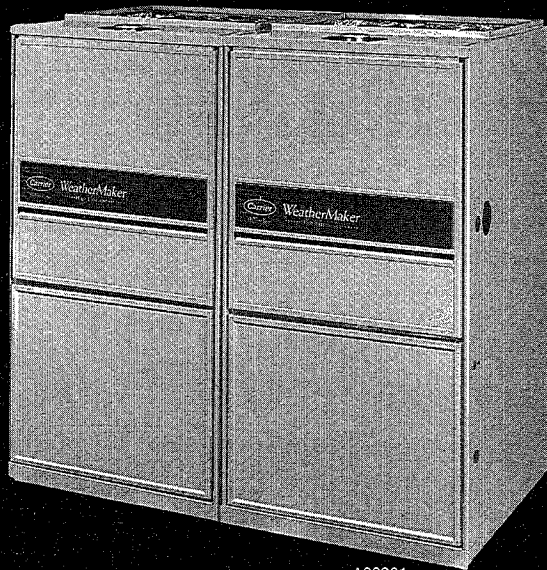




Product Data

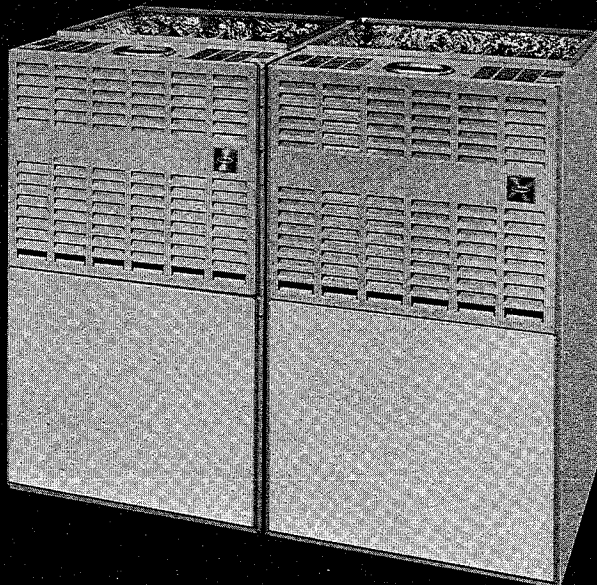
58PAV, 58WAV, and 58SXC Mid-Efficiency and Condensing Upflow Gas Furnace Accessory Twinning Kit

75,000 — 130,000 Btuh Output



Condensing Furnaces

A92301



Mid-Efficient Furnaces

A89072

Low installed cost with economical fuel usage

The furnace twinning kit permits operating 2 HSI upflow furnaces, of the same size and type, together on the same duct system to meet heating requirements when the demand is greater than a single furnace can provide. Twinned furnaces, when used with model 28LA008 or 012 A-Coil and matching condensing units, make a complete single-zone heating and cooling system for large homes and light commercial applications.

The twinning of these furnaces offer lower installed system cost and staged heating with either natural or propane gas. When used in staged heating applications, each furnace must be individually vented.

Twinned furnaces must use bottom return-air inlet only.

Features/Benefits

Casings — Wrap-around construction of prepainted steel with insulated blower and heat exchanger compartments and only 40 in. tall by 28-1/2 in. deep (mid-efficient) and 46 in. tall by 28-1/2 in. deep (condensing).

Heat exchanger — Four-pass design of aluminized steel for efficient heat transfer with non-prorated 20-year Limited Warranty.

Limit controls — Two manual reset auxiliary limit switches give added protection against reverse air circulation.

Twinning control module — Designed for easy installation and to accept the polarized connectors provided on the wiring harness. The field wiring is made quick and easy

with factory-assembled wire harnesses. Same kit permits synchronized or staged heating operation.

Staged Heat — When the heating requirement is less than maximum, staged heat can be accomplished by operating only 1 furnace. A 2-stage thermostat is required to accomplish staging operation.

Ignitor — Each furnace has a hot-surface ignitor for dependable efficient operation.

These furnaces are A.G.A. design certified for natural and propane gases. The efficiency rating is certified in accordance with U.S. Government DOE test procedures and listed in the GAMA (Gas

Appliance Manufacturers Association) directory as individual furnaces.

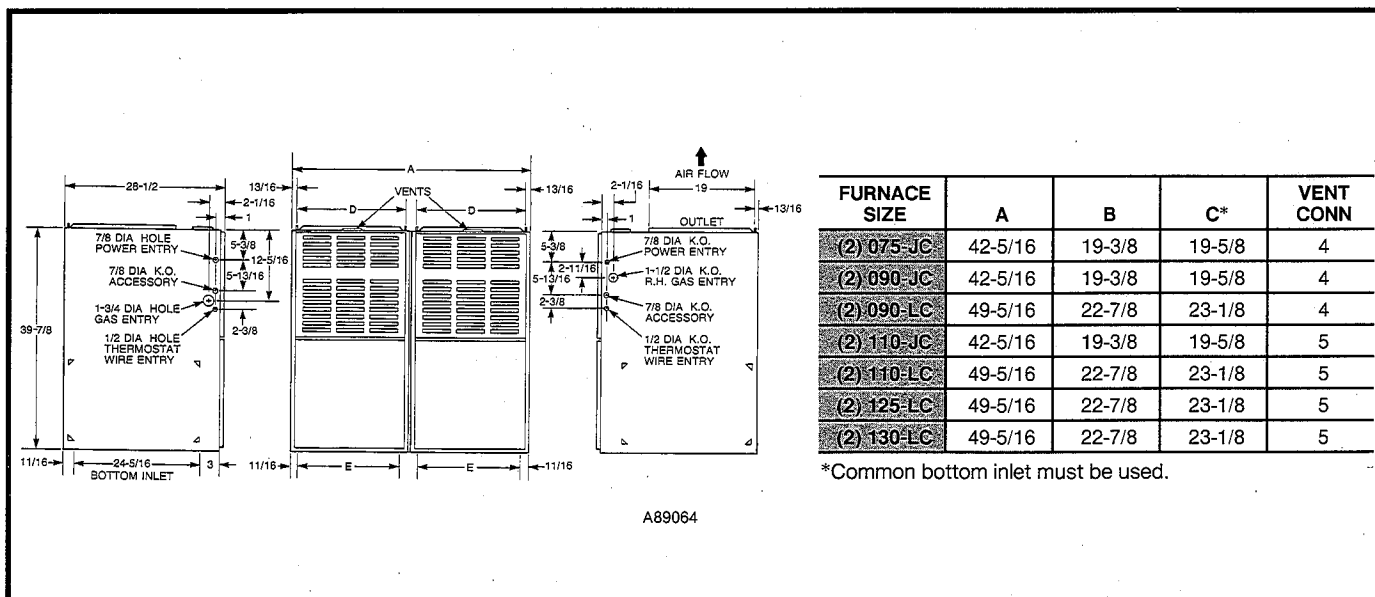
Venting of twinned furnaces may have specific requirements for each installation. See the Venting section and tables in the furnace Installation Instructions for these requirements.

Electrical data (Mid-efficient furnaces)

FURNACE SIZE		075-JC	090-JC	090-LC	110-JC	110-LC	125-LC	130-LC
KIT PART NO.		KGATW0101HSI						
VOLTS-PHASE-HERTZ (each furnace)		115-1-60						
MINIMUM WIRE SIZE (each furnace)	AWG	14	14	12	14	12	12	12
MAXIMUM FUSE SIZE (each furnace)	Amps	15	15	20	15	20	20	20
TRANSFORMER (24v) (each furnace)		40va						
EXTERNAL CONTROL POWER AVAILABLE	Heating	9va — Left-Hand Unit						
	Cooling	12va — Left-Hand Unit						
BLOWER RELAY CONTACT RATING		(2) 3/4 hp						
LIMIT CONTROL		(2) Manual Reset						
KIT SHIPPING WEIGHT lb		4						
PHYSICAL DATA*		See Furnace Data Sheet						

*See the furnace Product Data Sheet for ratings and air delivery (double air flow performance as listed for single furnace).

Dimensions (mid-efficient furnaces)

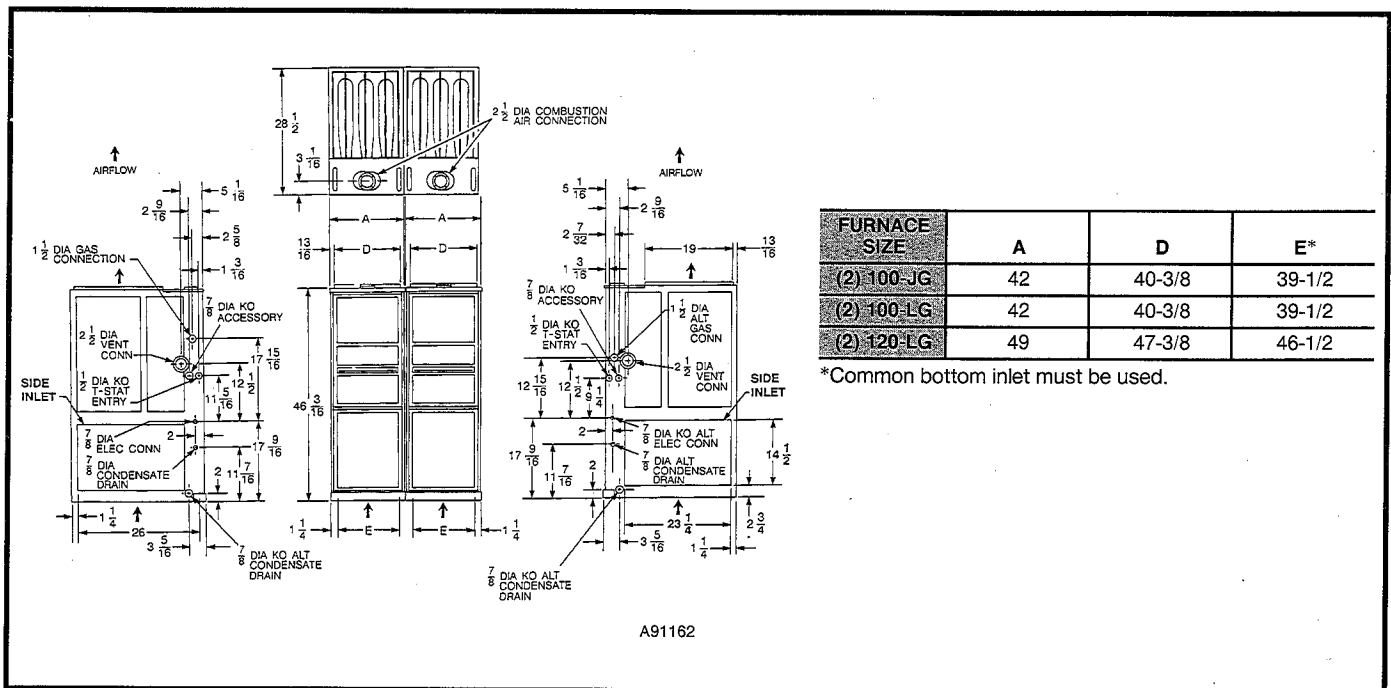


Electrical data (condensing furnaces)

FURNACE SIZE		100-JG	100-LG	120-LG
KIT PART NO.		KGATW0101HSI		
VOLTS-PHASE-HERTZ (each furnace)		115-1-60		
MINIMUM WIRE SIZE (each furnace)	AWG	14	12	12
MAXIMUM FUSE SIZE (each furnace)	Amps	15	20	20
TRANSFORMER (24v) (each furnace)		40va		
EXTERNAL CONTROL POWER AVAILABLE	Heating	9va — Left-Hand Unit		
	Cooling	12va — Left-Hand Unit		
BLOWER RELAY CONTACT RATING		(2) 3/4 hp		
LIMIT CONTROL		(2) Manual Reset		
KIT SHIPPING WEIGHT lb		4		
PHYSICAL DATA*		See Furnace Data Sheet		

*See the furnace Product Data Sheet for ratings and air delivery (double air flow performance as listed for single furnace).

Dimensions (condensing furnaces)





Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligations.