



SOPER'S SUPPLY LTD.

EXPLOSION Proof Direct Drive Wall Fans



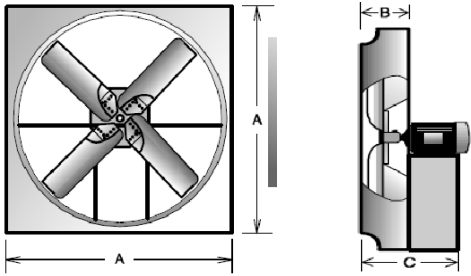
These sidewall propeller fans are the ideal choice for commercial/industrial applications where high volumes of air and relatively low pressures are required for hazardous locations. Fan sizes range from 8" to 24". Performance spans the range of 391 CFM to 5,393 CFM. Fans are direct drive, therefore requiring little or no maintenance. Available in either exhaust or supply configurations.

Construction & Design Features:

- Cast aluminum spark proof blades (except where noted)
- OSHA approved finger guards.
- Heavy gauge steel fan panel with deep inlet venturi, distributes air uniformly for efficient performance.
- Motors are CSA certified and UL listed.
- Fractional HP motors are rated Explosion Proof, Class I and II, Groups C, D, F and G with a T3B temperature code (165C or 329F).
- Integral HP motors are rated Explosion Proof, Class I and II, Groups D,F,G with a T3B temperature code (165C or 329F).

Options Available:

- Custom sizes and performances.
- 50 Hz or ATEX approved motors.
- VFD compatible motors.
- Division 2 motors are available on integral HP's.
- Dampers, control dampers and louvers.
- Sleeves, cabinets and back guards.
- Corrosion resistant coating.
- Weather Hoods.
- Disconnect switches.
- Thermostats



Model	A	B	C	Wall Opening
8"	12 ¹ / ₈ "	2 ¹ / ₂ "	9 ¹ / ₂ "	13 ¹ / ₈ "
10"	14 ¹ / ₈ "	2 ¹ / ₂ "	9 ¹ / ₂ "	15 ¹ / ₈ "
12"	16 ¹ / ₈ "	2 ¹ / ₂ "	9 ¹ / ₂ "	17 ¹ / ₈ "
16"	20 ¹ / ₈ "	3 ¹ / ₂ "	10 ¹ / ₂ "	21 ¹ / ₈ "
18"	22 ¹ / ₈ "	3 ¹ / ₂ "	10 ¹ / ₂ "	23 ¹ / ₈ "
20"	24 ¹ / ₈ "	3 ³ / ₄ "	10 ³ / ₄ "	25 ¹ / ₈ "
24"	29 ¹ / ₈ "	6 ⁵ / ₈ "	13 ¹ / ₂ "	30 ⁷ / ₈ "

	Model #			RPM	Maximum Motor Input power	Pitch	# Blades	Sones @ 0 in. wg	Weight (Lbs)	CFM @ Static Pressure										
	Single Phase	Three Phase								0"	0.125"	0.25"	0.375	0.50"	0.625"	0.75"	0.875"	1"	1.125"	
	115/230 V	208-230/460V	575V																	
Blade Diameter	8"	V8X1L1/4			1794	1/4	40°	3	12	33.4	391	278	137	67	-					
			V8X3M1/4		1794	1/4	40°	3	12	33.4	391	278	137	67	-					
				V8X3H1/4	1794	1/4	40°	3	12	33.4	391	278	137	67	-					
	10"	V10X1L1/4			1793	1/4	30°	3	15.5	36.0	587	449	262	166	80	-				
			V10X3M1/4		1793	1/4	30°	3	15.5	36.0	587	449	262	166	80	-				
				V10X3H1/4	1793	1/4	30°	3	15.5	36.0	587	449	262	166	80	-				
	12"	V12X1L1/4			1790	1/4	30°	3	11.7	34.0	985	759	529	364	185	40	-			
			V12X3M1/4		1790	1/4	30°	3	11.7	34.0	985	759	529	364	185	40	-			
				V12X3H1/4	1790	1/4	30°	3	11.7	34.0	985	759	529	364	185	40	-			
	16"	V16X1L1/4			1762	1/4	40°	3	16.7	38.0	2690	2309	1744	1276	1002	729	435	-		
			V16X3M1/4		1762	1/4	40°	3	16.7	38.0	2690	2309	1744	1276	1002	729	435	-		
				V16X3H1/4	1762	1/4	40°	3	16.7	38.0	2690	2309	1744	1276	1002	729	435	-		
	18"	V18X1L1/3			1769	1/3	30°	4	28	42.3	2773	2405	2041	1727	1460	1160	814	534	-	
			V18X3M1/3		1769	1/3	30°	4	28	42.3	2773	2405	2041	1727	1460	1160	814	534	-	
				V18X3H1/3	1769	1/3	30°	4	28	42.3	2773	2405	2041	1727	1460	1160	814	534	-	
	20"	V20X1L1/2			1763	1/2	30°	4	31	64.0	3656	3250	2843	2383	1832	1465	1070	751	-	
			V20X3M1/2		1763	1/2	30°	4	31	64.0	3656	3250	2843	2383	1832	1465	1070	751	-	
				V20X3H1/2	1763	1/2	30°	4	31	64.0	3656	3250	2843	2383	1832	1465	1070	751	-	
	24"	V24X1L3/4			1763	3/4	30°	4	36	105.2	5393	4766	4085	3461	2892	2351	1662	676	-	
			V24X3M3/4		1763	3/4	30°	4	36	105.2	5393	4766	4085	3461	2892	2351	1662	676	-	
				V24X3H3/4	1763	3/4	30°	4	36	105.2	5393	4766	4085	3461	2892	2351	1662	676	-	
	*Performance certified is for Installation type A, Free inlet, Free outlet																			
	*Performance ratings do not include the effects of Appurtenances (accessories)																			
	*The sound ratings shown are loudness values in fan sones at 1.5m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301																			



Soper's Supply Ltd certifies that the fans 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. Performance ratings do not include the effects of appurtenances (accessories). The sound ratings shown are loudness values in fan sones at 1.5m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301



Edmonton, AB
 10519 - 114 St.
 T5H 3J6
 Ph: 780-423-4066
 Fax: 780-425-8579

Calgary, AB
 1224 - 26 Ave SE
 T2G 5S2
 Ph: 403-243-4130
 Fax: 403-243-0552

Winnipeg, MB
 1499 St. James St.
 R3H 0W9
 Ph: 204-775-8848
 Fax: 204-779-4391

Surrey, BC
 #9, 8285 - 132 St.
 V3W 4N6
 Ph: 604-590-1667
 Fax: 604-590-5501

Vancouver, BC
 182 West 6th Ave
 V5Y 1K6
 Ph: 604-566-9370
 Fax: 604-566-9371