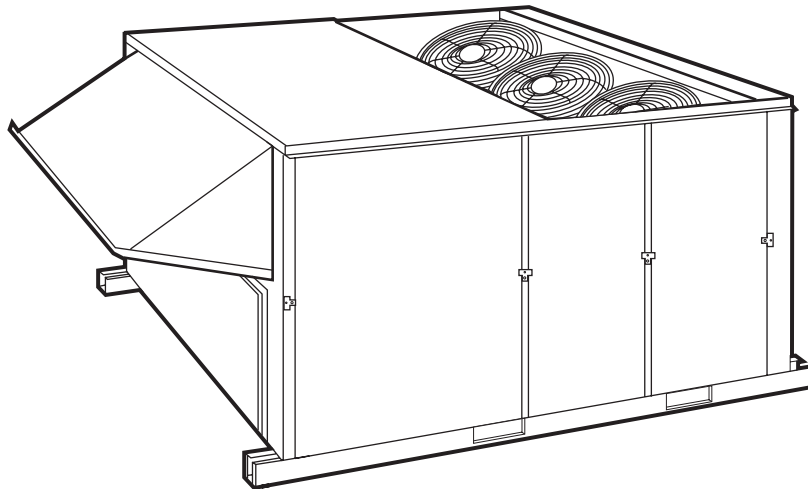


559F SOURCE GUIDE



**559F180 and 216
Models Shown**

Limited Standard Warranty

- Standard One-Year Product Warranty
- One-Year Warranty on the Compressor



559F High Efficiency Rooftop Electric Cooling Units 15-25 Tons

Features and Benefits

- Single 06D Semi-Hermetic Compressor with One Electric Unloader on 180 Model
- Dual 06D Semi-Hermetic Compressors on Independent Refrigeration Circuits on all 216, 240, and 300 Models
- 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 with all 180 and 216 Models, 25°F with all 240 Models, and 48°F with all 300 Models (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 Pre-painted Steel and Insulated With Neoprene Coated Fiberglass
- Glycol Coil Accessory

**SIZING AND
SELECTION CHART**

Physical Data

MODEL	NOM. TONS	ARI* COOLING PERFORMANCE			STD. CFM	APPROX. SHIPPING WEIGHT (lbs)	SOUND (bels)	DIMENSIONS (inches)		
		BTUH	IPLV	EER				W	H	D
559F-X180	15	178,000	10.7	8.60	5250	1550	8.8	86 1/8	45	83 1/2
559F-X216	18	190,000	9.2	8.90	6000	2050	9.0	86 1/8	45	83 1/2
559F-X240	20	222,000	8.8	8.70	6200	2100	9.5	86 1/8	47 1/4	83 1/2
559F-X300	25	268,000	8.4	8.60	7200	2175	9.5	86 1/8	47 1/4	83 1/2

* Air-Conditioning & Refrigerant Institute.
bels=Sound Levels (1 bel = 10 decibels)
EER=Energy Efficiency Ratio
IPLV=Integrated Part-Load Value
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 standard of 80°F db, 67°F wb indoor entering-air temperature and 95°F db air entering outdoor unit.





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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!

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