

**WARNING!**  
**GENERATOR USAGE**

It is important to use the proper size generator when powering a blower. Using an undersized generator may cause damage to the blower motor. Please refer to the Table below for a minimum generator recommendation. Use of a generator at the minimum recommended output with additional devices can cause decreased output or blower stoppage.

**\*THIS IS THE MINIMUM CALCULATED WATTAGE PER EACH SPECIFIC MOTOR AS RATED BY ITS HORSE POWER, IF MORE THAN 1 BLOWER OR ANY OTHER EQUIPMENT IS BEING POWERED BY THE SAME GENERATOR, THE GENERATOR SIZE MUST BE SIZED UP ACCORDINGLY.**

BLOWER	DESCRIPTION	MOTOR HP	BLOWER SPEC AMPERAGE	CORD WIRE GAGE	*GENERATOR WATTAGE RECOMMENDED (MINIMUM)	RECOMMENDED MINIMUM EXTENSION CORD GUAGE
9502 (110V)	Heavy Duty Centrifugal Blower	1 1/2 HP	17.2	14 AWG	12 KW	12 AWG
9502 (220V)	Heavy Duty Centrifugal Blower	1 1/2 HP	8.6	14 AWG	12 KW	12 AWG
9504	Standard Centrifugal Blower	1/3 HP	3.6	16 AWG	2 KW	14 AWG
9504-50 (110V)	High Output Centrifugal Blower	3/4 HP	10.8	16 AWG	7 KW	14 AWG
9504-50 (220V)	High Output Centrifugal Blower	3/4 HP	5.4	16 AWG	7 KW	14 AWG
9507	Two Speed Centrifugal Blower	3/4 & 1/3 HP	9.6/ 6.8	14 AWG	6 KW	12 AWG
9509	12" Standard Axial Blower	1/3 HP	3.6	16 AWG	2 KW	14 AWG
9509-50	12" High Output Axial Blower	1/2 HP	5.7	16 AWG	4 KW	14 AWG
9513	8" AC Axial Bower	1/3 HP	3.6	16 AWG	2 KW	14 AWG
9515	16" Standard Axial Blower	1/2 HP	7.5	16 AWG	6.5 KW	14 AWG
9516 (110V)	16" High Output Axial Blower	2 HP	19	12 AWG	16KW	10 AWG
9516 (220V)	16" High Output Axial Blower	2 HP	9.5	12 AWG	16 KW	10 AWG
9525	20" Standard Axial Blower	1/2 HP	7.5	16 AWG	6.5 KW	14 AWG
9525-50 (110V)	20" High Output Axial Blower	2 HP	19	12 AWG	16 KW	10 AWG
9525-50 (220V)	20" High Output Axial Blower	2 HP	9.5	12 AWG	16 KW	10 AWG
9533	8" AC COM-PAX-IAL Plastic Blower	1/3 HP	4.5	16 AWG	2 KW	14 AWG
9533C	8" AC COM-PAX-IAL Plastic Blower, CANADIAN	1/3 HP	3.6	16 AWG	2 KW	14 AWG
9534	8" AC COM-PAX-IAL Blower	1/3 HP	3.6	16 AWG	2 KW	14 AWG
9535-08	8" Two Speed Metal Blower Air Bag with 15' Duct	1/4 HP	1.38	18 AWG	2 KW	16 AWG
9535-12	12" Two Speed Metal Blower Air Bag with 15' Duct	1/2 HP	3.8	18 AWG	2 KW	16 AWG
9539-08	8" Industrial Plastic Blower	1/3 HP	2.6	16 AWG	2 KW	14 AWG
9539-12	12" Industrial Plastic Blower	1 HP	7.5	16 AWG	3.5 KW	14 AWG
9539-16	16" Industrial Plastic Blower	1 HP	9	14 AWG	3.5 KW	12 AWG
9530	26" Standard Axial Blower	2 HP	18.5/9.3	12 AWG	10 KW	10 AWG

**EXPLOSION-PROOF BLOWERS:**

9503 (110V)	Heavy Duty Explosion-Proof Blower	3/4 HP	10.6	12 AWG	7.5 KW	10 AWG
9503 (220V)	Heavy Duty Explosion-Proof Blower	3/4 HP	5.3	12 AWG	7.5 KW	10 AWG
9509-01	12" Explosion-proof Axial Blower	1/3 HP	2.2	18 AWG	2 KW	16 AWG
9513-05	8" AC Axial Explosion-Proof Blower	1/3 HP	2.2	18 AWG	2 KW	16 AWG
9515-01 (110V)	16" Explosion Proof Axial Blower	1/2 HP	8.2	12 AWG	5 KW	10 AWG
9515-01 (220V)	16" Explosion Proof Axial Blower	1/2 HP	4.1	12 AWG	5 KW	10 AWG
9525-01 (110V)	20" Explosion Proof Axial Blower	1/2 HP	8.2	12 AWG	5 KW	10 AWG
9525-01 (220V)	20" Explosion Proof Axial Blower	1/2 HP	4.1	12 AWG	5 KW	10 AWG
9538	8" AC Explosion Proof COM-PAX-IAL Plastic Blower	1/3 HP	2.2	18 AWG	2 KW	16 AWG
9539-12EX	12" Explosion Proof Industrial Plastic Blower	1/3 HP	2.2	18 AWG	2 KW	16 AWG
9539-12EXE (220V)	12" Explosion Proof Industrial Plastic Blower (50Hz)	1/3 HP	1.2	18 AWG	2 KW	16 AWG
9539-16EX	16" Explosion Proof Industrial Plastic Blower	3/4 HP	9.6	12 AWG	7 KW	10 AWG

**DANGER!**

When using Allegro Industries Explosion-Proof Blowers that require the use of a portable or stationary generator to power the blowers, it is extremely important to ensure that the generator is located well outside of the Hazardous Location Zone (Unless the generator is rated for Hazardous Locations).

**DO NOT AT ANY TIME, ATTEMPT TO CONNECT OR DISCONNECT ANY EXPLOSION PROOF PLUG FROM A NON-EXPLOSION PROOF RECEPTACLE WHILE IN A HAZARDOUS LOCATION ZONE!**

**CAUTION CONCERNING EXTENSION CORD USAGE!**

When choosing an extension cord, ensure that the cord is not an undersized wire. As a "Rule of Thumb", the diameter of cable for an extension cord should be larger than the diameter of the cord being plugged into it. Consult the NEC (National Electric Code) Tables for specific cord size information.