

INSTALLATION INSTRUCTION

7900-6061/A (2-Speed) and 7900-6051/C (3-Speed) A/C Blower Packages

IMPORTANT NOTICE

These instructions are intended for the use of qualified individuals specially trained and experienced in installation of this type of equipment and related system components.

Installation and service personnel are required by some states to be licensed.

Persons not qualified shall not install this equipment or interpret these instructions.

WARNING

IMPROPER INSTALLATION MAY DAMAGE EQUIPMENT, CAN CREATE A SHOCK HAZARD, AND WILL VOID THE WARRANTY.

NOTE

The words "Shall" or "Must" indicate a requirement which is essential to satisfactory and safe product performance.

The words "Should" or "May" indicate a recommendation or advice which is not essential and not required but which may be useful or helpful.

APPLICATION

The 7900-6061/A and 7900-6051/C A/C blowers are designed for use on Manufactured Housing Gas Downflow Furnaces, and Oil & Gas Gun Furnaces.

BLOWER INSTALLATION

DANGER

SHOCK HAZARD

SHUT OFF ELECTRICAL SUPPLY TO FURNACE AT HOUSEHOLD BREAKER BOX TO PREVENT ELECTRICAL SHOCK, SEVERE PERSONAL INJURY, OR DEATH.

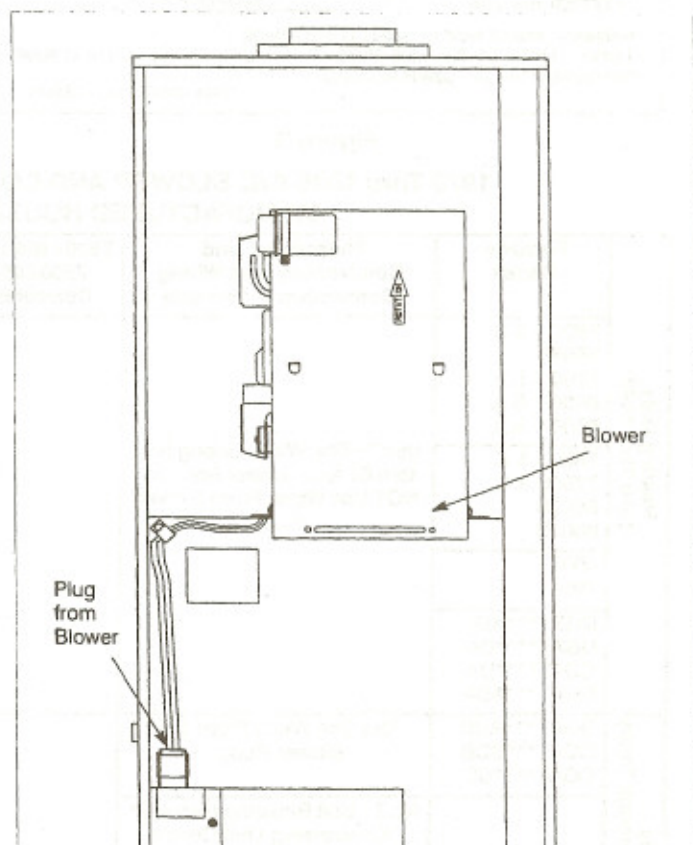
1. Remove upper door of furnace.
2. Turn system switch off.
3. **If the thermostat leads are connected to the existing blower plug, disconnect them.**
4. Unplug the existing blower from the control box receptacle by pinching the clasping tabs (on the sides of the plug) and pulling out.

5. Remove the two (2) front support screws.
6. Remove the two (2) blower railing screws, located on each side of the blower.
7. Slide the existing blower out of the furnace.
8. Slide the A/C Blower into furnace.
9. Secure blower by replacing the four (4) screws.

WIRING

1. Connect A/C blower to plug receptacle located on the control box.

NOTE: When properly aligned, the plug will slide smoothly into place. DO NOT FORCE. Insure clasping tabs snap into place.



If plastic wire clamps were removed during this procedure, insure that they are replaced.

2. Insure motor is set for proper speed. See Table 1.
3. If the thermostat leads were removed, re-connect them now.

THE FOLLOWING LISTED EVAPORATOR COILS AND CONDENSER UNITS ARE DESIGN CERTIFIED TO BE INSTALLED WITH THIS FURNACE WHEN EQUIPPED WITH BLOWERS AS LISTED IN THE CHART BELOW. DESIGN MAX. EXTERNAL S.P. 0.3" W.C. WITH EVAPORATOR COIL IN PLACE.

A/C CONDENSING UNIT MODEL NO.	H.R. OUTDOOR UNIT MODEL NO.	INDOOR COIL MODEL NO.
*RC*018***	*RH*018***	M**24***
*RC*024***	*RH*024***	M**30***
*RC*030***	*RH*030***	M**31***
*RC*036***	*RH*036***	M**35***
*RC*042***	*RH*042***	M**36***
*RC*048***		M**41***
		M**42***
		M**48***

* LETTER or NUMBER MAY VARY

BLOWER SELECTION CHART FOR MANUFACTURED HOUSING GAS AND OIL DOWNFLOW FURNACES

		FURNACE HEATING INPUT OR SERIES		
A/C REQUIREMENT	AIR DELIVERY REQUIREMENT	56,000 THRU 75,000	84,000 THRU 95,000	DGAM (MAGNUM)
3 TON OR LESS	NORMAL	7970-590 (FACTORY EQUIPPED)	7995-591 (FACTORY EQUIPPED)	7900-606 (FACTORY EQUIPPED)
	HEAVY	7900-6061*		
3-1/2 TON	NORMAL			
	HEAVY			
4 TON	NORMAL		7900-6051* FOR HEATING USE LOW SPEED	
	HEAVY		7900-6051* FOR HEATING USE LOW SPEED	
* LETTER MAY VARY		BLOWER PART NO.		

* LETTER MAY VARY

BLOWER PART NO.

NORMAL - SINGLE WIDE OR SMALL DOUBLE WIDE
HEAVY - LARGE DOUBLE WIDE OR DESERT CONDITIONS, ADD-ON HEAT PUMP, OR WHERE MORE AIR FLOW IS REQUIRED.

7945-320/G Rev.2 (3/96) Pl.

COMPLETION OF INSTALLATION

1. Turn on electrical supply to furnace.
2. Turn on system switch.
3. Re-install upper furnace door.
4. Insure proper blower operation for heating and air conditioning applications.

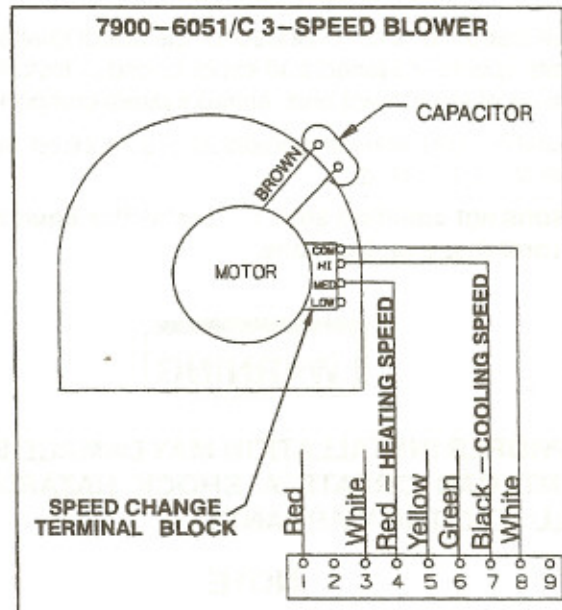


Figure 3

1970 Thru 1995 A/C BLOWER AND CONTROL WIRING APPLICATION GUIDE FOR MANUFACTURED HOUSING GAS AND OIL FURNACES

	Furnace Series	Thermostat and Condensing Unit Wiring Connection at Furnace	7900-6021/B (2 Wire) or 7900A6041 (4 Wire) Control Box Required	7900-6151 for 7900-6061/* or 7900-6161 for 7900-6051/* Blower Adapter Kit Required	7656-5761 Cap Assy. Required
Heating Only 1970 Thru 1993	7600- & A 7656F 7700- & A 8600- & A 8800- & A	Use T-Stat Wires Exiting Bottom Of A/C Control Box. DO NOT Use Wires From Blower Plug.	YES	YES 1970 Thru 1984	YES Approx. 1970 Thru 1980
	7600B & C 7700B & C 8600B 8800B				
	4000 7900				
	DGRT***AUA DGAT***DA COAT***DA CGAT***ADA				
	DGRT***AUB COAT***BDB DGAT***DC				
A/C Ready 1993 Thorough Today	DGAT***BDD	No T-Stat Rewiring Required Condensing Unit Control Wires Must Be Connected To The Control Board Inside Furnace Control Box. DO NOT Use Wires From Blower Plug.	NO	NO	NO

* Number or Letter May Vary.

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1973-077/B Rev.1 (5/96) Pl.

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