

**569J**

**60Hz, Sizes 07 - 25**

**AIR-COOLED CONDENSING UNITS  
WITH PURON® (R-410A) REFRIGERANT**



## Submittal Data



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to [www.ahridirectory.org](http://www.ahridirectory.org).



### DESCRIPTION

569J units are air-cooled condensing units which are easily connected by refrigerant lines and low voltage control wiring to matching Bryant packaged air-handling units or other suitable evaporator units to provide customized packages covering a wide range of cooling requirements. Powerful, direct-drive axial-flow fans are mounted horizontally with vertical coils, resulting in a desirable low silhouette. They are ideal for new construction or renovation where quality and performance are required.

**LEGACY  
LINE**

### STANDARD FEATURES

- Puron (R-410A) HFC refrigerant
- Single Circuit (569J\*\*\*A/B) are available in 07 to 25 models.
- Dual Circuit (569J\*\*\*D/F) are available in 12 to 25 models.
- Novation™ condenser coil available on size 07 - 16 units.
- Round Copper Tube/Aluminum Plate Fin (RTPF) condenser coil available on size 07 - 25 units
- Cooling operating range up to 125°F (52°C) and down to 35°F (2°C)
- Brass suction and liquid line service valves
- Fully Hermetic Scroll compressor with crankcase heater
- New terminal board facilitating simple safety circuit troubleshooting and simplified control box arrangement. 24-volt 75va control system
- High and low pressure switches.
- UL and UL, Canada apply to standard units; 575-volt units UL, Canada only.
- Comfort Alert™ Diagnostic Board:
  - LED Go-No-Go and fault code
  - Built in time guard anti short cycle
  - Phase protection
  - Fault code retention logic
  - Low voltage compressor contactor protection
- Full perimeter base rails with built-in rigging adapters and fork truck slots.
- Pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection.
- Direct drive permanently lubricated condenser fan motors.
- All units factory run tested.
- Compressors mounted on independent vibration isolators
- Standard parts warranty,
  - 5-year compressor parts
  - 3-year Novation condenser coil parts
  - 1-year RTPF condenser coil parts
  - 1-year parts

## PERFORMANCE DATA

Cooling Capacity: \_\_\_\_\_ Btuh      Compressor Power Input: \_\_\_\_\_ kW  
Ambient Air Temperature: \_\_\_\_\_ °F      Compressor Fan Power Input: \_\_\_\_\_ kW  
Saturated Suction Temperature: \_\_\_\_\_ °F      Compressor Unloading Steps: \_\_\_\_\_ %  
Saturated Condensing Temperature: \_\_\_\_\_ °F      Minimum Ambient Air Temperature  
Standard Unit: \_\_\_\_\_ °F

## ELECTRICAL DATA

Power Supply to Unit \_\_\_\_\_ Volts \_\_\_\_\_ Phase \_\_\_\_\_ Hz  
Minimum Circuit Amps \_\_\_\_\_ Maximum Overcurrent Protection \_\_\_\_\_

## SUBMITTAL DATA

Job Name \_\_\_\_\_  
Architect \_\_\_\_\_  
Engineer \_\_\_\_\_  
Contractor \_\_\_\_\_  
Unit Designation \_\_\_\_\_

## OPTIONS AND ACCESSORIES

### FACTORY-INSTALLED OPTIONS (FIOPs)

- E-Coated Condenser Coil
- Additional Pre Coat on RTPF units
- Copper/Copper Coils on RTPF units
- Motormaster<sup>®</sup> Low ambient head pressure controller, down to -20°F (-29°C)
- Non-fused disconnect
- Powered 115-volt convenience outlet
- Non-powered 115-volt convenience outlet
- Condenser hail guard - louvered style

### OPTIONAL WARRANTIES

- Complete Unit Parts only up to 5 years
- Complete Unit Parts and Labor up to 5 years

Many other optional warranties are available.  
See the *Commercial Start-Up and Optional Extended Warranty Price* price pages for further information.

### FIELD INSTALLED ACCESSORIES

- Motormaster<sup>®</sup> Low ambient head pressure controller, down to -20°F (-29°C)
- Winter start kit, down to 25°F (-4°C)
- Suction Line Accumulator
- Liquid Line Solenoid Valve
- Solenoid Coil
- Sight Glass
- Condenser hail guard - louvered style
- Wired Grille - Condenser Coil guard
- Thermostats and thermostat accessories

# CERTIFIED DIMENSION 569J\*07, 08, 12, 14

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UNIT	ELECTRICAL CHARACTERISTICS	STD. UNIT WT.		CORNER A		CORNER B		CORNER C		CORNER D		CENTER OF GRAVITY			UNIT HEIGHT			
		LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	X	Y	Z	H	H		
569J-07A (MCHX)	208/230-3-60,460-3-60,575-3-60	328	149	128	58	68	31	62	28	70	32	21	1533.4	19	1482.6	13	1330.2	42-3/8 [1076.0]
569J-08A (MCHX)	208/230-3-60,460-3-60,575-3-60	353	160	138	63	72	33	65	29	78	35	19	1482.6	23	1584.2	13	1330.2	42-3/8 [1076.0]
569J-12A (MCHX)	208/230-3-60,460-3-60,575-3-60	418	190	165	75	85	39	78	35	90	41	23	1584.2	20	1508.0	15	1381.0	50-3/8 [1279.2]
569J-14A (MCHX)	208/230-3-60,460-3-60,575-3-60	431	196	162	73	82	37	92	42	95	43	19	1482.6	23	1584.2	15	1381.0	50-3/8 [1279.2]
569J-12D (MCHX)	208/230-3-60,460-3-60,575-3-60	499	226	193	88	111	50	72	38	123	56	20	1508.0	23	1584.2	15	1381.0	50-3/8 [1279.2]
569J-14D (MCHX)	208/230-3-60,460-3-60,575-3-60	505	229	190	86	88	40	76	34	151	68	20	1508.0	24	1609.6	15	1381.0	50-3/8 [1279.2]
569J-07A (RTPF)	208/230-3-60,460-3-60,575-3-60	389	176	141	64	96	44	62	28	91	41	18	1457.2	24	1609.6	21	1533.4	42-3/8 [1076.0]
569J-08A (RTPF)	208/230-3-60,460-3-60,575-3-60	391	177	142	64	96	44	62	28	91	41	18	1457.2	24	1609.6	21	1533.4	42-3/8 [1076.0]
569J-12A (RTPF)	208/230-3-60,460-3-60,575-3-60	490	222	177	80	120	54	78	35	114	52	18	1457.2	24	1609.6	24	1609.6	50-3/8 [1279.2]
569J-14A (RTPF)	208/230-3-60,460-3-60,575-3-60	598	271	195	88	142	64	110	50	151	68	20	1508.0	25	1635.0	24	1609.6	50-3/8 [1279.2]
569J-12D (RTPF)	208/230-3-60,460-3-60,575-3-60	516	234	185	84	117	53	83	38	131	59	19	1482.6	23	1584.2	24	1609.6	50-3/8 [1279.2]
569J-14D (RTPF)	208/230-3-60,460-3-60,575-3-60	654	297	214	97	155	70	120	54	165	75	20	1508.0	25	1635.0	24	1609.6	50-3/8 [1279.2]
575J-07A	208/230-3-60,460-3-60,575-3-60	444	201	134	61	97	44	90	41	123	56	22	1558.8	25	1635.0	13	1330.2	42-3/8 [1076.0]
575J-08A	208/230-3-60,460-3-60,575-3-60	483	219	162	74	110	50	85	39	125	57	20	1508.0	24	1609.6	21	1533.4	42-3/8 [1076.0]
575J-12A	208/230-3-60,460-3-60,575-3-60	575	261	186	84	126	57	106	48	157	71	21	1533.4	24	1609.6	23	1584.2	50-3/8 [1279.2]

**NOTES:**

1. MINIMUM CLEARANCE (LOCAL CODES OR JURISDICTION MAY PREVAIL):
  - A. BOTTOM TO COMBUSTIBLE SURFACES: 0 INCHES.
  - B. OUTDOOR COIL, FOR PROPER AIR FLOW: 36 INCHES ONE SIDE, 12 INCHES THE OTHER. THE SIDE GETTING THE GREATER CLEARANCE IS OPTIONAL.
  - C. OVERHEAD: 60 INCHES, TO ASSURE PROPER OUTDOOR FAN OPERATION.
  - D. BETWEEN UNITS: CONTROL BOX SIDE, 42 INCHES PER NEC.
  - E. BETWEEN UNIT AND UNGROUNDED SURFACES: CONTROL BOX SIDE, 36 INCHES PER NEC.
  - F. BETWEEN UNIT AND BLOCK OR CONCRETE WALLS AND OTHER GROUNDED SURFACES: CONTROL BOX SIDE, 42 INCHES PER NEC.
2. WITH EXCEPTION OF THE CLEARANCE FOR THE OUTDOOR COIL AS STATED IN NOTE 1B, A REMOVABLE FENCE OR BARRICADE REQUIRES NO CLEARANCE.
3. UNITS MAY BE INSTALLED ON COMBUSTIBLE FLOORS MADE FROM WOOD OR CLASS A, B OR C ROOF COVERING MATERIAL.

DATE	12/06/10	SUPERCODES	08/06/10	CONDENSING UNIT	569J-A / 569J-D / 575J-A - 07/08/12/14
REV					38AU500350

C11105





# CERTIFIED DIMENSION 569J\*16

UNIT	ELECTRICAL CHARACTERISTICS	STD. UNIT WT.	CORNER A	CORNER B	CORNER C	CORNER D	CENTER OF GRAVITY			UNIT HEIGHT									
		LBS.	KG.	LBS.	KG.	LBS.	KG.	X	Y	Z	H								
569JA16 (MCHR)	208/230-3-60-460-3-60-575-3-60	633	288	220	100	134	61	135	61.5	144	65.5	38	[1965.2]	19	[482.6]	15	[381]	50-2/8	[1279.2]
569JD16 (MCHR)	208/230-3-60-460-3-60-575-3-60	633	288	220	100	134	61	135	61.5	144	65.5	38	[1965.2]	19	[482.6]	15	[381]	50-2/8	[1279.2]
569JA16 (RTPF)	208/230-3-60-460-3-60-575-3-60	731	332	237	107	172	78	135	61	186	84	38	[1965.2]	19	[482.6]	17	[431.8]	50-2/8	[1279.2]
569JD16 (RTPF)	208/230-3-60-460-3-60-575-3-60	731	332	237	107	172	78	135	61	186	84	38	[1965.2]	19	[482.6]	17	[431.8]	50-2/8	[1279.2]

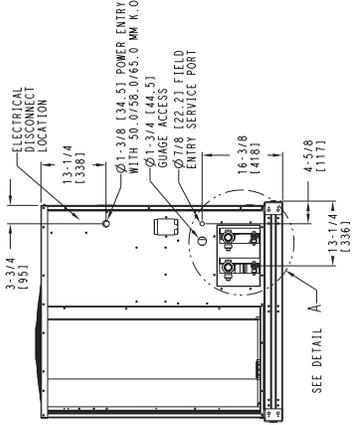
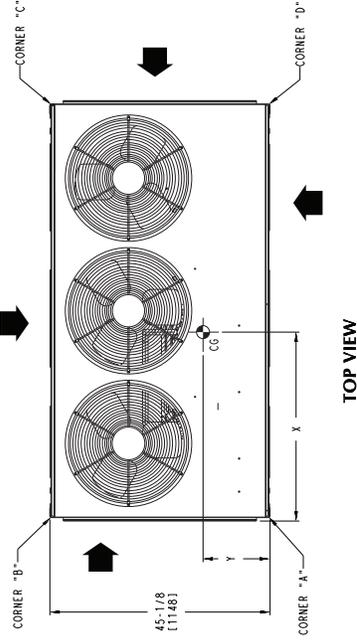
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13201

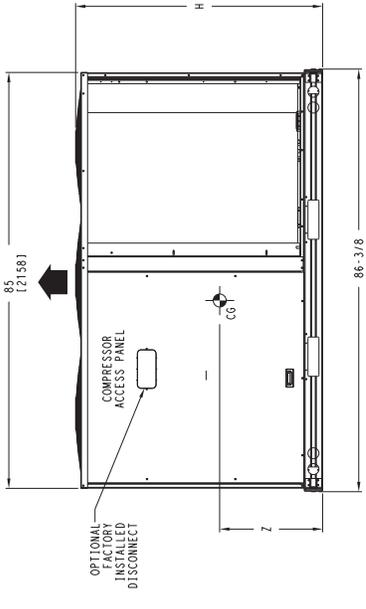
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UNIT  
569JA16 1-3/8 [34.9] 5/8 [15.9] 1 EA  
569JD16 1-3/8 [34.9] 1/2 [12.7] 2 EA

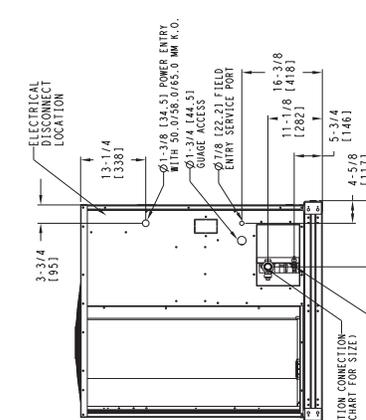
NOTES:  
1. MINIMUM CLEARANCE (LOCAL CODES OR JURISDICTION MAY VARY):  
A. BOTTOM TO COMBUSTIBLE SURFACES: 0 INCHES  
B. OUTDOOR COLL. FOR PROPER AIR FLOW: 36 INCHES  
C. ONE SIDE, 12 INCHES THE OTHER, THE SIDE GETTING THE GREATER CLEARANCE IS OPTIONAL.  
D. BETWEEN UNIT AND UNGROUNDED SURFACES: CONTROL BOX OPERATION: 60 INCHES, TO ASSURE PROPER OUTDOOR FAN OPERATION.  
E. BETWEEN UNITS: CONTROL BOX SIDE, 42 INCHES PER NEC. DECK SIDE, 36 INCHES PER NEC. FOR CONCRETE WALLS AND OTHER DECK SURFACES.  
F. GROUND SURFACES: CONTROL BOX SIDE, 42 INCHES PER NEC.  
2. WITH EXCEPTION OF THE CLEARANCE FOR THE OUTDOOR COLL. AS STATED IN NOTE 1B, A REMOVABLE FENCE OR FLOOR COVERING MAY BE INSTALLED ON COMBUSTIBLE FLOORS MADE OF WOOD OR CLASS A, B OR C ROOF COVERING MATERIAL.



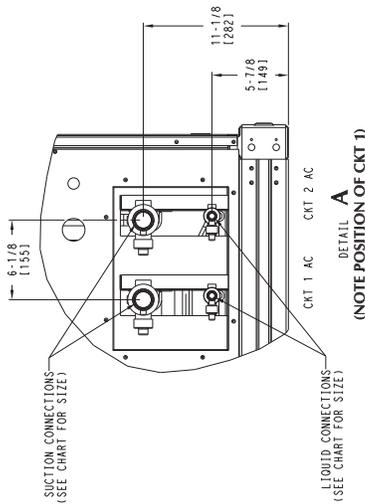
LEFT SIDE VIEW FOR 569JD SYSTEMS



FRONT VIEW



LEFT SIDE VIEW



DETAIL A (NOTE POSITION OF CKT 1)

569JA AND 569JD CONDENSING UNIT	DATE 11/18/10	SUPERCODES 08/04/10	REV F
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38AU500504

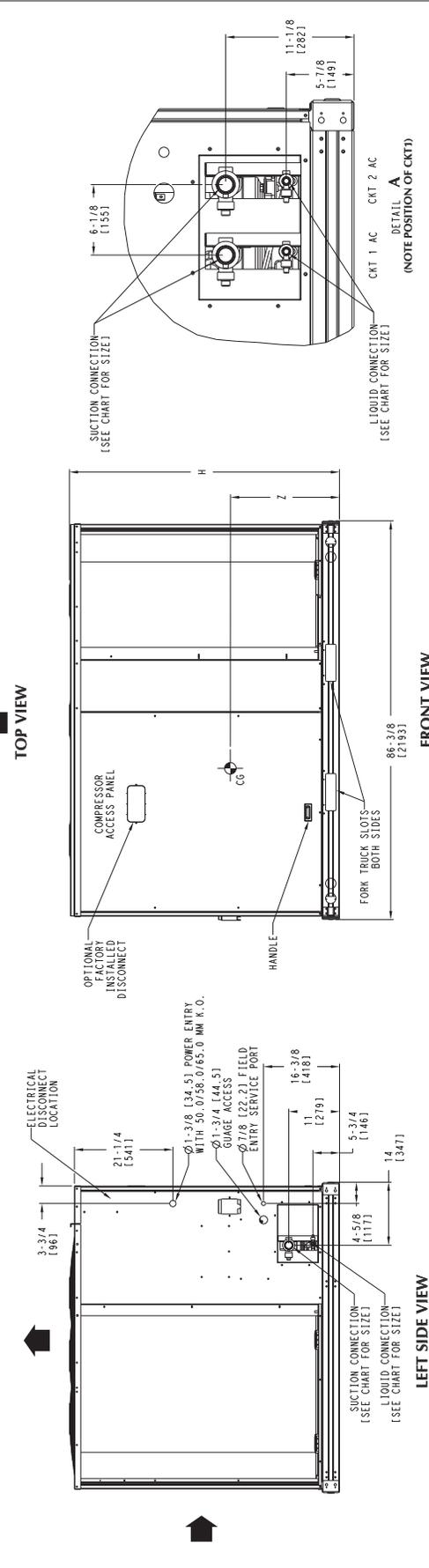
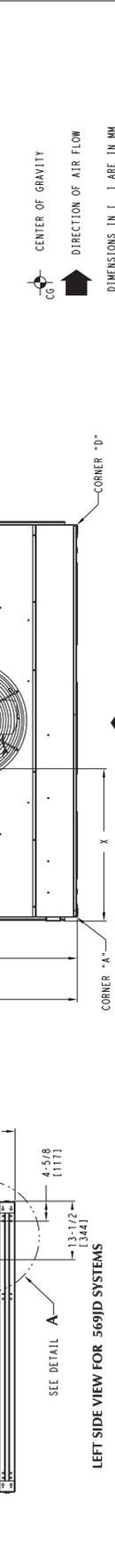
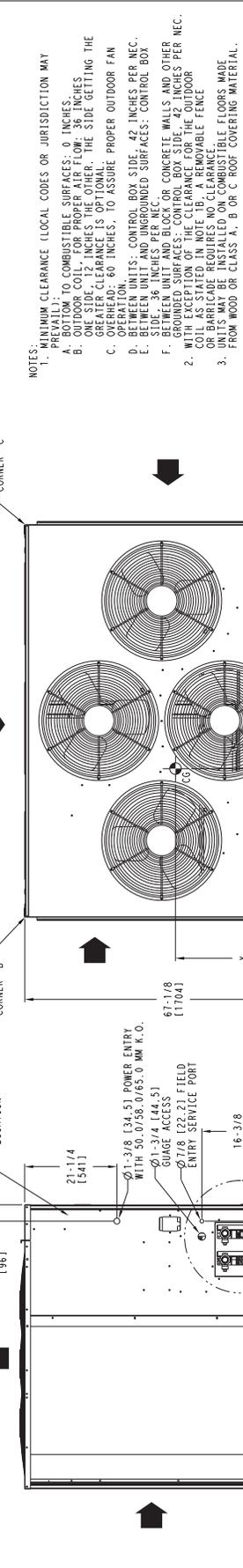
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569J

# CERTIFIED DIMENSION 569J\*25

UNIT	ELECTRICAL CHARACTERISTICS		CENTER OF GRAVITY				UNIT HEIGHT	
	STD. UNIT WT. LBS.	WT. LBS.	X	Y	Z	H		
569JA25 (RTPF1)	2087.230	3.60.460-3.60.575-3.60	38.1965.21	23.1584.21	17.1431.81	50-3/8 [1279.21]		
569JD25 (RTPF1)	2087.230	3.60.460-3.60.575-3.60	38.1965.21	23.1584.21	17.1431.81	50-3/8 [1279.21]		

UNIT	SERVICE VALVE CONNECTIONS		QTY
	SUCTION	LIQUID	
569JA25	1-5/8 [41.31]	5/8 [115.91]	1 EA
569JD25	1-3/8 [34.91]	1/2 [127.71]	2 EA



DATE	SUPERSEDERS	REV
11/24/10	08/04/10	E
569JA AND 569JD CONDENSING UNIT		38AU500371

C101256



