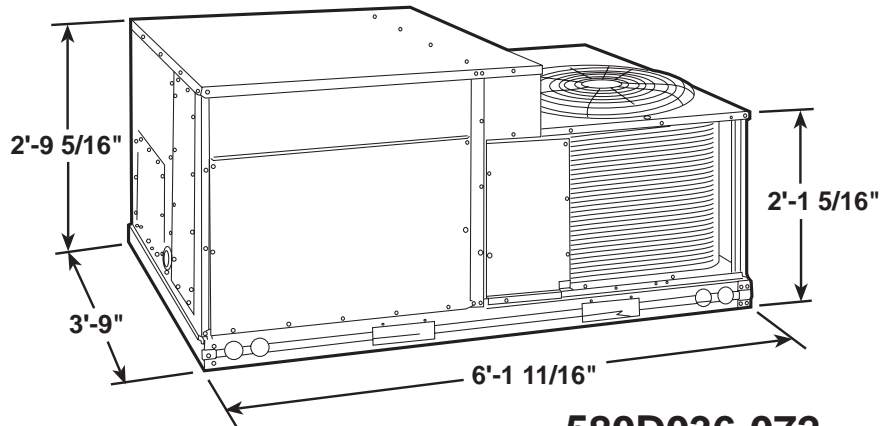


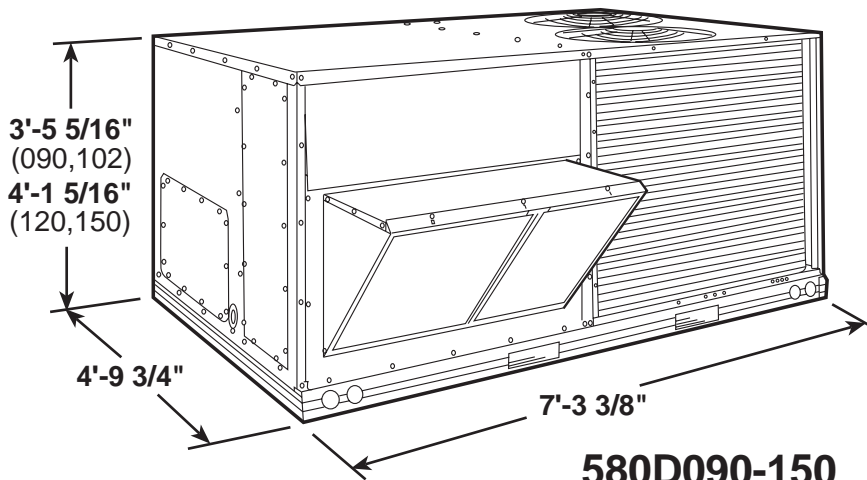
580D SOURCE GUIDE



580D Standard Efficiency Gas/Electric Rooftop Units 3 - 12.5 Tons



580D036-072



580D090-150

Features

- Commercial Workhorse Providing 3-12.5 Tons at Standard Efficiency
- Integrated gas control board makes gas heating more reliable, safe, and efficient
- Induced-Draft Combustion provides the exact amount of combustion air for the most efficient operation
- Direct Spark Ignition System Saves Operating Expense and Unnecessary Service Calls
- Tubular-Dimpled U-Shaped Cell Design of the Heat Exchanger, Provides High-Efficiency Heating Operation
- Furnace Safety Controls Shut Off Gas if there is a Burner Outage, Combustion-Air Failure, Over Heating of Heat Exchanger, or Flame Rollout
- Superior Access to Filters, Drain Pan, Indoor and Outdoor Coils, and Compressors for Quick Service
- Easily Converted From Vertical to Horizontal Supply and Return
- Only Two Roof Curbs Required for 3-12.5 Tons
- Sloped, Composite Condensate Drain Pan
- Full Perimeter Base Rails with Built in Rigging Capability
- Low Ambient Operation to 25°F Standard, -20°F with Accessory
- Weather Resistant Cabinet is Coated with Prepainted Enamel Finish and G60 Galvanized Base
- Full Line of Commercial Accessories Available
- Unequalized Line of Factory- Installed Options:
 - High Static Motors
 - Manual Air
 - Economizer
 - Refrigerant Controls Upgrade
 - Copper or Technicoat Coils
- 1-Year Product Warranty
- 5-Year Heat Exchanger and Compressor Warranty

**SIZING AND
SELECTION CHART**

CAPACITY RATINGS

MODEL	NOM. TONS	ARI* COOLING PERFORMANCE			HEATING INPUT (MBH)			AFUE %	STD. CFM	APPROX. SHIP. WT. (lbs)	SOUND (bels)
		BTUH	SEER**	EER	Hi	Med	Lo				
580D036	3	35,000	10	—	115	74	—	80	1200	460	8.2
580D048	4	47,000	10	—	150	115	74	80	1600	470	8.2
580D060	5	57,000	10	—	150	115	74	80	2000	490	8.2
580D072	6	70,000	—	9	150	115	74	80	2100	565	8.2
580D090	7.5	86,000	—	8.9	225	180	125	80	2800	870	8.6
580D102	8.5	98,000	—	9	225	180	125	80	3000	880	8.6
580D120	10	117,000	—	9	250	225	180	80	4000	1035	8.8
580D150	12.5	142,000	—	9	—	250	225	80	4500	1050	8.8

* Air-Conditioning & Refrigerant Institute.

** SEER Rates are with Alternate Motor.

HEATING CAPACITIES AND EFFICIENCIES, 036-150 UNITS

UNIT 580D	HEATING INPUT (Btuh) Stage 2/Stage 1	OUTPUT CAPACITY (Btuh)	TEMPERATURE RISE (F)	AFUE (%)	STEADY-STATE EFFICIENCY (%)	CALIFORNIA SEASONAL EFFICIENCY (%)
036 074	74,000	59,200	25-55	80.0	80.0	77.2
036 115	115,000/82,000	92,000	55-85	80.0	80.0	76.7
048 074	74,000	59,200	25-55	80.0	80.0	77.2
048 115	115,000	92,000	35-65	80.0	80.0	77.1
048 150	150,000/120,000	120,000	50-80	80.0	80.0	76.9
060 074	74,000	59,200	25-55	80.0	80.0	77.2
060 115	115,000	92,000	35-65	80.0	80.0	77.1
060 150	150,000/120,000	120,000	50-80	80.0	80.0	76.9
072 074	74,000	59,200	25-55	80.0	80.0	77.2
072 115	115,000	92,000	35-65	80.0	80.0	77.1
072 150	150,000/120,000	120,000	50-80	80.0	80.0	76.9
090 125	125,000	100,000	20-50	80.0	80.0	75.8
090 180	180,000/120,000	144,000	35-55	80.0	80.0	77.1
090 220	225,000/180,000	180,000	45-75	80.0	80.0	77.1
102 125	125,000	100,000	20-50	80.0	80.0	75.8
102 180	180,000/120,000	144,000	35-65	80.0	80.0	77.1
102 220	225,000/180,000	180,000	45-75	80.0	80.0	77.1
120 180	180,000/120,000	144,000	35-65	80.0	80.0	77.1
120 220	225,000/180,000	180,000	35-65	80.0	80.0	77.1
120 250	250,000/200,000	200,000	40-70	80.0	80.0	76.4
150 220	225,000/180,000	180,000	35-65	80.0	80.0	77.1
150 250	250,000/200,000	200,000	40-70	80.0	80.0	76.4

AFUE — Annual Fuel Utilization Efficiency

NOTE: NO_x levels are 40 nanograms/joule with the accessory NO_x reduction kit (036-150).





residential/ hvac commercial



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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!

Joe Barker, President

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