

INDOOR BLOWER MOTORS (120V)



TRIPSAVER Indoor Blower Motor (120V)

Designed with a high degree of versatility, these motors will cover the vast majority of service applications requiring a direct drive motor. Stock these reliable motors on your service truck and you'll virtually eliminate those unnecessary trips to get the right motor. A definite must for your service vehicle stocking.

Replaces most residential furnace motors; features include:

- Replaces 120V motors from 1/6 to 1/2 horsepower
- 4 speed taps / Reversible rotation
- Operates in all positions
- 36 inch leads with easy to use quick-connect flag terminals



PART NO	HP	HIGH SPEED (RPM)	NO OF SPEEDS	INPUT VOLTAGE	NO OF PHASES	FREQ (Hz)	ROTATION DIRECTION (OSE)	RUN CAPACITOR (uF/V)	FLA AT 120V (A)
51-23012-41	1/6 - 1/2	1075	4	120	1	60	Reversible	5/370, 7.5/370, or 10/370	7.30



PROTECH W51 Indoor Blower Motors (120V)

A line of HVAC replacement motors, manufactured under strict quality standards at one of the world's largest and most modern motor production facilities. Every motor undergoes a variety of stringent tests before it leaves the assembly line.



PART NO	HP	HIGH SPEED (RPM)	NO OF SPEEDS	INPUT VOLTAGE	NO OF PHASES	FREQ (Hz)	ROTATION DIRECTION (OSE)	RUN CAPACITOR (uF/V)	FLA AT 120V (A)
W51-14BAA3-02	1/4	1075	3	120	1	60	Reversible	10/370	3.8
W51-13BAA3-02	1/3	1075	3	120	1	60	Reversible	10/370	5
W51-12BAA3-02	1/2	1075	3	120	1	60	Reversible	10/370	6
W51-34BAA3-02	3/4	1075	3	120	1	60	Reversible	15/370	9.50



PROTECH Wholesale Indoor Blower Motors (120V)

Designed to fit a variety of common aftermarket applications. Additionally, they are approved as OEM replacements for many Rheem, Ruud, and WeatherKing models; see unit parts lists for cross-reference.



PART NO	HP	HIGH SPEED (RPM)	NO OF SPEEDS	INPUT VOLTAGE	NO OF PHASES	FREQ (Hz)	ROTATION DIRECTION (OSE)	RUN CAPACITOR (uF/V)	FLA AT 120V (A)
51-23013-31	1/3	1075	3	120	1	60	Reversible	5/370	6.80
51-23017-42	1/4 - 3/4	1075	4	120	1	60	Reversible	10/370, 12.5/370, or 15/370	9.50
51-23012-31	1/2	1075	3	120	1	60	Reversible	7.5/370	9.80



US Motors Wholesale Indoor Blower Motors (120V)



PART NO	HP	HIGH SPEED (RPM)	NO OF SPEEDS	INPUT VOLTAGE	NO OF PHASES	FREQ (Hz)	ROTATION DIRECTION (OSE)	RUN CAPACITOR (uF/V)	FLA AT 120V (A)
1863	1/4	1075	3	120	1	60	Reversible	5/370	3.90
1864	1/3	1075	3	120	1	60	Reversible	7.5/370, 5/370	5.00
1865	1/2	1075	3	120	1	60	Reversible	10/370	7.40
8904	3/4	1075	3	120	1	60	Reversible	15/370	9.10



US Motors RESCUE Indoor Blower Motors (120V)

You may not know what kind of motor you will need when you get to the job, but with the RESCUE motors on hand, you know you'll have one that will work.

- Replaces a range of different horsepower ratings and applications
- 36 inch leads



PART NO	HP	HIGH SPEED (RPM)	NO OF SPEEDS	INPUT VOLTAGE	NO OF PHASES	FREQ (Hz)	ROTATION DIRECTION (OSE)	RUN CAPACITOR (uF/V)	FLA AT 120V (A)
5460	1/6 - 1/2	1075	4	120	1	60	Reversible	10/370	7.30
5470	1/5 - 3/4	1075	4	120	1	60	Reversible	20/370	8.10

TRIPSAVER 51-23012-41 Capacitor & Motor Speed Selection Chart for Various HP Applications

HP	SPEED TO USE	CAPACITOR (µF/V)	FLA
1/2	All Speeds	10/370	7.3
1/3	All Speeds	5/370, 7.5/370	6.9
1/4	Med-Hi; Med-Lo; Lo	5/370, 7.5/370	5.5
1/5	Med-Lo; Lo	5/370, 7.5/370	3.6
1/6	Lo	5/370, 7.5/370	2.8

SHAFT DIA (IN)	MOTOR BODY DIA (IN)	OVERALL SHAFT LENGTH (IN)	MOTOR BODY LENGTH (IN)	OVERALL MOTOR LENGTH (IN)	MOUNTING	BEARING TYPE	APPLICATION	DRIVE TYPE
1/2	5-5/8	5	4-11/16	9-11/16	Shell-band,Shell-screw,Thru-bolt	Sleeve	Blower	Direct Drive

SHAFT DIA (IN)	MOTOR BODY DIA (IN)	OVERALL SHAFT LENGTH (IN)	MOTOR BODY LENGTH (IN)	OVERALL MOTOR LENGTH (IN)	MOUNTING	BEARING TYPE	APPLICATION	DRIVE TYPE
1/2	5-5/8	5	5-3/8	10-3/8	Shell-band,Thru-bolt	Sleeve	Blower	Direct Drive
1/2	5-5/8	5	5-9/16	10-9/16	Shell-band,Thru-bolt	Sleeve	Blower	Direct Drive
1/2	5-5/8	5	6-1/2	11-1/2	Shell-band,Thru-bolt	Sleeve	Blower	Direct Drive
1/2	5-5/8	5	6-3/8	11-3/8	Shell-band,Thru-bolt	Sleeve	Blower	Direct Drive

SHAFT DIA (IN)	MOTOR BODY DIA (IN)	OVERALL SHAFT LENGTH (IN)	MOTOR BODY LENGTH (IN)	OVERALL MOTOR LENGTH (IN)	MOUNTING	BEARING TYPE	APPLICATION	DRIVE TYPE
1/2	5-5/8	5	4-13/16	9-13/16	Shell-band,Thru-bolt	Sleeve	Blower	Direct Drive
1/2	5-5/8	5	5-13/16	10-13/16	Shell-band,Shell-screw	Ball	Blower	Direct Drive
1/2	5-5/8	5	5-1/4	10-1/4	Shell-band,Thru-bolt	Sleeve	Blower	Direct Drive

SHAFT DIA (IN)	MOTOR BODY DIA (IN)	OVERALL SHAFT LENGTH (IN)	MOTOR BODY LENGTH (IN)	OVERALL MOTOR LENGTH (IN)	MOUNTING	BEARING TYPE	APPLICATION	DRIVE TYPE
1/2	5-5/8	5	4-7/8	10-3/8	Resilient Ring,Shell-band,Thru-bolt	Sleeve	Blower	Direct Drive
1/2	5-5/8	5	5-1/8	10-11/16	Resilient Ring,Shell-band,Thru-bolt	Sleeve	Blower	Direct Drive
1/2	5-5/8	4	6	10-3/8	Resilient Ring,Shell-band,Thru-bolt	Sleeve	Blower	Direct Drive
1/2	5-5/8	4	5-31/32	10-13/32	Resilient Ring,Shell-band,Thru-bolt	Sleeve	Blower	Direct Drive

SHAFT DIA (IN)	MOTOR BODY DIA (IN)	OVERALL SHAFT LENGTH (IN)	MOTOR BODY LENGTH (IN)	OVERALL MOTOR LENGTH (IN)	MOUNTING	BEARING TYPE	APPLICATION	DRIVE TYPE
1/2	5-5/8	5	4-3/4	9-3/4	Resilient Ring,Shell-band,Thru-bolt	Sleeve	Blower	Direct Drive
1/2	5-5/8	5	6-1/8	11-5/8	Resilient Ring,Shell-band,Thru-bolt	Ball	Blower	Direct Drive