17 3/4	1 1/2

Dimensions are in inches.

Model	Rated Power (HP)	Voltage (V)	RPM (min ⁻¹)	0.0 "Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.50" Ps	0.625" Ps	0.75" Ps	0.875"Ps	1.00"Ps	1.25"Ps	1.5" Ps	1.75" Ps	Item #
				CFM												
				Sones BHP												
5BDU12BB-A	1/4	115/230	1345	1314	1250	1183	1108	1023	927	820	-	-	-	-	-	46801
			14.2 0.18	14.0 0.18	13.7 0.19	13.4 0.20	12.9 0.20	12.6 0.20	11.9 0.20	-	-	-	-	-		
			1394	1362	1300	1236	1166	1086	996	898	767	-	-	-	-	
			12.4 0.20	11.8 0.21	11.5 0.21	11.3 0.22	10.7 0.22	10.1 0.23	9.6 0.23	9.1 0.22	-	-	-	-		
5BDU12CB-A	1/3	115/230	1423	1390	1328	1266	1195	1121	1034	939	831	-	-	-	-	46802
			12.5 0.21	12.3 0.22	11.7 0.23	11.3 0.23	10.8 0.24	10.2 0.24	9.7 0.24	9.5 0.24	-	-	-	-		
			1480	1446	1388	1328	1264	1193	1113	1025	930	792	-	-	-	
			12.9 0.24	12.6 0.24	12.4 0.25	12.0 0.26	11.4 0.27	10.9 0.27	10.1 0.27	10.1 0.27	9.7 0.26	-	-	-		
5BDU12CB-A	1/3	115/230	1535	1499	1444	1386	1325	1259	1185	1102	1014	915	-	-	-	46802
			13.1 0.26	12.8 0.27	12.7 0.28	12.4 0.29	12.1 0.29	11.4 0.30	10.8 0.30	10.3 0.30	10.2 0.30	-	-	-		
			1566	1530	1473	1417	1358	1290	1223	1142	1060	961	-	-	-	
			13.1 0.28	13.1 0.29	12.7 0.30	12.7 0.31	12.3 0.31	11.7 0.32	11.0 0.32	10.3 0.32	10.3 0.32	-	-	-		

Performance is certified is for installation type A: free inlet, free outlet.

Speed (RPM) shown is nominal. Performance is based on actual speed of test.

Performance ratings include the effects of bird screen.

Power rating (BHP) does not include transmission losses.

The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.

Values shown are for Installation Type A: free inlet hemispherical sone levels.



5BDU13 Upblast Roof Fan

13" Belt Drive Upblast Roof Fan



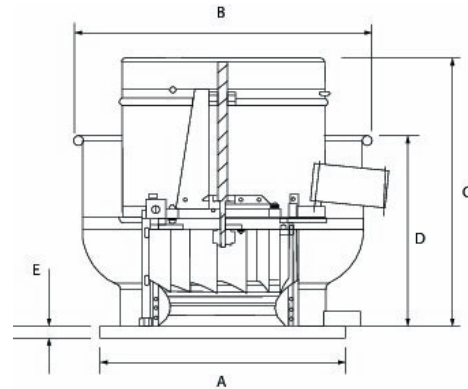
Systemair Mfg. Inc. certifies that the 5BDU series shown herein is licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

- All ventilators are UL 705 Standard listed
- Durable spun aluminum construction with steel support braces
- Inlet temperatures up to 170°F
- Backward inclined aluminum fan wheel
- Equipped with a built-in bird screen to protect discharge
- Externally cooled motor compartment

Dia. (In.)	HP	Open Drip proof	
		Single Phase	Three Phase
BDU 10 thru 15	1/4	BB	-
BDU 12 thru 15	1/3	CB	-
BDU 13 thru 30	1/2	DB	DX
BDU 15 thru 30	3/4	EB	EX
	1	FB	FX
BDU 18 thru 24	1-1/2	GB	GX
BDU 18 thru 24	2	-	HX
BDU 30 thru 36	3	-	JX
BDU 30 thru 36	5	-	KX

Recommended Roof Opening (In.)	
5BDU10	14-1/2 x 14-1/2
5BDU12	17-1/2 x 17-1/2
5BDU13	17-1/2 x 17-1/2
5BDU15	21-1/2 x 21-1/2
5BDU16	21-1/2 x 21-1/2
5BDU18	25-1/2 x 25-1/2
5BDU20	25-1/2 x 25-1/2
5BDU24	29-1/2 x 29-1/2
5BDU30	37-1/2 x 37-1/2
5BDU36	43-1/2 x 43-1/2

Dimensions



Model	A	B	C	D	E
5BDU 13	22	27 7/8	24 5/8	18 1/2	1 1/2

Dimensions are in inches.

Model	Rated Power (HP)	Voltage (V)	RPM (min ⁻¹)	0.0" Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.50" Ps	0.625" Ps	0.75" Ps	0.875" Ps	1.00" Ps	1.25" Ps	1.5" Ps	1.75" Ps	Item #
				CFM												
				Sones BHP												
5B8DU13BB-A	1/4	115/230	1124	1608	1509	1406	1296	1174	1025	-	-	-	-	-	-	46803
			1166	1668	1573	1474	1370	1256	1124	-	-	-	-	-	-	
			1210	1730	1638	1543	1443	1334	1216	1061	-	-	-	-	-	
5B8DU13CB-A	1/3	115/230	1256	1797	1708	1618	1523	1422	1311	1182	-	-	-	-	-	46804
			1295	1852	1767	1679	1588	1492	1387	1270	-	-	-	-	-	
			1330	1902	1818	1734	1643	1552	1449	1343	1201	-	-	-	-	
5B8DU13DB-A	1/2	115/230	1397	1998	1919	1838	1755	1668	1577	1478	1368	1233	-	-	-	46805
			1440	2060	1983	1905	1825	1741	1654	1560	1458	1341	-	-	-	
			1530	2188	2115	2042	1966	1888	1808	1723	1631	1538	-	-	-	

Performance is certified is for installation type A: free inlet, free outlet.

Speed (RPM) shown is nominal. Performance is based on actual speed of test.

Performance ratings include the effects of bird screen.

Power rating (BHP) does not include transmission losses.

The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.

Values shown are for Installation Type A: free inlet hemispherical sone levels.



5BDU15 Upblast Roof Fan

15" Belt Drive Upblast Roof Fan

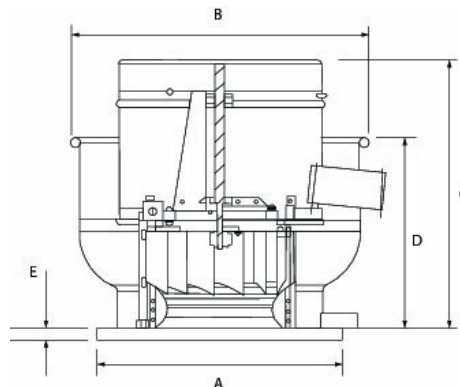


- All ventilators are UL 705 Standard listed
- Durable spun aluminum construction with steel support braces
- Inlet temperatures up to 170°F
- Backward inclined aluminum fan wheel
- Equipped with a built-in bird screen to protect discharge
- Externally cooled motor compartment

Dia. (In.)	HP	Open Drip proof	
		Single Phase	Three Phase
BDU 10 thru 15	1/4	BB	-
BDU 12 thru 15	1/3	CB	-
BDU 13 thru 30	1/2	DB	DX
BDU 15 thru 30	3/4	EB	EX
	1	FB	FX
BDU 18 thru 24	1-1/2	GB	GX
BDU 18 thru 24	2	-	HX
BDU 30 thru 36	3	-	JX
	5	-	KX

Recommended Roof Opening (In.)	
5BDU10	14-1/2 x 14-1/2
5BDU12	17-1/2 x 17-1/2
5BDU13	17-1/2 x 17-1/2
5BDU15	21-1/2 x 21-1/2
5BDU16	21-1/2 x 21-1/2
5BDU18	25-1/2 x 25-1/2
5BDU20	25-1/2 x 25-1/2
5BDU24	29-1/2 x 29-1/2
5BDU30	37-1/2 x 37-1/2
5BDU36	43-1/2 x 43-1/2

Dimensions



Model	A	B	C	D	E
5BDU 15	26	29 7/8	27 3/8	19 3/8	1 1/2

Dimensions are in inches.



5BDU15 Upblast Roof Fan

15" Belt Drive Upblast Roof Fan



Systemair Mfg. Inc. certifies that the 5BDU series shown herein is 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.

Model	Rated Power (HP)	Voltage (V)	RPM (min ⁻¹)	0.0 "Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.50" Ps	0.625" Ps	0.75" Ps	0.875"Ps	1.00"Ps	1.25"Ps	1.5" Ps	1.75" Ps	Item #
				CFM												
				Sones BHP												
5BDU15BB-A	1/4	115/230	944	1782	1664	1535	1387	1203	529	-	-	-	-	-	-	46807
			10.6 0.17	10.6 0.18	10.2 0.18	9.9 0.19	9.2 0.19	8.0 0.12	-	-	-	-	-	-		
			979	1848	1735	1612	1473	1308	1055	-	-	-	-	-	-	
			11.2 0.19	10.9 0.20	10.8 0.21	10.1 0.21	9.8 0.21	9.1 0.20	-	-	-	-	-	-		
5BDU15CB-A	1/3	115/230	1033	1950	1840	1727	1599	1450	1258	568	-	-	-	-	-	46808
			11.8 0.22	11.5 0.23	11.5 0.24	10.8 0.25	10.5 0.25	9.9 0.25	8.6 0.16	-	-	-	-	-		
			1068	2016	1912	1803	1682	1546	1384	1133	-	-	-	-	-	
			12.3 0.24	11.9 0.25	11.7 0.26	11.4 0.27	10.8 0.27	10.5 0.27	9.9 0.26	-	-	-	-	-		
5BDU15DB-A	1/2	115/230	1093	2063	1962	1856	1739	1609	1458	1248	-	-	-	-	-	46809
			12.4 0.26	12.1 0.27	11.8 0.28	11.7 0.29	11.3 0.29	10.8 0.29	10.1 0.29	-	-	-	-	-		
			1136	2145	2045	1945	1832	1713	1571	1393	1070	-	-	-	-	
			13.1 0.29	12.8 0.30	12.5 0.31	12.3 0.32	12.0 0.33	11.4 0.33	10.8 0.33	10.2 0.30	-	-	-	-		
5BDU15DX-A	1/2	208-230/460	1185	2237	2144	2047	1944	1831	1706	1561	1366	587	-	-	-	46810
			13.8 0.33	13.6 0.34	13.3 0.35	13.1 0.36	12.4 0.37	12.1 0.38	11.9 0.37	11.3 0.37	9.7 0.23	-	-	-		
			1222	2307	2217	2124	2024	1916	1799	1667	1503	1241	-	-	-	
			14.5 0.36	14.2 0.38	13.6 0.39	13.5 0.40	13.2 0.41	12.9 0.41	12.3 0.41	12.0 0.41	11.4 0.39	-	-	-		
5BDU15EB-A	3/4	115/230	1301	2456	2369	2282	2193	2091	1989	1868	1745	1572	-	-	-	46811
			15.4 0.44	15.4 0.45	15.1 0.47	14.9 0.48	14.4 0.49	14.1 0.49	13.8 0.50	13.2 0.50	12.9 0.49	-	-	-		
			1185	2237	2144	2047	1944	1831	1706	1561	1366	587	-	-	-	
			13.8 0.33	13.6 0.34	13.3 0.35	13.1 0.36	12.4 0.37	12.1 0.38	11.9 0.37	11.3 0.37	9.7 0.23	-	-	-		
5BDU15EX-A	3/4	208-230/460	1222	2307	2217	2124	2024	1916	1799	1667	1503	1241	-	-	-	46812
			14.5 0.36	14.2 0.38	13.6 0.39	13.5 0.40	13.2 0.41	12.9 0.41	12.3 0.41	12.0 0.41	11.4 0.39	-	-	-		
			1301	2456	2369	2282	2193	2091	1989	1868	1745	1572	-	-	-	
			15.4 0.44	15.4 0.45	15.1 0.47	14.9 0.48	14.4 0.49	14.1 0.49	13.8 0.50	13.2 0.50	12.9 0.49	-	-	-		
5BDU15EX-A	3/4	208-230/460	1353	2554	2473	2390	2303	2211	2112	2006	1891	1757	905	-	-	46811
			16.2 0.49	16.2 0.51	16.1 0.52	15.5 0.53	15.2 0.54	15.0 0.55	14.9 0.56	14.2 0.56	14.0 0.56	11.6 0.39	-	-		
			1403	2649	2570	2490	2408	2320	2227	2127	2021	1902	1578	-	-	
			17.1 0.55	16.7 0.56	16.5 0.58	16.5 0.59	16.3 0.60	15.7 0.61	15.4 0.62	15.2 0.62	14.9 0.62	13.5 0.60	-	-		
5BDU15EX-A	3/4	208-230/460	1489	2811	2735	2659	2582	2503	2414	2325	2231	2123	1875	1412	-	46812
			18.1 0.66	17.9 0.67	17.8 0.69	17.7 0.70	17.1 0.72	16.9 0.73	16.5 0.74	16.4 0.74	15.7 0.74	15.0 0.74	13.9 0.68	-		
			1353	2554	2473	2390	2303	2211	2112	2006	1891	1757	905	-	-	
			16.2 0.49	16.2 0.51	16.1 0.52	15.5 0.53	15.2 0.54	15.0 0.55	14.9 0.56	14.2 0.56	14.0 0.56	11.6 0.39	-	-		
5BDU15EX-A	3/4	208-230/460	1403	2649	2570	2490	2408	2320	2227	2127	2021	1902	1578	-	-	46812
			17.1 0.55	16.7 0.56	16.5 0.58	16.5 0.59	16.3 0.60	15.7 0.61	15.4 0.62	15.2 0.62	14.9 0.62	13.5 0.60	-	-		
			1489	2811	2735	2659	2582	2503	2414	2325	2231	2123	1875	1412	-	
			18.1 0.66	17.9 0.67	17.8 0.69	17.7 0.70	17.1 0.72	16.9 0.73	16.5 0.74	16.4 0.74	15.7 0.74	15.0 0.74	13.9 0.68	-		

Performance is certified is for installation type A: free inlet, free outlet.

Speed (RPM) shown is nominal. Performance is based on actual speed of test.

Performance ratings include the effects of bird screen.

Power rating (BHP) does not include transmission losses.

The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.

Values shown are for Installation Type A: free inlet hemispherical sone levels.



5BDU15 Upblast Roof Fan

15" Belt Drive Upblast Roof Fan



Systemair Mfg. Inc. certifies that the 5BDU series shown herein is 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.

Model	Max Power (W)	Voltage (V)	Nominal Impeller Speed (min ⁻¹)	0.0" Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.5 " Ps	0.625" Ps	0.75" Ps	0.875" Ps	1.00" Ps	1.25" Ps	1.50" Ps	1.75" Ps	Item #
				CFM												
				FEI Sones												
5BDU15FB-A	583	115/230	1185	2332	2232	2133	2021	1904	1776	1645	1473	809	-	-	-	46813
				0.59	0.70	0.79	0.87	0.93	0.99	1.03	1.04	0.78	-	-	-	
	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	1080		1573	3127	3048	2969	2891	2811	2719	2626	2533	2431	2216	1964	1216	
0.40		0.49		0.57	0.64	0.70	0.76	0.81	0.86	0.89	0.96	1.00	0.94			
20.0		20.0		20.0	19.2	19.1	18.9	18.8	18.4	18.2	17.4	16.7	16.4			

Performance is certified is for installation type A & C: Free or ducted inlet, Free outlet.

Speed (RPM) shown is nominal. Performance is based on actual speed of test. Power ratings includes transmission losses.

Performance ratings include the effects of bird screen.

The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.

Values shown are for Installation Type A & C: free inlet hemispherical sone levels.

Model	Rated Power	Voltage	RPM	CFM FEI Sones BHP												Item #
	(HP)	(V)	(min ⁻¹)	0.0 "Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.50" Ps	0.625" Ps	0.75" Ps	0.875"Ps	1.00"Ps	1.25"Ps	1.5" Ps	1.75" Ps	
5BDU15FX-A	1	208-230/460	1542	2911	2840	2767	2693	2617	2536	2451	2361	2266	2051	1750	-	46814
				0.53	0.64	0.74	0.82	0.90	0.97	1.04	1.09	1.14	1.23	1.26	-	
				18.7 0.73	18.6 0.74	18.2 0.76	18.1 0.78	18.0 0.79	17.9 0.80	17.1 0.81	17.0 0.82	16.7 0.83	15.8 0.82	15.2 0.80	-	
			1590	3002	2932	2862	2791	2717	2640	2559	2474	2384	2186	1933	971	
				0.50	0.61	0.70	0.78	0.86	0.92	0.98	1.04	1.10	1.17	1.23	1.15	
				19.0 0.80	19.0 0.81	18.9 0.83	18.7 0.85	18.5 0.86	18.2 0.88	18.1 0.89	17.5 0.90	17.3 0.90	17.0 0.91	16.1 0.89	14.4 0.61	
			1639	3094	3025	2956	2886	2817	2743	2662	2582	2501	2307	2081	1727	
				0.47	0.57	0.66	0.74	0.81	0.88	0.94	0.99	1.06	1.13	1.19	1.18	
				20.0 0.87	20.0 0.89	20.0 0.91	19.2 0.93	19.1 0.94	18.9 0.96	18.8 0.97	18.4 0.98	18.2 0.97	17.4 0.99	16.7 0.98	16.4 0.95	

Performance is certified is for installation type A & C: Free or ducted inlet, Free outlet.

Speed (RPM) shown is nominal. Performance is based on actual speed of test. Power ratings includes transmission losses.

Performance ratings include the effects of bird screen.

The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.

Values shown are for Installation Type A & C: free inlet hemispherical sone levels.



5BDU16 Upblast Roof Fan

16" Belt Drive Upblast Roof Fan

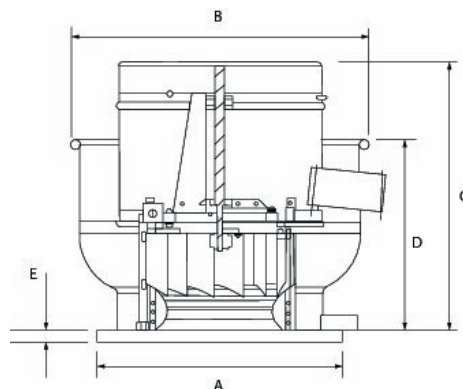


- All ventilators are UL 705 Standard listed
- Durable spun aluminum construction with steel support braces
- Inlet temperatures up to 170°F
- Backward inclined aluminum fan wheel
- Equipped with a built-in bird screen to protect discharge
- Externally cooled motor compartment

Dia. (In.)	HP	Open Drip proof	
		Single Phase	Three Phase
BDU 10 thru 15	1/4	BB	-
BDU 12 thru 15	1/3	CB	-
BDU 13 thru 30	1/2	DB	DX
BDU 15 thru 30	3/4	EB	EX
	1	FB	FX
BDU 18 thru 24	1-1/2	GB	GX
BDU 18 thru 24	2	-	HX
BDU 30 thru 36	3	-	JX
	5	-	KX

Recommended Roof Opening (In.)	
5BDU10	14-1/2 x 14-1/2
5BDU12	17-1/2 x 17-1/2
5BDU13	17-1/2 x 17-1/2
5BDU15	21-1/2 x 21-1/2
5BDU16	21-1/2 x 21-1/2
5BDU18	25-1/2 x 25-1/2
5BDU20	25-1/2 x 25-1/2
5BDU24	29-1/2 x 29-1/2
5BDU30	37-1/2 x 37-1/2
5BDU36	43-1/2 x 43-1/2

Dimensions



Model	A	B	C	D	E
5BDU 16	26	31 3/4	27 3/4	20 1/8	1 1/2

Dimensions are in inches.



5BDU16 Upblast Roof Fan

16" Belt Drive Upblast Roof Fan



Systemair Mfg. Inc. certifies that the 5BDU series shown herein is 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.

Model	Rated Power (HP)	Voltage (V)	RPM (min ⁻¹)	0.0"Ps	0.125"Ps	0.25"Ps	0.375"Ps	0.50"Ps	0.625"Ps	0.75"Ps	0.875"Ps	1.00"Ps	1.25"Ps	1.5"Ps	1.75"Ps	Item #
				CFM												
				Sones BHP												
5BDU16DB-A	1/2	115/230	1004	2635	2501	2362	2215	2062	1897	1670	-	-	-	-	-	46816
				12.9 0.34	12.2 0.35	11.8 0.36	11.4 0.37	10.8 0.37	10.2 0.38	9.7 0.37	-	-	-	-	-	
			1041	2732	2603	2470	2329	2183	2030	1843	-	-	-	-	-	
				13.6 0.37	13.3 0.38	12.5 0.39	12.1 0.40	11.5 0.41	10.7 0.42	10.3 0.42	-	-	-	-	-	
5BDU16DX-A	1/2	208-230/460	1100	2887	2762	2637	2507	2370	2226	2077	1847	1529	-	-	-	46817
				15.7 0.44	14.7 0.45	14.2 0.46	13.5 0.47	12.8 0.48	12.0 0.49	11.8 0.50	11.4 0.49	9.8 0.47	-	-	-	
			1004	2635	2501	2362	2215	2062	1897	1670	-	-	-	-	-	
				12.9 0.34	12.2 0.35	11.8 0.36	11.4 0.37	10.8 0.37	10.2 0.38	9.7 0.37	-	-	-	-	-	
5BDU16EB-A	3/4	115/230	1041	2732	2603	2470	2329	2183	2030	1843	-	-	-	-	-	46818
				13.6 0.37	13.3 0.38	12.5 0.39	12.1 0.40	11.5 0.41	10.7 0.42	10.3 0.42	-	-	-	-	-	
			1100	2887	2762	2637	2507	2370	2226	2077	1847	1529	-	-	-	
				15.7 0.44	14.7 0.45	14.2 0.46	13.5 0.47	12.8 0.48	12.0 0.49	11.8 0.50	11.4 0.49	9.8 0.47	-	-	-	
5BDU16EX-A	3/4	208-230/460	1147	3010	2893	2773	2649	2519	2385	2247	2085	1864	-	-	-	46819
				15.8 0.50	15.5 0.51	14.5 0.52	14.3 0.53	13.6 0.55	12.8 0.56	12.5 0.56	11.8 0.56	11.0 0.55	-	-	-	
			1260	3307	3198	3089	2980	2864	2744	2623	2492	2360	-	-	-	
				18.2 0.66	17.7 0.68	17.4 0.69	17.2 0.70	16.2 0.71	15.7 0.72	15.3 0.74	14.9 0.74	14.2 0.75	-	-	-	
5BDU16EX-A	3/4	208-230/460	1171	3073	2958	2841	2721	2594	2463	2329	2180	1986	-	-	-	46819
				16.7 0.53	15.7 0.54	15.3 0.56	14.6 0.57	14.3 0.58	13.6 0.59	12.8 0.60	12.4 0.60	11.7 0.59	-	-	-	
			1147	3010	2893	2773	2649	2519	2385	2247	2085	1864	-	-	-	
				15.8 0.50	15.5 0.51	14.5 0.52	14.3 0.53	13.6 0.55	12.8 0.56	12.5 0.56	11.8 0.56	11.0 0.55	-	-	-	
5BDU16EX-A	3/4	208-230/460	1260	3307	3198	3089	2980	2864	2744	2623	2492	2360	-	-	-	46819
				18.2 0.66	17.7 0.68	17.4 0.69	17.2 0.70	16.2 0.71	15.7 0.72	15.3 0.74	14.9 0.74	14.2 0.75	-	-	-	
			1171	3073	2958	2841	2721	2594	2463	2329	2180	1986	-	-	-	
				16.7 0.53	15.7 0.54	15.3 0.56	14.6 0.57	14.3 0.58	13.6 0.59	12.8 0.60	12.4 0.60	11.7 0.59	-	-	-	

Performance is certified is for installation type A: free inlet, free outlet.

Speed (RPM) shown is nominal. Performance is based on actual speed of test.

Performance ratings include the effects of bird screen.

Power rating (BHP) does not include transmission losses.

The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.

Values shown are for Installation Type A: free inlet hemispherical sone levels.



5BDU16 Upblast Roof Fan

16" Belt Drive Upblast Roof Fan



Systemair Mfg. Inc. certifies that the 5BDU series shown herein is 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.

Model	Max Power (W)	Voltage (V)	Nominal Impeller Speed (min ⁻¹)	0.0" Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.5" Ps	0.625" Ps	0.75" Ps	0.875" Ps	1.00" Ps	1.25" Ps	1.50" Ps	1.75" Ps	Item #	
				CFM													
				FEI													
Sones																	
5BDU16FB-A	560	115/230	994	2513	2383	2251	2104	1949	1781	1543	458	-	-	-	-	46820	
				0.63	0.75	0.84	0.92	0.98	1.03	1.03	0.70	-	-	-	-		
	1188		1397	3593	3499	3405	3311	3213	3104	2994	2885	2764	2519	2172	814		
				0.41	0.50	0.58	0.65	0.71	0.77	0.83	0.87	0.91	0.97	1.00	0.82		
				21.0	21.0	21.0	19.8	19.6	19.6	18.6	18.4	17.4	-	-	-		

Performance is certified for installation type A & C: Free or ducted inlet, Free outlet.
Speed (RPM) shown is nominal. Performance is based on actual speed of test. Power ratings includes transmission losses.
Performance ratings include the effects of bird screen.
The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.
Values shown are for Installation Type A & C: free inlet hemispherical sone levels.

Model	Rated Power (HP)	Voltage (V)	RPM (min ⁻¹)	0.0" Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.50" Ps	0.625" Ps	0.75" Ps	0.875" Ps	1.00"Ps	1.25"Ps	1.5" Ps	1.75" Ps	Item #	
				CFM FEI													
				Sones BHP													
5BDU16FX-A	1	208-230/460	1293	3394	3290	3184	3077	2965	2850	2731	2611	2483	-	-	-	46821	
				0.60	0.73	0.84	0.93	1.02	1.10	1.16	1.21	1.25	-	-	-		
				19.1 0.72	18.6 0.73	17.9 0.74	17.3 0.76	17.2 0.77	16.3 0.78	15.6 0.79	15.2 0.80	15.0 0.81	-	-	-		
			1333	3499	3398	3296	3192	3085	2973	2859	2744	2624	2331	-	-		46821
				0.57	0.69	0.80	0.89	0.97	1.05	1.11	1.17	1.21	1.27	-	-		
				19.6 0.79	19.2 0.80	18.8 0.81	18.4 0.83	17.8 0.84	17.4 0.85	16.6 0.86	16.3 0.87	15.9 0.88	15.5 0.88	-	-		
			1400	3674	3576	3478	3380	3282	3175	3068	2961	2844	-	-	-		46821
				0.52	0.63	0.73	0.82	0.89	0.97	1.03	1.09	1.12	-	-	-		
				21.0 0.91	21.0 0.92	21.0 0.94	19.8 0.95	19.6 0.97	19.6 0.98	18.6 0.99	18.4 1.00	17.4 1.02	-	-	-		

Performance is certified for installation type A & C: Free or ducted inlet, Free outlet.
Speed (RPM) shown is nominal. Performance is based on actual speed of test. Power ratings includes transmission losses.
Performance ratings include the effects of bird screen.
The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.
Values shown are for Installation Type A & C: free inlet hemispherical sone levels.



5BDU18 Upblast Roof Fan

18" Belt Drive Upblast Roof Fan

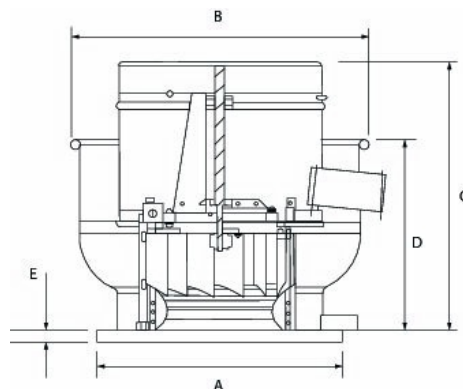


- All ventilators are UL 705 Standard listed
- Durable spun aluminum construction with steel support braces
- Inlet temperatures up to 170°F
- Backward inclined aluminum fan wheel
- Equipped with a built-in bird screen to protect discharge
- Externally cooled motor compartment

Dia. (In.)	HP	Open Drip proof	
		Single Phase	Three Phase
BDU 10 thru 15	1/4	BB	-
BDU 12 thru 15	1/3	CB	-
BDU 13 thru 30	1/2	DB	DX
BDU 15 thru 30	3/4	EB	EX
	1	FB	FX
BDU 18 thru 24	1-1/2	GB	GX
BDU 18 thru 24	2	-	HX
BDU 30 thru 36	3	-	JX
	5	-	KX

Recommended Roof Opening (In.)	
5BDU10	14-1/2 x 14-1/2
5BDU12	17-1/2 x 17-1/2
5BDU13	17-1/2 x 17-1/2
5BDU15	21-1/2 x 21-1/2
5BDU16	21-1/2 x 21-1/2
5BDU18	25-1/2 x 25-1/2
5BDU20	25-1/2 x 25-1/2
5BDU24	29-1/2 x 29-1/2
5BDU30	37-1/2 x 37-1/2
5BDU36	43-1/2 x 43-1/2

Dimensions



Model	A	B	C	D	E
5BDU 18	30	34	29 7/8	21 1/8	1 1/2

Dimensions are in inches.



5BDU18 Upblast Roof Fan

18" Belt Drive Upblast Roof Fan



Systemair Mfg. Inc. certifies that the 5BDU series shown herein is 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.

Model	Rated Power (HP)	Voltage (V)	RPM (min ⁻¹)	0.0" Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.50" Ps	0.625" Ps	0.75" Ps	0.875"Ps	1.00"Ps	1.25"Ps	1.5" Ps	1.75" Ps	Item #
				CFM												
				Sones BHP												
5BDU18DB-A	1/2	115/230	855	2916	2762	2596	2406	2197	1960	-	-	-	-	-	-	46823
				10.5 0.32	10.4 0.34	10.2 0.35	9.8 0.36	9.1 0.37	8.8 0.37	-	-	-	-	-	-	
			886	3021	2873	2715	2536	2338	2121	-	-	-	-	-	-	
				11.1 0.36	10.8 0.37	10.6 0.39	10.2 0.40	9.6 0.41	9.3 0.41	-	-	-	-	-	-	
			928	3164	3020	2873	2701	2523	2321	2070	1589	-	-	-	-	
				11.7 0.41	11.5 0.43	11.6 0.44	11.2 0.46	10.5 0.47	10.1 0.47	9.8 0.47	9.0 0.43	-	-	-	-	
5BDU18DX-A	1/2	208-230/460	855	2916	2762	2596	2406	2197	1960	-	-	-	-	-	-	46824
				10.5 0.32	10.4 0.34	10.2 0.35	9.8 0.36	9.1 0.37	8.8 0.37	-	-	-	-	-		
			886	3021	2873	2715	2536	2338	2121	-	-	-	-	-	-	
				11.1 0.36	10.8 0.37	10.6 0.39	10.2 0.40	9.6 0.41	9.3 0.41	-	-	-	-	-	-	
			928	3164	3020	2873	2701	2523	2321	2070	1589	-	-	-	-	
				11.7 0.41	11.5 0.43	11.6 0.44	11.2 0.46	10.5 0.47	10.1 0.47	9.8 0.47	9.0 0.43	-	-	-	-	
5BDU18EB-A	3/4	115/230	992	3383	3251	3114	2964	2798	2620	2429	2209	-	-	-	-	46825
				13.0 0.50	13.1 0.52	12.8 0.54	12.4 0.55	12.1 0.56	11.5 0.57	11.0 0.57	10.8 0.57	-	-	-	-	
			1021	3482	3354	3221	3078	2920	2749	2568	2368	-	-	-	-	
				13.8 0.55	13.8 0.56	13.5 0.58	13.3 0.60	12.8 0.61	12.3 0.62	11.6 0.63	11.4 0.62	-	-	-	-	
			1062	3621	3496	3368	3233	3080	2926	2753	2577	2335	-	-	-	-
				14.8 0.61	14.5 0.63	14.3 0.65	14.1 0.67	13.9 0.69	13.3 0.70	12.8 0.70	12.6 0.70	11.9 0.70	-	-	-	-

Performance is certified is for installation type A: free inlet, free outlet.
Speed (RPM) shown is nominal. Performance is based on actual speed of test.
Performance ratings include the effects of bird screen.
Power rating (BHP) does not include transmission losses.
The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.
Values shown are for Installation Type A: free inlet hemispherical sone levels.



5BDU18 Upblast Roof Fan

18" Belt Drive Upblast Roof Fan



Systemair Mfg. Inc. certifies that the 5BDU series shown herein is 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.

Model	Max Power (W)	Voltage (V)	Nominal Impeller Speed (min ⁻¹)	0.0" Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.5 " Ps	0.625" Ps	0.75" Ps	0.875" Ps	1.00" Ps	1.25" Ps	1.50" Ps	1.75" Ps	Item #	
				CFM													
				FEI Sones													
5BDU18FB-A	579	115/230	842	2931	2746	2554	2350	2144	1855	807	-	-	-	-	-	46827	
				0.70	0.82	0.91	0.98	1.03	1.04	0.80	-	-	-	-	-		
	1067		1134	3972	3840	3709	3577	3435	3292	3132	2916	2703	2149	-	-		
				0.50	0.60	0.69	0.77	0.84	0.89	0.94	0.98	1.02	1.02	-	-		
5BDU18GB-A	734	115/230	992	3477	3328	3178	3008	2828	2630	2425	2181	1359	-	-	-	46829	
				0.63	0.76	0.86	0.95	1.01	1.07	1.11	1.12	1.01	-	-	-		
	1332		1276	4494	4372	4250	4127	4001	3866	3731	3597	3436	3110	2737	1077		
				0.44	0.53	0.62	0.70	0.77	0.83	0.88	0.93	0.97	1.04	1.07	0.89		
				21.0	21.0	20.0	20.0	20.0	19.5	19.1	18.5	18.2	17.3	16.5	15.8		

Performance is certified is for installation type A & C: Free or ducted inlet, Free outlet.

Speed (RPM) shown is nominal. Performance is based on actual speed of test. Power ratings includes transmission losses.

Performance ratings include the effects of bird screen.

The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.

Values shown are for Installation Type A & C: free inlet hemispherical sone levels.

Model	Rated Power (HP)	Voltage (V)	RPM (min ⁻¹)	CFM												Item #
				FEI												
				Sones BHP												
5BDU18FX-A	1	208-230/460	1100	3751	3632	3511	3382	3242	3090	2930	2761	2577	-	-	-	46828
				0.68	0.82	0.94	1.03	1.11	1.19	1.24	1.30	1.33	-	-	-	
			15.9 0.68	15.4 0.70	15.3 0.72	15.6 0.74	14.8 0.76	14.2 0.77	14.1 0.78	13.3 0.78	13.1 0.78	-	-	-		
			1134	3867	3752	3634	3511	3377	3233	3080	2920	2749	-	-	-	
				0.64	0.77	0.88	0.98	1.06	1.14	1.20	1.24	1.29	-	-	-	
			16.4 0.75	16.3 0.77	16.6 0.79	16.4 0.81	15.7 0.83	15.5 0.84	14.9 0.85	14.6 0.86	14.0 0.86	-	-	-		
5BDU18GX-A	1.5	208-230/460	1197	3986	3873	3756	3640	3508	3368	3229	3074	2914	2502	-	-	46830
				0.61	0.73	0.84	0.94	1.01	1.08	1.14	1.19	1.24	1.28	-	-	
			17.6 0.82	17.3 0.84	17.5 0.86	17.1 0.88	16.9 0.90	16.3 0.92	16.2 0.93	15.4 0.94	15.4 0.94	13.9 0.93	-	-		
			1234	4082	3973	3862	3747	3624	3492	3351	3204	3050	2704	-	-	
				0.57	0.69	0.80	0.89	0.98	1.04	1.11	1.16	1.20	1.26	-	-	
			18.3 0.88	18.0 0.90	17.7 0.92	18.1 0.94	18.1 0.96	16.9 0.98	16.3 0.99	16.3 1.00	15.5 1.01	14.7 1.01	-	-		
5BDU18HX-A	2	208-230/460	1338	4208	4102	3995	3884	3767	3641	3507	3366	3220	2902	-	-	46831
				0.54	0.65	0.76	0.85	0.93	1.00	1.06	1.12	1.16	1.24	-	-	
			18.5 0.97	18.8 0.99	18.7 1.01	18.4 1.03	18.1 1.05	18.1 1.07	17.1 1.08	16.5 1.09	16.3 1.10	15.5 1.10	-	-		
			1360	4563	4465	4363	4261	4159	4045	3923	3800	3678	3402	3077	2683	
				0.46	0.57	0.66	0.74	0.82	0.88	0.94	0.99	1.05	1.12	1.17	1.19	
			21.0 1.23	21.0 1.25	20.0 1.28	20.0 1.30	20.0 1.32	19.5 1.35	19.1 1.36	18.5 1.38	18.2 1.39	17.3 1.41	16.5 1.41	15.8 1.38		

Performance is certified is for installation type A & C: Free or ducted inlet, Free outlet.

Speed (RPM) shown is nominal. Performance is based on actual speed of test. Power ratings includes transmission losses.

Performance ratings include the effects of bird screen.

The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.

Values shown are for Installation Type A & C: free inlet hemispherical sone levels.



5BDU20 Upblast Roof Fan

20" Belt Drive Upblast Roof Fan

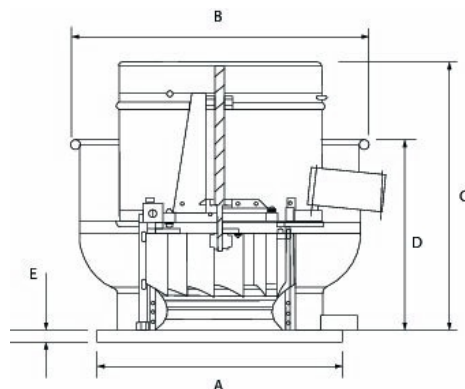


- All ventilators are UL 705 Standard listed
- Durable spun aluminum construction with steel support braces
- Inlet temperatures up to 170°F
- Backward inclined aluminum fan wheel
- Equipped with a built-in bird screen to protect discharge
- Externally cooled motor compartment

Dia. (In.)	HP	Open Drip proof	
		Single Phase	Three Phase
BDU 10 thru 15	1/4	BB	-
BDU 12 thru 15	1/3	CB	-
BDU 13 thru 30	1/2	DB	DX
BDU 15 thru 30	3/4	EB	EX
	1	FB	FX
BDU 18 thru 24	1-1/2	GB	GX
BDU 18 thru 24	2	-	HX
BDU 30 thru 36	3	-	JX
	5	-	KX

Recommended Roof Opening (In.)	
5BDU10	14-1/2 x 14-1/2
5BDU12	17-1/2 x 17-1/2
5BDU13	17-1/2 x 17-1/2
5BDU15	21-1/2 x 21-1/2
5BDU16	21-1/2 x 21-1/2
5BDU18	25-1/2 x 25-1/2
5BDU20	25-1/2 x 25-1/2
5BDU24	29-1/2 x 29-1/2
5BDU30	37-1/2 x 37-1/2
5BDU36	43-1/2 x 43-1/2

Dimensions



Model	A	B	C	D	E
5BDU 20	30	36 1/2	30 1/4	22	1 1/2

Dimensions are in inches.



5BDU20 Upblast Roof Fan

20" Belt Drive Upblast Roof Fan



Systemair Mfg. Inc. certifies that the 5BDU series shown herein is 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.

Model	Rated Power (HP)	Voltage (V)	RPM (min ⁻¹)	0.0" Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.50" Ps	0.625" Ps	0.75" Ps	0.875" Ps	1.00"Ps	1.25"Ps	1.5" Ps	1.75" Ps	Item #		
				CFM														
				Sones BHP														
5BDU20DB-A	1/2	115/230	764	3550	3341	3120	2879	2603	2250	-	-	-	-	-	-	46833		
				12.6 0.38	12.1 0.40	11.8 0.42	11.6 0.43	11.4 0.44	10.8 0.43	-	-	-	-	-	-			
			787	3657	3454	3241	3010	2751	2437	1197	-	-	-	-	-		-	
				13.0 0.42	12.8 0.44	12.4 0.46	12.2 0.47	12.0 0.47	11.4 0.47	10.5 0.31	-	-	-	-	-		-	
			800	3718	3515	3304	3078	2820	2527	2005	-	-	-	-	-		-	-
				14.0 0.44	13.6 0.46	13.1 0.48	12.6 0.49	12.2 0.50	12.3 0.50	12.0 0.47	-	-	-	-	-		-	-
5BDU20DX-A	1/2	208-230/460	764	3550	3341	3120	2879	2603	2250	-	-	-	-	-	-	46834		
				12.6 0.38	12.1 0.40	11.8 0.42	11.6 0.43	11.4 0.44	10.8 0.43	-	-	-	-	-	-			
			787	3657	3454	3241	3010	2751	2437	1197	-	-	-	-	-		-	
				13.0 0.42	12.8 0.44	12.4 0.46	12.2 0.47	12.0 0.47	11.4 0.47	10.5 0.31	-	-	-	-	-		-	
			800	3718	3515	3304	3078	2820	2527	2005	-	-	-	-	-		-	-
				14.0 0.44	13.6 0.46	13.1 0.48	12.6 0.49	12.2 0.50	12.3 0.50	12.0 0.47	-	-	-	-	-		-	-

Performance is certified is for installation type A: free inlet, free outlet.
Speed (RPM) shown is nominal. Performance is based on actual speed of test.
Performance ratings include the effects of bird screen.
Power rating (BHP) does not include transmission losses.
The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.
Values shown are for Installation Type A: free inlet hemispherical sone levels.

5BDU20 Upblast Roof Fan

20" Belt Drive Upblast Roof Fan



Systemair Mfg. Inc. certifies that the 5BDU series shown herein is 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.

Model	Max Power (W)	Voltage (V)	Nominal Impeller Speed (min ⁻¹)	0.0" Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.5 " Ps	0.625" Ps	0.75" Ps	0.875" Ps	1.00" Ps	1.25" Ps	1.50" Ps	1.75" Ps	Item #
				CFM												
				FEI Sones												
5BDU20FB-A	635	115/230	794	3630	3421	3203	2965	2692	2355	1296	-	-	-	-	-	46837
				0.75	0.88	0.99	1.06	1.12	1.14	0.98	-	-	-	-	-	
	-		-	-	-	-	-	-	-	-	-	-	-			
	945		945	4479	4224	3973	3733	3486	3227	2969	2658	2023	651	-	-	
		0.56		0.68	0.78	0.86	0.94	0.99	1.02	1.03	1.00	0.74	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5BDU20GB-A	742	115/230	868	3971	3791	3610	3391	3163	2918	2614	2037	-	-	-	-	46839
				0.70	0.83	0.95	1.04	1.10	1.15	1.18	1.16	-	-	-	-	
	-		-	-	-	-	-	-	-	-	-	-	-	-		
	1395		1105	5137	5002	4868	4733	4587	4400	4213	4022	3827	3350	-	-	
		0.46		0.57	0.66	0.74	0.82	0.88	0.93	0.97	1.02	1.08	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Performance is certified is for installation type A & C: Free or ducted inlet, Free outlet.

Speed (RPM) shown is nominal. Performance is based on actual speed of test. Power ratings includes transmission losses.

Performance ratings include the effects of bird screen.

The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.

Values shown are for Installation Type A & C: free inlet hemispherical sone levels.

Model	Rated Power (HP)	Voltage (V)	RPM (min ⁻¹)	0.0 "Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.50" Ps	0.625" Ps	0.75" Ps	0.875"Ps	1.00"Ps	1.25"Ps	1.5" Ps	1.75" Ps	Item #
				CFM												
				FEI Sones BHP												
5BDU20FX-A	1	208-230/460	960	4461	4295	4125	3949	3763	3563	3344	3096	2790	-	-	-	46838
				0.72	0.85	0.96	1.06	1.15	1.21	1.27	1.30	1.32	-	-	-	
				15.8 0.75	15.8 0.78	15.8 0.81	15.8 0.83	15.4 0.84	15.4 0.86	15.4 0.86	14.9 0.86	15.0 0.85	-	-	-	
			4596	4435	4271	4101	3922	3732	3526	3298	3032	-	-	-		
			0.68	0.81	0.92	1.01	1.09	1.16	1.22	1.25	1.28	-	-	-		
			16.5 0.82	16.5 0.85	16.5 0.88	16.4 0.90	16.4 0.92	16.3 0.93	16.1 0.94	15.8 0.95	15.3 0.94	-	-	-		
5BDU20GX-A	1.5	208-230/460	1081	5023	4876	4727	4574	4415	4249	4074	3887	3684	3187	-	-	46840
				0.56	0.68	0.78	0.87	0.96	1.02	1.08	1.13	1.18	1.22	-	-	
				18.8 1.08	18.8 1.11	18.7 1.14	18.6 1.16	18.5 1.18	18.2 1.20	17.8 1.22	17.7 1.23	17.5 1.23	17.2 1.22	-	-	
			5172	5029	4884	4737	4584	4425	4257	4080	3890	3446	-	-		
			0.54	0.64	0.74	0.83	0.91	0.98	1.04	1.09	1.14	1.19	-	-		
			19.7 1.17	19.5 1.21	19.5 1.24	19.4 1.26	19.3 1.29	18.8 1.31	18.8 1.32	18.7 1.34	18.7 1.34	17.9 1.34	-	-		
5BDU20HX-A	2	208-230/460	1155	5367	5227	5086	4947	4797	4640	4483	4325	4136	3750	-	-	46841
				0.50	0.62	0.69	0.78	0.86	0.92	0.98	1.03	1.08	1.15	-	-	
				22.0 1.31	21.0 1.34	21.0 1.38	21.0 1.41	20.0 1.43	19.8 1.46	19.2 1.47	18.7 1.49	18.4 1.50	17.7 1.50	-	-	
			5688	5558	5427	5294	5158	5018	4873	4722	4563	4219	3811	3207		
			0.44	0.54	0.62	0.70	0.77	0.84	0.90	0.95	1.00	1.07	1.12	1.13		
			23.0 1.56	23.0 1.60	23.0 1.63	22.0 1.66	22.0 1.69	22.0 1.72	22.0 1.74	21.0 1.76	21.0 1.77	21.0 1.79	20.0 1.78	19.6 1.71		
5BDU20HX-A	2	208-230/460	1224	5837	5710	5582	5453	5321	5186	5046	4900	4749	4423	4047	3562	
				0.42	0.51	0.59	0.67	0.74	0.80	0.86	0.91	0.96	1.04	1.09	1.12	
				23.0 1.69	23.0 1.72	23.0 1.76	23.0 1.79	23.0 1.82	23.0 1.85	23.0 1.87	22.0 1.89	23.0 1.91	22.0 1.93	22.0 1.93	21.0 1.89	
			5902	5774	5647	5519	5391	5252	5108	4966	4823	4491	-	-		
			0.41	0.50	0.58	0.66	0.73	0.79	0.84	0.90	0.94	1.02	-	-		
			25.0 1.75	25.0 1.78	24.0 1.82	24.0 1.85	24.0 1.88	23.0 1.91	23.0 1.93	23.0 1.95	23.0 1.97	21.0 2.00	-	-		



5BDU24 Upblast Roof Fan

24" Belt Drive Upblast Roof Fan

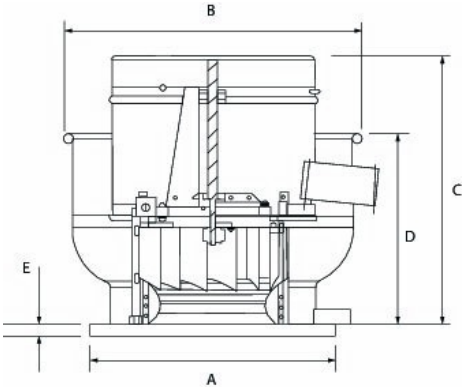


- All ventilators are UL 705 Standard listed
- Durable spun aluminum construction with steel support braces
- Inlet temperatures up to 170°F
- Backward inclined aluminum fan wheel
- Equipped with a built-in bird screen to protect discharge
- Externally cooled motor compartment

Dia. (In.)	HP	Open Drip proof	
		Single Phase	Three Phase
BDU 10 thru 15	1/4	BB	-
BDU 12 thru 15	1/3	CB	-
BDU 13 thru 30	1/2	DB	DX
BDU 15 thru 30	3/4	EB	EX
	1	FB	FX
BDU 18 thru 24	1-1/2	GB	GX
BDU 18 thru 24	2	-	HX
BDU 30 thru 36	3	-	JX
	5	-	KX

Recommended Roof Opening (In.)	
5BDU10	14-1/2 x 14-1/2
5BDU12	17-1/2 x 17-1/2
5BDU13	17-1/2 x 17-1/2
5BDU15	21-1/2 x 21-1/2
5BDU16	21-1/2 x 21-1/2
5BDU18	25-1/2 x 25-1/2
5BDU20	25-1/2 x 25-1/2
5BDU24	29-1/2 x 29-1/2
5BDU30	37-1/2 x 37-1/2
5BDU36	43-1/2 x 43-1/2

Dimensions



Model	A	B	C	D	E
5BDU 24	34	42 3/8	33	24 1/2	1 1/2

Dimensions are in inches.



5BDU24 Upblast Roof Fan

24" Belt Drive Upblast Roof Fan



Systemair Mfg. Inc. certifies that the 5BDU series shown herein is 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.

Model	Rated Power (HP)	Voltage (V)	RPM (min ⁻¹)	0.0" Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.50" Ps	0.625" Ps	0.75" Ps	0.875"Ps	1.00"Ps	1.25"Ps	1.5" Ps	1.75" Ps	Item #
				CFM												
				Sones BHP												
5BDU24DB-A	1/2	115/230	523	4660	4274	3819	3287	-	-	-	-	-	-	-	-	46843
			542	4829	4458	4027	3534	-	-	-	-	-	-	-	-	
			570	5078	4727	4313	3866	3239	-	-	-	-	-	-	-	
				11.4 0.35	11.1 0.37	11.0 0.39	10.5 0.39	-	-	-	-	-	-	-	-	
5BDU24DX-A	1/2	208-230/460	523	4660	4274	3819	3287	-	-	-	-	-	-	-	-	46844
			542	4829	4458	4027	3534	-	-	-	-	-	-	-	-	
			570	5078	4727	4313	3866	3239	-	-	-	-	-	-	-	
				11.4 0.35	11.1 0.37	11.0 0.39	10.5 0.39	-	-	-	-	-	-	-	-	

Performance is certified is for installation type A: free inlet, free outlet.

Speed (RPM) shown is nominal. Performance is based on actual speed of test.

Performance ratings include the effects of bird screen.

Power rating (BHP) does not include transmission losses.

The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.

Values shown are for Installation Type A: free inlet hemispherical sone levels.



Systemair Mfg. Inc. certifies that the 5BDU series shown herein is 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.

Model	Max Power (W)	Voltage (V)	Nominal Impeller Speed Speed (min ⁻¹)	0.0" Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.5 " Ps	0.625" Ps	0.75" Ps	0.875" Ps	1.00" Ps	1.25" Ps	1.50" Ps	1.75" Ps	Item #
				CFM FEI Sones												
5BDU24FB-A	717	115/230	584	4918	4567	4205	3812	3331	1592	-	-	-	-	-	-	46847
				0.85	0.99	1.09	1.16	1.19	0.96	-	-	-	-	-	-	
	-		-	-	-	-	-	-	-	-	-	-	-			
	6268		5998	5728	5428	5114	4769	4409	3914	2331	-	-	-			
1256	743	0.60	0.72	0.82	0.90	0.97	1.02	1.06	1.08	1.01	-	-	-	-		
		15.8	15.6	14.3	14.1	13.8	13.2	13.0	12.9	-	-	-	-			
5BDU24GB-A	814	115/230	628	5291	4971	4641	4291	3886	3376	1198	-	-	-	-	-	46849
				0.80	0.94	1.04	1.13	1.18	1.20	0.87	-	-	-	-	-	
	-		-	-	-	-	-	-	-	-	-	-	-			
	7016		6781	6546	6310	6029	5748	5442	5113	4739	3396	-	-			
1671	840	0.50	0.61	0.70	0.78	0.85	0.91	0.96	1.01	1.04	1.03	-	-			
		19.5	18.7	18.2	17.4	16.6	15.9	17.7	15.1	14.9	-	-	-			

Performance is certified is for installation type A & C: Free or ducted inlet, Free outlet.

Speed (RPM) shown is nominal. Performance is based on actual speed of test. Power ratings includes transmission losses.

Performance ratings include the effects of bird screen.

The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.

Values shown are for Installation Type A & C: free inlet hemispherical sone levels.



5BDU24 Upblast Roof Fan

24" Belt Drive Upblast Roof Fan



Systemair Mfg. Inc. certifies that the 5BDU series shown herein is 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.

Model	Rated Power (HP)	Voltage (V)	RPM (min ⁻¹)	0.0 "Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.50" Ps	0.625" Ps	0.75" Ps	0.875"Ps	1.00"Ps	1.25"Ps	1.5" Ps	1.75" Ps	Item #
				CFM FEI												
				Sones BHP												
5BDU24FX-A	1	208-230/460	695	6192	5909	5605	5267	4901	4502	3992	-	-	-	-	-	46848
				0.88	1.03	1.15	1.25	1.33	1.38	1.41	-	-	-	-	-	
				15.3 0.81	14.8 0.85	14.6 0.88	14.4 0.90	13.9 0.91	13.4 0.92	12.4 0.90	-	-	-	-	-	
			715	6370	6095	5803	5479	5127	4752	4303	-	-	-	-	-	
				0.83	0.98	1.10	1.21	1.28	1.34	1.36	-	-	-	-	-	
				16.2 0.88	15.5 0.92	15.4 0.95	15.3 0.97	14.7 0.99	13.8 1.00	12.7 1.00	-	-	-	-	-	
720	6415	6137	5842	5510	5180	4801	4310	3714	-	-	-	-				
	0.82	0.97	1.09	1.18	1.27	1.33	1.36	1.36	-	-	-	-	-			
	15.8 0.90	15.6 0.94	14.3 0.97	14.1 1.00	13.8 1.01	13.2 1.01	13.0 1.00	12.9 0.97	-	-	-	-	-			
5BDU24GX-A	1.5	208-230/460	770	6860	6605	6339	6048	5733	5399	5042	4614	-	-	-	-	46850
				0.71	0.86	0.97	1.07	1.15	1.22	1.27	1.30	-	-	-	-	
				17.3 1.11	16.4 1.14	16.4 1.18	16.7 1.21	16.3 1.23	15.4 1.24	14.5 1.25	13.8 1.24	-	-	-	-	
			798	7110	6864	6609	6333	6034	5716	5383	5009	4534	-	-	-	
				0.67	0.80	0.91	1.01	1.10	1.16	1.22	1.26	1.28	-	-	-	
				17.8 1.23	17.4 1.27	17.2 1.31	17.6 1.34	17.5 1.36	16.9 1.38	15.9 1.39	15.1 1.38	14.3 1.36	-	-	-	
820	7306	7062	6818	6535	6245	5954	5632	5296	4800	-	-	-				
	0.63	0.76	0.88	0.97	1.05	1.12	1.18	1.22	1.23	-	-	-				
	19.5 1.34	18.7 1.38	18.2 1.41	17.4 1.44	16.6 1.47	15.9 1.49	17.7 1.50	15.1 1.50	14.9 1.49	-	-	-				
5BDU24HX-A	2	208-230/460	877	7814	7591	7362	7120	6860	6583	6294	5993	5668	4797	-	-	46851
				0.55	0.67	0.77	0.87	0.94	1.01	1.07	1.12	1.16	1.20	-	-	
				20.0 1.63	19.6 1.68	19.4 1.72	19.7 1.75	21.0 1.79	20.0 1.81	19.5 1.83	19.2 1.84	17.7 1.84	16.9 1.79	-	-	
			894	7965	7746	7522	7286	7034	6766	6483	6192	5882	5100	-	-	
				0.53	0.65	0.75	0.84	0.91	0.98	1.04	1.09	1.13	1.19	-	-	
				20.0 1.73	20.0 1.77	20.0 1.81	20.0 1.85	21.0 1.89	22.0 1.91	20.0 1.93	20.0 1.95	19.1 1.95	18.2 1.91	-	-	
900	8018	7796	7573	7334	7070	6806	6541	6251	5945	5101	-	-				
	0.53	0.64	0.74	0.82	0.90	0.97	1.03	1.08	1.12	1.17	-	-				
	24.0 1.76	23.0 1.81	22.0 1.85	22.0 1.89	21.0 1.92	19.7 1.95	19.0 1.97	18.7 1.98	18.1 1.99	18.4 1.95	-	-				

Performance is certified is for installation type A & C: Free or ducted inlet, Free outlet.
Speed (RPM) shown is nominal. Performance is based on actual speed of test. Power ratings includes transmission losses.
Performance ratings include the effects of bird screen.
The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.
Values shown are for Installation Type A & C: free inlet hemispherical sone levels.



5BDU30 Upblast Roof Fan

30" Belt Drive Upblast Roof Fan

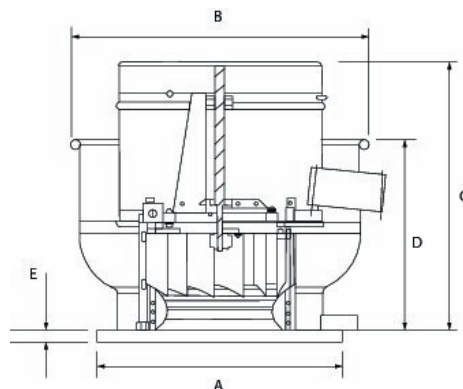


- All ventilators are UL 705 Standard listed
- Durable spun aluminum construction with steel support braces
- Inlet temperatures up to 170°F
- Backward inclined aluminum fan wheel
- Equipped with a built-in bird screen to protect discharge
- Externally cooled motor compartment

Dia. (In.)	HP	Open Drip proof	
		Single Phase	Three Phase
BDU 10 thru 15	1/4	BB	-
BDU 12 thru 15	1/3	CB	-
BDU 13 thru 30	1/2	DB	DX
BDU 15 thru 30	3/4	EB	EX
	1	FB	FX
BDU 18 thru 24	1-1/2	GB	GX
BDU 18 thru 24	2	-	HX
BDU 30 thru 36	3	-	JX
	5	-	KX

Recommended Roof Opening (In.)	
5BDU10	14-1/2 x 14-1/2
5BDU12	17-1/2 x 17-1/2
5BDU13	17-1/2 x 17-1/2
5BDU15	21-1/2 x 21-1/2
5BDU16	21-1/2 x 21-1/2
5BDU18	25-1/2 x 25-1/2
5BDU20	25-1/2 x 25-1/2
5BDU24	29-1/2 x 29-1/2
5BDU30	37-1/2 x 37-1/2
5BDU36	43-1/2 x 43-1/2

Dimensions



Model	A	B	C	D	E
5BDU 30	42	49 1/2	38 3/4	27 1/2	1 1/2

Dimensions are in inches.



5BDU30 Upblast Roof Fan

30" Belt Drive Upblast Roof Fan



Systemair Mfg. Inc. certifies that the 5BDU series shown herein is 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.

Model	Rated Power (HP)	Voltage (V)	RPM (min ⁻¹)	0.0" Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.50" Ps	0.625" Ps	0.75" Ps	0.875" Ps	1.00" Ps	1.25" Ps	1.5" Ps	1.75" Ps	Item #
				CFM												
				Sones BHP												
5BDU30DB-A	1/2	115/230	365	5522	4857	3998	-	-	-	-	-	-	-	-	-	46852
				13.8 0.29	12.6 0.32	12.1 0.33	-	-	-	-	-	-	-	-		
			378	5718	5082	4271	3065	-	-	-	-	-	-	-		
				15.2 0.33	14.0 0.36	13.4 0.36	13.4 0.34	-	-	-	-	-	-	-		
5BDU30EB-A	3/4	115/230	412	6232	5658	4955	4105	-	-	-	-	-	-	-	-	46854
				16.1 0.42	15.1 0.46	14.5 0.47	14.2 0.47	-	-	-	-	-	-	-		
			429	6490	5941	5288	4510	-	-	-	-	-	-	-		
				16.1 0.48	14.9 0.51	14.3 0.53	13.9 0.53	-	-	-	-	-	-	-		
5BDU30EB-A	3/4	115/230	444	6717	6188	5572	4832	3926	-	-	-	-	-	-	-	46854
				15.7 0.53	15.0 0.57	14.7 0.59	14.1 0.59	14.1 0.57	-	-	-	-	-	-		
			471	7124	6622	6049	5391	4627	-	-	-	-	-	-		
				17.6 0.63	15.7 0.67	14.6 0.70	14.6 0.70	13.9 0.70	-	-	-	-	-	-		

Performance is certified for installation type A: free inlet, free outlet.

Speed (RPM) shown is nominal. Performance is based on actual speed of test.

Performance ratings include the effects of bird screen.

Power rating (BHP) does not include transmission losses.

The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.

Values shown are for Installation Type A: free inlet hemispherical sone levels.



Systemair Mfg. Inc. certifies that the 5BDU series shown herein is 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.

Model	Max Power (W)	Voltage (V)	Nominal Impeller Speed Speed (min ⁻¹)	0.0" Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.5 " Ps	0.625" Ps	0.75" Ps	0.875" Ps	1.00" Ps	1.25" Ps	1.50" Ps	1.75" Ps	Item #
				CFM FEI Sones												
5BDU30FB-A	741	115/230	415	6408	5810	5111	4271	484	-	-	-	-	-	-	-	46856
				1.01	1.15	1.22	1.24	0.50	-	-	-	-	-	-		
				-	-	-	-	-	-	-	-	-	-	-		
	8132	7640	7126	6574	5965	5469	2459	-	-	-	-	-				
	0.75	0.88	0.98	1.05	1.11	1.17	0.96	-	-	-	-	-				
	19.1	15.7	15.2	14.6	14.6	14.0	-	-	-	-	-	-				

Performance is certified for installation type A & C: Free or ducted inlet, Free outlet.

Speed (RPM) shown is nominal. Performance is based on actual speed of test. Power ratings includes transmission losses.

Performance ratings include the effects of bird screen.

The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.

Values shown are for Installation Type A & C: free inlet hemispherical sone levels.



5BDU30 Upblast Roof Fan

30" Belt Drive Upblast Roof Fan



Systemair Mfg. Inc. certifies that the 5BDU series shown herein is 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.

Model	Rated Power (HP)	Voltage (V)	RPM (min ⁻¹)	CFM FEI Sones BHP												Item #
				0.0" Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.50" Ps	0.625" Ps	0.75" Ps	0.875" Ps	1.00" Ps	1.25" Ps	1.5" Ps	1.75" Ps	
				7352	6873	6338	5704	5003	2785	-	-	-	-	-	-	
5BDU30FX-A	1	208-230/460	486	1.16	1.33	1.47	1.55	1.58	1.49	-	-	-	-	-	-	46857
			502	16.0 0.70	15.5 0.74	15.0 0.76	14.4 0.77	14.0 0.77	13.5 0.54	-	-	-	-	-	-	
			519	1.10	1.26	1.39	1.48	1.53	1.54	-	-	-	-	-	-	
			519	16.3 0.77	15.7 0.81	15.2 0.84	14.7 0.85	14.4 0.85	13.7 0.83	-	-	-	-	-	-	
			519	1.03	1.20	1.31	1.41	1.48	1.49	-	-	-	-	-	-	
			519	19.1 0.85	15.7 0.89	15.2 0.93	14.6 0.94	14.6 0.94	14.0 0.93	-	-	-	-	-	-	
5BDU30HX-A	2	208-230/460	630	0.71	0.84	1.05	1.05	1.13	1.21	1.26	1.28	1.29	-	-	-	46860
			645	18.6 1.51	17.5 1.57	17.3 1.62	17.3 1.66	16.3 1.68	15.7 1.68	15.2 1.68	14.5 1.68	14.4 1.64	-	-	-	
			645	0.67	0.81	0.92	1.02	1.10	1.17	1.22	1.26	1.28	-	-	-	
			645	19.3 1.63	18.4 1.68	17.9 1.73	17.9 1.77	16.9 1.80	16.2 1.80	15.7 1.80	14.9 1.80	14.6 1.78	-	-	-	
			653	0.65	0.78	0.90	0.99	1.08	1.15	1.20	1.24	1.26	-	-	-	
			653	19.7 1.69	19.4 1.75	18.3 1.80	18.0 1.84	17.3 1.86	16.0 1.87	15.9 1.87	15.1 1.87	14.5 1.85	-	-	-	
5BDU30JX-A	3	208-230/460	700	0.59	0.71	0.82	0.91	1.00	1.18	1.13	1.19	1.22	1.24	-	-	46861
			718	20.0 2.08	21.0 2.14	20.0 2.20	19.8 2.25	19.4 2.28	17.9 2.30	17.4 2.31	16.9 2.30	16.0 2.30	15.1 2.24	-	-	
			718	0.56	0.68	0.79	0.87	0.96	1.03	1.09	1.15	1.19	1.23	-	-	
			718	22.0 2.24	22.0 2.31	21.0 2.36	20.0 2.42	19.9 2.45	19.1 2.48	18.3 2.49	17.2 2.49	17.1 2.48	16.1 2.45	-	-	
			748	0.52	0.63	0.73	0.82	0.89	0.97	1.03	1.09	1.13	1.19	-	-	
			748	24.0 2.53	23.0 2.60	22.0 2.67	22.0 2.72	21.0 2.77	19.8 2.79	18.9 2.81	18.4 2.81	17.7 2.81	16.9 2.79	-	-	
5BDU30KX-A	5	208-230/460	841	0.41	0.50	0.59	0.67	0.74	0.80	0.87	0.92	0.97	1.05	1.11	1.14	46862
			872	28.0 3.60	28.0 3.68	27.0 3.75	26.3 3.82	25.0 3.88	25.0 3.93	24.0 3.96	23.0 3.98	23.0 4.00	21.0 4.00	21.0 3.98	20.0 3.92	
			872	0.38	0.47	0.55	0.62	0.69	0.76	0.81	0.87	0.92	1.00	1.07	1.11	
			872	30.0 4.02	29.0 4.09	28.0 4.17	28.0 4.24	28.0 4.30	27.0 4.36	26.0 4.40	25.0 4.43	25.0 4.45	24.0 4.46	22.0 4.45	22.0 4.42	
			887	0.36	0.45	0.53	0.60	0.67	0.73	0.79	0.84	0.89	0.98	1.04	1.08	
			887	30.0 4.23	30.0 4.31	30.0 4.38	30.0 4.46	28.0 4.52	28.0 4.58	27.0 4.63	26.0 4.66	25.0 4.68	25.0 4.69	24.0 4.68	23.0 4.66	

Performance is certified is for installation type A & C: Free or ducted inlet, Free outlet.

Speed (RPM) shown is nominal. Performance is based on actual speed of test. Power ratings includes transmission losses.

Performance ratings include the effects of bird screen.

The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.

Values shown are for Installation Type A & C: free inlet hemispherical sone levels.



5BDU36 Upblast Roof Fan

36" Belt Drive Upblast Roof Fan

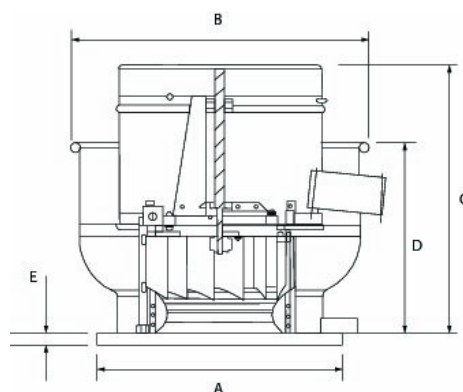


- All ventilators are UL 705 Standard listed
- Durable spun aluminum construction with steel support braces
- Inlet temperatures up to 170°F
- Backward inclined aluminum fan wheel
- Equipped with a built-in bird screen to protect discharge
- Externally cooled motor compartment

Dia. (In.)	HP	Open Drip proof	
		Single Phase	Three Phase
BDU 10 thru 15	1/4	BB	-
BDU 12 thru 15	1/3	CB	-
BDU 13 thru 30	1/2	DB	DX
BDU 15 thru 30	3/4	EB	EX
	1	FB	FX
BDU 18 thru 24	1-1/2	GB	GX
BDU 18 thru 24	2	-	HX
BDU 30 thru 36	3	-	JX
BDU 30 thru 36	5	-	KX

Recommended Roof Opening (In.)	
5BDU10	14-1/2 x 14-1/2
5BDU12	17-1/2 x 17-1/2
5BDU13	17-1/2 x 17-1/2
5BDU15	21-1/2 x 21-1/2
5BDU16	21-1/2 x 21-1/2
5BDU18	25-1/2 x 25-1/2
5BDU20	25-1/2 x 25-1/2
5BDU24	29-1/2 x 29-1/2
5BDU30	37-1/2 x 37-1/2
5BDU36	43-1/2 x 43-1/2

Dimensions



Model	A	B	C	D	E
5BDU 36	46	58 1/2	42 7/8	31 1/2	1 1/2

Dimensions are in inches.



5BDU36 Upblast Roof Fan

36" Belt Drive Upblast Roof Fan



Systemair Mfg. Inc. certifies that the 5BDU series shown herein is 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.

Model	Max Power	Voltage	Nominal Impeller Speed	0.0" Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.5 " Ps	0.625" Ps	0.75" Ps	0.875" Ps	1.00" Ps	1.25" Ps	1.50" Ps	1.75" Ps	Item #
	(W)	(V)	(min ⁻¹)	CFM												
				FEI												
				Sones												
5BDU36FB-A	751	115/230	297	8152	7160	5850	594	-	-	-	-	-	-	-	-	46865
				1.22	1.34	1.36	0.49	-	-	-	-	-	-	-	-	
	-		-	-	-	-	-	-	-	-	-	-	-			
	1289		383	10699	9843	8884	7839	6522	1924	-	-	-	-	-	-	
				0.91	1.04	1.14	1.20	1.19	0.84	-	-	-	-	-	-	
				10.9	9.8	9.4	8.9	8.3	-	-	-	-	-	-	-	

Performance is certified is for installation type A & C: Free or ducted inlet, Free outlet.
Speed (RPM) shown is nominal. Performance is based on actual speed of test. Power ratings includes transmission losses.
Performance ratings include the effects of bird screen.
The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.
Values shown are for Installation Type A & C: free inlet hemispherical sone levels.

Model	Rated Power	Voltage	RPM	0.0 "Ps	0.125" Ps	0.25" Ps	0.375" Ps	0.50" Ps	0.625" Ps	0.75" Ps	0.875"Ps	1.00"Ps	1.25"Ps	1.5" Ps	1.75" Ps	Item #	
	(HP)	(V)	(min ⁻¹)	CFM FEI Sones BHP													
5BDU36FX-A	1	208-230/460	350	9696	8844	7934	6741	-	-	-	-	-	-	-	-	46866	
				1.41	1.58	1.68	1.73	-	-	-	-	-	-	-	-		
				9.3 0.74	8.9 0.78	8.6 0.81	8.1 0.80	-	-	-	-	-	-	-	-		
			356	9863	9025	8137	6991	-	-	-	-	-	-	-	-		-
				1.36	1.54	1.65	1.69	-	-	-	-	-	-	-	-		-
				9.4 0.78	9.2 0.82	8.9 0.85	8.5 0.85	-	-	-	-	-	-	-	-		-
			373	10334	9532	8679	7654	6202	-	-	-	-	-	-	-		-
				1.25	1.42	1.52	1.60	1.59	-	-	-	-	-	-	-		-
				10.9 0.89	9.8 0.94	9.4 0.98	8.9 0.98	8.3 0.94	-	-	-	-	-	-	-		-
5BDU36JX-A	3	208-230/460	520	14406	13835	13260	12674	12060	11374	10566	9665	-	-	-	-	46870	
				0.67	0.81	0.93	1.02	1.11	1.18	1.23	1.26	-	-	-	-		
				17.8 2.42	17.7 2.48	17.0 2.54	16.0 2.60	15.7 2.64	15.3 2.67	14.8 2.66	14.3 2.63	-	-	-	-		
			531	14711	14152	13589	13016	12421	11768	11004	10143	-	-	-	-		
				0.64	0.78	0.89	0.99	1.07	1.14	1.20	1.24	-	-	-	-		
				18.7 2.57	18.1 2.64	17.2 2.70	17.0 2.76	16.4 2.81	16.2 2.84	15.5 2.83	14.8 2.81	-	-	-	-		
			538	14905	14349	13793	13224	12616	12008	11231	10432	9307	-	-	-		
				0.62	0.76	0.87	0.97	1.05	1.12	1.17	1.22	1.22	-	-	-		
				19.1 2.68	18.8 2.74	17.8 2.80	17.0 2.86	16.7 2.92	16.2 2.95	15.8 2.95	15.0 2.92	14.8 2.87	-	-	-		
5BDU36KX-A	5	208-230/460	607	16816	16328	15837	15342	14839	14321	13769	13156	12462	10877	-	-	46871	
				0.49	0.60	0.70	0.79	0.87	0.94	1.00	1.05	1.10	1.15	-	-		
				22.0 3.84	22.0 3.92	21.0 3.99	20.0 4.06	20.0 4.12	19.3 4.18	19.0 4.23	18.6 4.24	18.0 4.23	16.8 4.16	-	-		
			620	17176	16698	16218	15733	15243	14739	14209	13629	12973	11485	-	-		
				0.47	0.58	0.68	0.76	0.84	0.91	0.97	1.02	1.07	1.13	-	-		
				23.0 4.10	23.0 4.17	22.0 4.24	21.0 4.31	20.0 4.38	20.0 4.45	19.3 4.50	19.2 4.52	18.7 4.52	17.4 4.45	-	-		
			637	17647	17178	16708	16239	15763	15249	14736	14222	13573	12174	7546	-		
				0.44	0.55	0.64	0.73	0.80	0.86	0.92	0.98	1.02	1.09	1.10	-		
				23.0 4.44	23.0 4.52	23.0 4.59	21.0 4.67	21.0 4.74	21.0 4.81	20.0 4.86	20.0 4.90	19.8 4.90	18.4 4.85	17.3 3.55	-		

Performance is certified is for installation type A & C: Free or ducted inlet, Free outlet.
Speed (RPM) shown is nominal. Performance is based on actual speed of test. Power ratings includes transmission losses.
Performance ratings include the effects of bird screen.
The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.
Values shown are for Installation Type A & C: free inlet hemispherical sone levels.