

569J
AIR-COOLED CONDENSING UNITS
60Hz
WITH PURON® (R-410A) REFRIGERANT
SIZES 07, 08, 12, 14



Submittal Data



This product has been designed and manufactured to meet Energy Star® criteria for energy efficiency. However, proper refrigerant charge and proper air flow are critical to achieve rated capacity and efficiency. Installation of this product should follow all manufacturer's refrigerant charging and air flow instructions. **Failure to confirm proper charge and air flow may reduce energy efficiency and shorten equipment life.**

Certified to ISO 9001:2000



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 partial charge
- Single-stage cooling capacity control on all models with Novation™ Heat Exchanger Technology Condenser Coils
- Standard one-year unit warranty, 5-year compressor parts plan and 30year parts plan on Novation coil
- 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 chankcase heater
- New terminal board facilitating simple safety circuit troubleshooting and simplified control box arrangement. 24-volt 75va control system
- High and low pressure switches.
- 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
- UL and UL, Canada apply to standard units; 575-volt units UL, Canada only.
- 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

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 Al/Al Condenser Coil - required for use in any non standard (Non Corrosive) environment.
- Motormaster[®] 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[®] 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
- Filter Drier
- Sight Glass
- Condenser hail guard - louvered style
- Wired Grille - Condenser Coil guard
- Thermostats and thermostat accessories

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

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.	LBS.	KG.	X	Y	Z	H										
569J-07A	208	230	3-60	460	3-60	575	3-60	328	149	128	58	68	31	62	28	70	32	21	5333.47	19	1482.61	13	1330.21	42	378	11076.01
569J-08A	208	230	3-60	460	3-60	575	3-60	353	160	138	63	72	33	65	29	78	35	19	4882.61	23	1584.21	13	1330.21	42	378	11076.01
569J-12A	208	230	3-60	460	3-60	575	3-60	418	190	165	75	85	39	78	35	90	43	23	5884.21	20	1508.01	15	1381.01	50	378	11279.21
569J-14A	208	230	3-60	460	3-60	575	3-60	431	196	162	73	82	37	92	42	95	43	19	4882.61	23	1584.21	15	1381.01	50	378	11279.21
569J-12D	208	230	3-60	460	3-60	575	3-60	499	226	193	88	111	50	72	38	123	56	20	508.01	23	1584.21	15	1381.01	50	378	11279.21
569J-14D	208	230	3-60	460	3-60	575	3-60	505	229	190	86	108	40	76	34	151	68	20	508.01	24	1609.61	15	1381.01	50	378	11279.21
575J-07A	208	230	3-60	460	3-60	575	3-60	444	201	164	74	69	31	114	52	97	44	23	5884.21	26	1609.61	13	1330.21	42	378	11076.01
575J-08A	208	230	3-60	460	3-60	575	3-60	485	220	140	64	130	59	85	39	130	59	20	508.01	24	1609.61	13	1330.21	42	378	11076.01
575J-12A	208	230	3-60	460	3-60	575	3-60	527	239	151	68	141	64	94	43	141	64	21	5333.41	24	1609.61	15	1381.01	50	378	11279.21

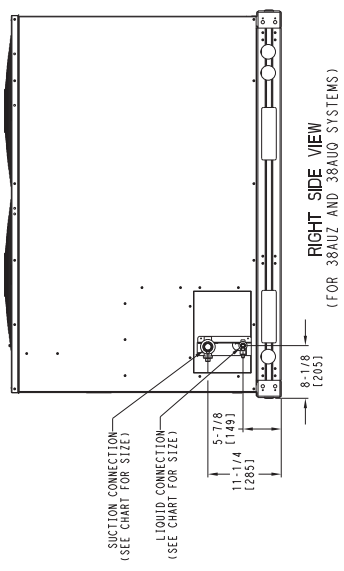
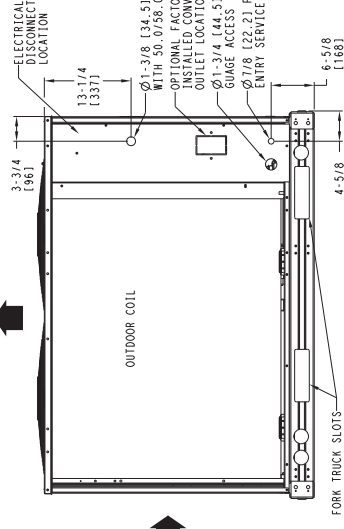
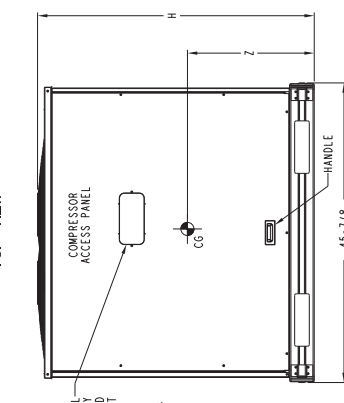
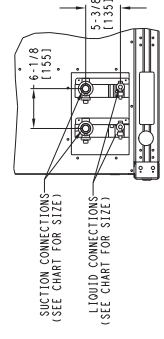
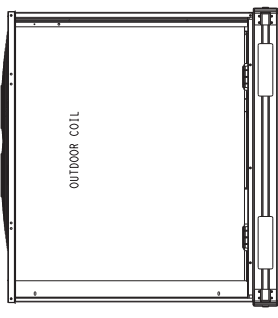
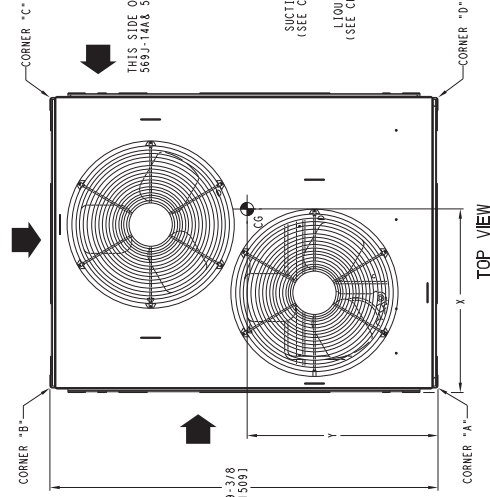
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 CARRIER

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- NOTES:
- MINIMUM CLEARANCE (LOCAL CODES OR JURISDICTION MAY PREVAIL) TO COMBUSTIBLE SURFACES: 0 INCHES
 - OUTDOOR COILS: FOR PROPER AIR FLOW: 36 INCHES (914) ONE SIDE, 12 INCHES (305) THE OTHER. THE SIDE GETTING THE GREATER CLEARANCE IS OPTIONAL.
 - OUTDOOR FAN: 60 INCHES (1524), TO ASSURE PROPER OUTDOOR FAN OPERATION.
 - BETWEEN UNITS: CONTROL BOX SIDE, 42 INCHES (1067) PER NEC.
 - BETWEEN UNIT AND UNGROUNDED SURFACES: CONTROL BOX SIDE, 36 INCHES (914) PER NEC. CONCRETE WALLS AND OTHER UNGROUNDED SURFACES: CONTROL BOX SIDE, 42 INCHES (1067) PER NEC.
 - WITH EXCEPTION OF THE CLEARANCE FOR THE OUTDOOR COIL AS STATED IN NOTE 1B, A REMOVABLE FENCE OR BARRICADE REQUIRED TO MAINTAIN CLEARANCE.
 - CONTROL BOX SHALL BE INSTALLED ON A LEVEL FLOOR, MADE FROM WOOD OR CLASS A, B OR C ROOF COVERING MATERIAL.

UNIT	SUCTION	LIQUID
569J-07A	1-1/8 (28.6)	3/8 (19.5)
569J-08A	1-1/8 (28.6)	1/2 (12.7)
569J-12A	1-3/8 (34.9)	1/2 (12.7)
569J-14A	1-3/8 (34.9)	3/8 (19.5)
569J-12D	1-1/8 (28.6)	3/8 (19.5)
569J-14D	1-3/8 (34.9)	1/2 (12.7)
575J-07A	1-1/8 (28.6)	3/8 (19.5)
575J-08A	1-1/8 (28.6)	1/2 (12.7)
575J-12A	1-3/8 (34.9)	1/2 (12.7)



CG
 CENTER OF GRAVITY

➔ DIRECTION OF AIR FLOW

DIMENSIONS IN () ARE IN MM

DATE 02/17/09	SUPERSEDES 12/30/08	CONDENSING UNIT 569J-A / 569J-D / 575J-A -- 07/08/12/14	REV 3.0
		38AU500350	C08218

569J

