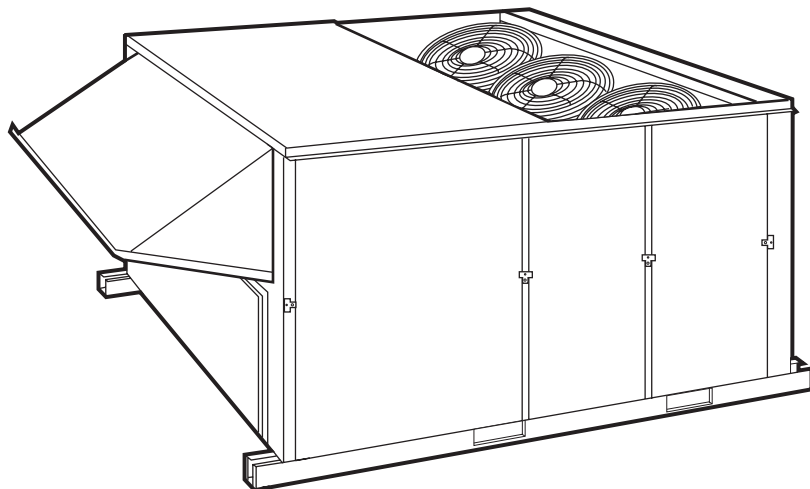


542J SOURCE GUIDE



542J150 and 180



542J **High Efficiency Rooftop** **Electric Heating/Cooling Units** **13 and 15 Tons**

Features and Benefits

- Single 06D Semi-Hermetic Compressor with One Electric Unloader on 150 Model
- Dual 06D Semi-Hermetic Compressors on Independent Refrigeration Circuits on 180 Model
- Compressor Protection Includes High and Low Pressure Cutouts, Overcurrent and Overtemperature Protection
- Freezestat Protection, Crankcase Heaters, and Compressor Circuit-Breaker Protection Provided as Standard
- Compressor Suction and Discharge Service Valves
- Filter Driers are Provided in Each Refrigeration Circuit
- Standard Units can Operate Down to 40°F Outdoor Temperature (0°F and -20°F Low Ambient Kits Available)
- Electric Heat Available on all Models
- Oversized High Static Capable Motors, Variable Pitch Belt Drives & Dual Centrifugal Evaporator Fans Standard on all Models
- Provision for Alternate Side Return is Standard on all Models
- Horizontal Supply Available by Using Accessory Downflow-to-Horizontal Conversion Adapter. Economizer can be Used with Horizontal Supply/Return. Power Exhaust and Barometric Relief Must be External to the Unit if Used With Horizontal Supply/Return
- Manually Adjustable Ventilation Air Intake for up to 25% Outside Air. A Rain-Proof Hood Assembly is Standard
- Two-Position 25% Ventilation Air Damper Assembly Powered by a Spring Return Motor is Available as a Factory-Installed Option or Accessory
- Fully Modulating Integrated Economizer with a Spring Return Motor is Available as a Factory-Installed Option or Accessory
- Cabinet Made of Baked Enamel Finish Prepainted Steel and Insulated With Neoprene Coated Fiberglass
- Glycol Coil Accessory

Limited Standard Warranty

- Standard One-Year Product Warranty
- Five-Year Warranty on the Compressor (150,180)

Physical Data

MODEL	NOM. TONS	ARI* COOLING PERFORMANCE		HEATING OUTPUT				STD. CFM	APPROX. SHIPPING WEIGHT (lbs)	SOUND (bels)	DIMENSIONS (inches)		
		BTUH	EER	HIGH TEMP		LOW TEMP					W	H	D
				BTUH	COP	BTUH	COP						
542J-X150	13	140,000	9.80	136,000	3.2	72,000	2.1	4500	1615	8.8	86 1/8	45	83.5
542J-X180	15	172,000	9.30	172,000	3.3	94,000	2.2	5200	1925	9.0	86 1/8	45	83.5

* Air-Conditioning & Refrigerant Institute.
bels=Sound Levels (1 bel = 10 decibels)
COP=Coefficient of Performance
EER=Energy Efficiency Ratio

NOTES:

1. Rated in accordance with ARI Standard 340/360-93.
2. Ratings are net values, reflecting the effects of circulating fan heat. Ratings are based on Cooling standards of 80°F db, 67°F wb indoor entering-air temperature and 95°F° db air entering outdoor unit.





residential/ hvac commercial



[residential hvac](#) / [commercial hvac](#) / [about us](#) / [what's new](#)

Welcome to Barker Mechanical Services Inc. Our HVAC firm has been serving the San Francisco Bay Area for over 50 years and provides residential and commercial air conditioning and heating installation, maintenance and repair.

We look forward to serving your heating & cooling needs!

Joe Barker, President

6800 Sierra Court Suite L
Dublin, CA 94568

925-560-0280 phone
925-560-0288 fax

info@barkermech.com email