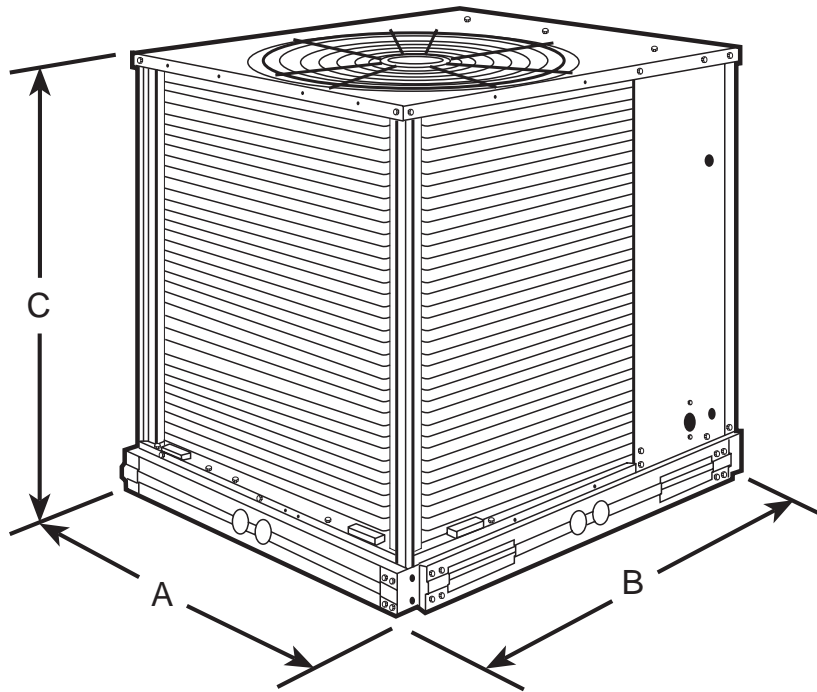


576B SOURCE GUIDE



576B Split System Condensing Units 7.5, 8.5 & 10 Tons



SIZE 576B	A	B	C
576B090,102,120	3' - 3-1/2"	3' - 10-9/16"	3' - 5-7/16"

Features

- System Application Flexibility
- Matches Bryant's Indoor Air Handlers and DX Coils
- Highly Reliable Semi-Hermetic Compressors
- Years of Trouble-Free Operation

Factory Options

- Copper Fin Coil
- Precoated Aluminum Fin Coil

Field Accessories

- Gauge Package
- Winter-Start Relay Package
- Hail Guards
- Coil Guards
- Low Ambient Controls
- Thermostats

**SIZING AND
SELECTION CHART**

CAPACITY RATINGS

UNIT 576B	INDOOR UNIT	EVAPORATOR AIRFLOW (Cfm)	SYSTEM		CONDENSING UNIT ONLY	
			NET CAP. (Btuh)	EER	NET CAP. (Btuh)	EER
090	524A072	2400	84,000	9.8	97,000	11.5
	524A090	3000	90,000	9.9		
	524A120	3450	93,000	9.9		
102	524A090	3000	101,000	9.0	115,000	10.7
	524A120	4000	109,000	9.0		
120	524A090	3000	102,000	9.1	117,000	10.6
	524A120	4000	109,000	9.0		
	524A150	4200	114,000	9.6		

ELECTRICAL DATA

UNIT 576B	NOMINAL VOLTAGE (V-Ph-Hz)	VOLTAGE RANGE		COMPR		OFM	POWER SUPPLY	
		Min	Max	RLA	LRA	FLA	MCA	MOCP
090	208/230-3-60	187	254	31.5	160	3.1	42.5	50
	460-3-60	414	508	15.7	80	1.4	21.0	25
	575-3-60	518	632	12.6	64	1.4	17.2	20
102	208/230-3-60	187	254	39.7	198	3.1	52.7	70
	460-3-60	414	508	19.9	99	1.4	26.3	35
	575-3-60	518	632	15.9	79	1.4	21.3	25
120	208/230-3-60	187	254	39.7	198	3.1	52.7	70
	460-3-60	414	508	19.9	99	1.4	26.3	35
	575-3-60	518	632	15.9	79	1.4	21.3	25

SPECIFICATIONS

BASE UNIT	576B090	576B102	576B120
NOMINAL CAP. (tons)	7-1/2	8-1/2	10
OPERATING WT. (lb)	510	564	564
RIGGING WEIGHT (lb)	560	614	614
REFRIGERANT* Operating Charge, Approx. (lb)	R-22 10		
UNIT VOLUME (cu ft)	44.0	44.0	44.0
COMPRESSOR	Reciprocating, Semi-Hermetic		
Qty...Type	1...06DA818	1...06DA824	1...06DH824 (See Note)
Qty Cylinders (ea)	4	6	6
Speed (rpm)	1750	1750	1750
Oil Charge (oz) (ea)	88	128	128
CONDENSER AIR FAN	Propeller; Direct Drive		
Qty...Rpm	1...1100	1...1100	1...1100
Diameter (in.)	26	26	26
Motor Hp (NEMA)	3/4	3/4	3/4
Watts	930	930	930
Nominal Cfm Total	6500	6500	6500
CONDENSER COIL	Enhanced Copper Tubes, Aluminum Lanced Fins		
Face Area (sq ft)	18.0	18.0	18.0
Storage Capacity (lb)†	16.56	16.56	16.56
CONNECTIONS (sweat)			
Suction (in.)	1-1/8	1-1/8	1-1/8
Liquid (in.)	1/2	5/8	5/8
CONTROLS			
Pressurestat Settings (psig)	426 ± 7		
High Cutout	320 ± 20		
 Cut-in	7 ± 3		
Low Cutout	22 ± 5		
 Cut-in			

* Unit is factory supplied with holding charge only.

† Storage capacity of condenser coil with coil 80% full of liquid R-22 at 124F.

NOTE: Unit 576B120 has one step of unloading. Full load is 100% of capacity, and one step of unloading is 67% capacity. Unit 576B120 has the following unloader settings: Load is 70 ± 1 psig and unload is 60 ± 2 psig.





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We look forward to serving your heating & cooling needs!

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