BH714

Single-Stage | R-454B | 1-Phase | 60Hz

RESIDENTIAL PRODUCT SPECIFICATIONS

1.5 to 5 Tons
SEER2 up to 17.0
HSPF2 up to 8.2

ENERGY STAR

MODEL NUMBER IDENTIFICATION

B H 7 14 S 36 P *-XXA

- **Brand**: B=PRIVATE LABEL
- **Product Type**: H = Heat Pump
- **Refrigent**: 7=R454B
- **SEER**: 14
- **Compressor**: S=1STG, M=VARIABLE
- **Tonnage**: 18 = 1.5 tons; 24 = 2 tons; 30 = 2.5 tons; 36 = 3 tons; 42 = 3.5 tons; 48 = 4 tons; 60 = 5 tons
- **Voltage**: P = 208-230V/60Hz/1PH
- **Revision**

Form Number BH714 | October 2025
Supersedes all previous versions

FEATURE HIGHLIGHTS

- Outdoor Coil Fan
- Condenser Coil
- Expansion Valve - Outdoor Unit
- High Capacity Liquid Line Drier
- Four-Way Reversing Valve
- Scroll Compressor
- Defrost Control
- Heavy Gauge Steel Cabinet
- Refrigerant Line Access

CONTENTS

APPROVALS AND WARRANTY

APPROVALS

- AHRI Standard 210-240-2023 certified
- AHRI Certified system match-ups and expanded ratings, visit www.alliedratings.com
- ENERGY STAR® certified
- Sound rated to AHRI Standard 270-2008 test conditions
- Rated According to U.S. Department of Energy (DOE) test procedures
- Unit and components ETL, NEC and CEC bonded for grounding to meet safety standards for servicing
- ETL certified (U.S. and Canada)
- ISO 9001 Registered Manufacturing Quality System

WARRANTY

10-years limited warranty on all parts, extended warranty available.

Coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty).

Warranty must be registered online within 60 days of installation to qualify for 10-year coverage.

Unregistered equipment defaults to 5-year coverage.

See full warranty at www.alliedair.com for terms, conditions and exclusions.

FEATURES

APPLICATIONS

- 1.5 through 5 tons
- Single phase power supply
- Sound levels low as 74 dBA
- Vertical air discharge
- Applicable to indoor air handlers or gas furnaces with indoor add-on coils
- Shipped completely factory assembled, piped and wired

NOTE - When heat pumps are used with gas furnaces, a dual-fuel compatible thermostat or zone control system with dual-fuel capabilities must be used (order separately).

NOTE - Installer must set outdoor unit, connect refrigerant lines and make electrical connections to complete job.

REFRIGERATION SYSTEM

R-454B Refrigerant

- Low GWP (Global Warming Potential)
- Zero ODP (Ozone Depletion Potential)
- Low Toxicity/Lower Flammability - A2L
- Unit is factory pre-charged

NOTE - Total system refrigerant charge is dependent on outdoor unit size, indoor unit size and refrigerant line length.

NOTE - Refer to the unit-mounted charging sticker to determine correct amount of charge required.

Outdoor Coil Fan

- Direct drive PSC fan
- Vertical air discharge
- Louvered steel top fan guard
- Totally enclosed fan motor
- Ball bearings
- Inherently protected

Condenser Coil

- Enhanced aluminum alloy tube/enhanced fin coil
- Superior corrosion resistance
- Ripple-edged aluminum fins
- Aluminum tube construction
- Lanced fins for maximum fin surface exposure
- Fin collars grip tubing for maximum contact area
- Flared shoulder tubing connections
- Factory tested under high pressure
- Entire coil is accessible for cleaning

Expansion Valve - Outdoor Unit

- Designed and sized for heat pump systems
- Sensing bulb senses suction temperature during heating cycle

High Pressure Switch

- Protects the system from high pressure conditions
- Automatic reset

FEATURES

REFRIGERATION SYSTEM (continued)

Low Pressure Switch
- Shuts off unit if suction pressure falls below setting
- Loss of charge and freeze-up protection
- Automatic reset

High Capacity Liquid Line Drier
- Factory installed in the liquid line
- Drier traps moisture or dirt that could contaminate the system
- 100% molecular-sieve, bead type, bi-flow drier

Four-Way Reversing Valve
- Rapid changeover of refrigerant flow direction from cooling to heating and vice versa
- Operates on pressure differential between outdoor unit and indoor coil

Optional Accessories

Check/Expansion Valve Kits
- Field installed on indoor units (if required)
- See TXV Usage table
- Chatleff-style fitting

Loss of Charge Switch Kit
- Protects compressor from damage from low refrigerant charge conditions
- SPST, normally-closed
- Automatic reset

Freezestat
- Senses suction line temperature
- Cycles compressor off when suction line temperature falls below freezestat setpoint
- Opens at 29°F and closes at 58°F
- Installs on or near the discharge line of the evaporator or on the suction line

INDOOR REFRIGERANT DETECTION SYSTEM (RDS)

- Complies with UL 60335-2-40 approved standard
- Required for all systems using R-454B refrigerant
- Factory or field installed on all indoor units
- Consists of a RDS refrigerant detection sensor and a mitigation control in the indoor unit
- Ensures safe operation for systems equipped with R-454B refrigerant
- Indoor sensor will detect any R-454B refrigerant
- If R-454B refrigerant is detected, the refrigerant detection system will stop compressor operation and operate the blower to reduce concentrations in the conditioned space
- Once safe levels are reached the HVAC system will resume normal operation
- Refer to indoor unit Product Specifications documents for additional details

COMPRESSOR

Single-Stage Scroll Compressor

- High efficiency with uniform suction flow
- Constant discharge flow, high volumetric efficiency and quiet operation
- Low gas pulses during compression reduces operational sound levels
- Compressor motor is internally protected from excessive current and temperature
- Muffler in discharge line reduces operating sound levels
- Compressor is installed in the unit on resilient rubber mounts for vibration free operation

Scroll Compressor Operation
- Two involute spiral scrolls matched together generate a series of crescent-shaped gas pockets between them
- During compression, one scroll remains stationary while the other scroll orbits around it
- Gas is drawn into the outer pocket, the pocket is sealed as the scroll rotates
- As the spiral movement continues, gas pockets are pushed to the center of the scrolls. Volume between the pockets is simultaneously reduced
- When the pocket reaches the center, gas is now at high pressure and is forced out of a port located in the center of the fixed scrolls
- During compression, several pockets are compressed simultaneously resulting in a smooth continuous compression cycle
- Continuous flank contact, maintained by centrifugal force, minimizes gas leakage and maximizes efficiency
- Compressor is tolerant to the effects of slugging and contaminants. If this occurs, scrolls separate, allowing liquid or contaminants to be worked toward the center and discharged

Compressor Crankcase Heater (Factory installed on -036-042-048-060 models)
- Prevents migration of liquid refrigerant into compressor and ensures proper compressor lubrication

Optional Accessories

Compressor Crankcase Heater (Optional for -018-024-030 models)
- Prevents migration of liquid refrigerant into compressor and ensures proper compressor lubrication

Compressor Sound Cover
- Reinforced vinyl compressor cover
- 1-1/2 inch thick batt of fiberglass insulation
- Hook and loop fastening tape on all open edges

FEATURES

CONTROLS

Defrost Control
- Time/temperature defrost control
- Defrost cycle every 30, 60 or 90 minutes of compressor “on” time at outdoor coil temperatures below 42°F
- Factory setting - 90 minutes
- Anti-short cycle, timed-off control - 5 minutes
- Compressor delay - 30 seconds (field selectable) cycles the compressor in and out of defrost mode
- High and low pressure switch monitoring (five-trip lockout)
- Two diagnostic LEDs furnished for troubleshooting
- Conveniently located in control box

Optional Accessories

Remote Outdoor Temperature Sensor
- Outdoor sensor allows thermostat to display outdoor temperature

NOTE - Sensor is required for high and low balance points option.

Compressor Low Ambient Cut-Off
- Non-adjustable switch (low ambient cut-out)
- Prevents compressor operation in cooling mode when outdoor temperature is below 35°F

Compressor Hard Start Kit
- Single-phase units are equipped with a PSC compressor motor
- This type of motor normally does not need a potential relay and start capacitor
- For conditions such as low voltage, kit may be required to increase the compressor starting torque

Indoor Blower Off Delay Relay Kit
- Delays the indoor blower-off time during the cooling cycle

Low Ambient Kit
- Heat pump can operate in the cooling mode down to 45°F outdoor air temperature without additional controls
- Allows unit to operate properly down to 30°F in the cooling mode

NOTE - Crankcase heater and freezestat should be installed on compressors equipped with a low ambient kit.

NOTE - A compressor lock-out thermostat should be added to terminate compressor operation below recommended operation conditions.

Mild Weather Kit
- Units can operate in the heating mode at outdoor air temperatures up to 75°F
- Field installed kit allows heating operation above 75°F

Monitor Kit - Service Light
- Ambient compensating thermistor
- Service light thermostat
- For thermostats requiring indicator light inputs

Outdoor Thermostat Kit
- Outdoor thermostat locks out some of the electric heating elements on indoor units where two-stage control is applicable
- Outdoor thermostat maintains the heating load on low power input as long as possible before allowing the full power load to come on the line
- Thermostat Kit and Mounting Box must be ordered separately

CABINET

- Heavy gauge steel cabinet
- Pre-painted cabinet finish
- Louvered heavy gauge steel panels
- Control box conveniently located with all controls factory wired
- Corner patch plate allows compressor access
- Drainage holes provided in base section

Zinc-Coated Steel Unit Base
- Resists rust and corrosion

Refrigerant Line Connections, Electrical Inlets, Service Valves
- Sweat connection vapor and liquid lines
- Located on corner of unit cabinet
- Fully serviceable brass service valves
- Vapor valve can be fully shut off, while liquid valve may be front seated to manage refrigerant charge while servicing system
- Refrigerant line connections and field wiring inlets are located in one central area of cabinet for easy access
- See dimension drawing

Braze-Free/Press Fitting Flexibility
- Units can accommodate braze-free or press fittings for installation versatility

Optional Accessories

Unit Stand-Off Kit
- Black high density polyethylene feet
- Raises unit off mounting surface
- Four feet furnished per order number

SPECIFICATIONS

Size			018	024	030	036
Nominal Tonnage			1.5	2	2.5	3
Sound Rating Number		dBA	74	74	74	75
Connections (sweat)		Liquid line (OD) - in.	3/8	3/8	3/8	3/8
		Vapor line (OD) - in.	3/4	3/4	3/4	7/8
Refrigerant	[1] R-454B charge furnished @ 15 FT		4 lbs. 7 oz.	5 lbs. 3 oz.	6 lbs. 7 oz.	7 lbs. 2 oz.
	[1] R-454B charge furnished @ 30 FT		5 lbs. 0 oz.	5 lbs. 12 oz.	7 lbs. 0 oz.	7 lbs. 11 oz.
Indoor Unit Expansion Valve (TXV)			**26Z70**	**26Z70**	**26Z70**	**26Z70**
Outdoor Coil	Net face area - ft.²	Outer coil	24.5	24.5	24.5	21.0
		Inner coil	- - -	- - -	- - -	20.3
		Tube diameter - in.	5/16	5/16	5/16	5/16
		Rows	1	1	1	2
		Fins - in.	22	22	22	22
Outdoor Fan		HP	1/6	1/6	1/6	1/6
		Diameter - in.	22	22	22	22
		Blades	3	3	3	3
		Cfm	2670	2670	2890	2870
		Rpm	867	867	847	839
		Watts	160	160	200	205
Shipping Data - lbs.			213	213	213	229

ELECTRICAL DATA

		Line voltage data (Volts-Phase-Hz)	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
		[2] Maximum overcurrent protection (MOCP) amps	15	20	25	35
		[3] Minimum circuit ampacity (MCA)	9.7	13.6	16.6	22.2
Compressor		Rated Load Amps	7.2	10.3	12.5	16.7
		Locked Rotor Amps	47	60.2	67	93.5
Fan Motor		Full Load Amps	0.7	0.7	1.0	1.4

OPTIONAL ACCESSORIES - ORDER SEPARATELY

Compressor Crankcase Heater		**93M04**	•	•	•	Factory
Compressor Hard Start Kit	Copeland	**10J42**		•		•
	LG	**88M91**	•		•	
Compressor Sound Cover		**18J42**	•	•	•	•
Compressor Low Ambient Cut-Off		**45F08**	•	•	•	•
Freezestat	3/8 in.	**93G35**	•	•	•	•
Indoor Blower Off Delay Relay		**58M81**	•	•	•	•
Loss of Charge Kit		**84M23**	•	•	•	•
[4] Low Ambient Kit		**54M89**	•	•	•	•
Mild Weather Kit		**11B97**	•	•	•	•
Monitor Kit - Service Light		**76F53**	•	•	•	•
Outdoor Thermostat Kit		**10Z23**	•	•	•	•
Thermostat Mounting Box		**31461**	•	•	•	•
Unit Stand-Off Kit		**94J45**	•	•	•	•

NOTE - Extremes of operating range are plus 10% and minus 5% of line voltage.

[1] Refrigerant charge sufficient for 15/30 ft. length of refrigerant lines. For longer line set requirements see the Installation Instructions for information about line set length and additional refrigerant charge required.

[2] HACR type breaker or fuse.

[3] Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

[4] Crankcase Heater and Freezestat are recommended with Low Ambient Kit.

SPECIFICATIONS

Size			042	048	060
Nominal Tonnage			3.5	4	5
Sound Rating Number		dBA	78	79	79
Connections (sweat)		Liquid line (OD) - in.	3/8	3/8	3/8
		Vapor line (OD) - in.	7/8	7/8	1-1/8
Refrigerant	[1] R-454B charge furnished @ 15 FT		8 lbs. 5 oz.	8 lbs. 6 oz.	9 lbs. 6 oz.
	[1] R-454B charge furnished @ 30 FT		8 lbs. 14 oz.	8 lbs. 15 oz.	9 lbs. 15 oz.
Indoor Unit Expansion Valve (TXV)			**26Z71**	**26Z71**	**26Z72**
Outdoor Coil	Net face area - ft.²	Outer coil	24.93	24.93	29.09
		Inner coil	24.13	24.13	28.16
		Tube diameter - in.	5/16	5/16	5/16
		Rows	2	2	2
		Fins - in.	22	22	22
Outdoor Fan		HP	1/3	1/3	1/3
		Diameter - in.	22	22	22
		Blades	4	4	4
		Cfm	4347	4347	4500
		Rpm	843	843	830
		Watts	299	299	307
Shipping Data - lbs.			272	273	295

ELECTRICAL DATA

	Line voltage data (Volts-Phase-Hz)		208/230-1-60	208/230-1-60	208/230-1-60
	[2] Maximum overcurrent protection (MOCP) amps		35	50	50
	[3] Minimum circuit ampacity (MCA)		22.3	30.6	32.2
Compressor		Rated Load Amps	15.8	22.4	23.7
		Locked Rotor Amps	96	126	157
Fan Motor		Full Load Amps	2.6	2.6	2.6

OPTIONAL ACCESSORIES - ORDER SEPARATELY

Compressor Hard Start Kit	Copeland	**10J42**		•	•
	LG	**88M91**	•		
Compressor Low Ambient Cut-Off		**45F08**	•	•	•
Compressor Sound Cover		**18J42**	•	•	•
Freezestat	3/8 in.	**93G35**	•	•	•
Indoor Blower Off Delay Relay		**58M81**	•	•	•
Loss of Charge Kit		**84M23**	•	•	•
[4] Low Ambient Kit		**54M89**	•	•	•
Mild Weather Kit		**11B97**	•	•	•
Monitor Kit - Service Light		**76F53**	•	•	•
Outdoor Thermostat Kit		**10Z23**	•	•	•
Thermostat Mounting Box		**31461**	•	•	•
Unit Stand-Off Kit		**94J45**	•	•	•

NOTE - Extremes of operating range are plus 10% and minus 5% of line voltage.

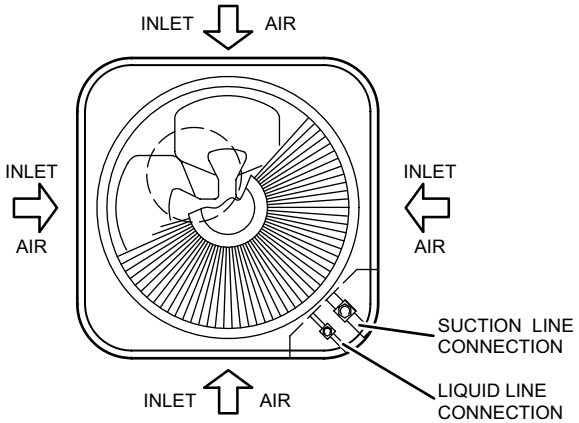
[1] Refrigerant charge sufficient for 15/30 ft. length of refrigerant lines. For longer line set requirements see the Installation Instructions for information about line set length and additional refrigerant charge required.

[2] HACR type breaker or fuse.

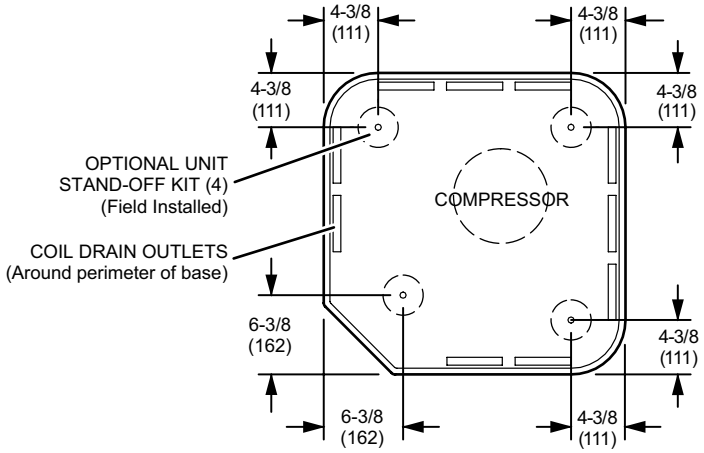
[3] Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

[4] Crankcase Heater and Freezestat are recommended with Low Ambient Kit.

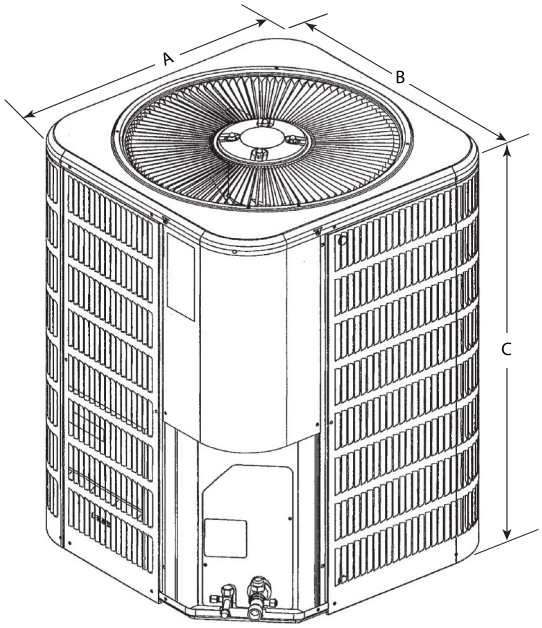
DIMENSIONS



TOP VIEW



TOP VIEW BASE SECTION



Size	A, B Width and Depth		C Height	
	in.	mm	in.	mm
018	28-1/4	718	43-1/4	1099
024	28-1/4	718	43-1/4	1099
030	28-1/4	718	33-1/4	845
036	32-1/4	819	33-1/4	845
042	32-1/4	819	37-1/4	946
048	32-1/4	819	37-1/4	946
060	32-1/4	819	43-1/4	1099

EXPANDED SOUND DATA

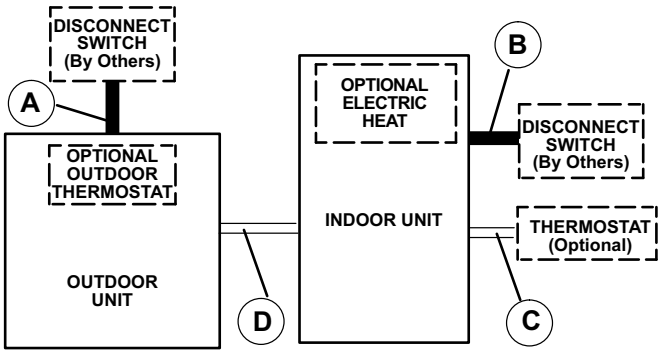
Size	Octave Band Sound Power Levels dBA, re 10^{-12} Watts Center Frequency - HZ							[1] Sound Rating Number (dBA)	[2] Estimated Sound Pressure Level at Distance From Unit (dBA at distance in ft.)				
	125	250	500	1000	2000	4000	8000		3	5	10	15	50
018	56.5	62	68.0	71.5	66.0	57.0	50	74	67	62	56	53	42
024	56.0	62	66.5	71.0	66	60	55.0	74	67	62	56	53	42
030	56.0	64	69.5	70.0	65	59	52.5	74	67	62	56	53	42
036	59	68	71.5	68.5	66	61	54	75	68	63	57	54	43
042	62	71.0	74.5	72.5	70	63	55.5	78	71	66	60	57	46
048	61	70.5	75.5	73.0	70	64	56.0	79	72	67	61	58	47
060	61.5	70.0	73.0	71	71	68	63	79	73	68	62	59	48

NOTE - the octave sound power data does not include tonal correction.

[1] Tested according to AHRI Standard 270-2008 test conditions.

[2] Estimated sound pressure level at distance based on AHRI Standard 275-2010 method for equipment located on the ground, roof, or on side of building wall with no adjacent reflective surface within 9.8 feet. Sound pressure levels will increase based on changes to assumptions. For other applications, refer to AHRI Standard 275.

FIELD WIRING



A - Two Wire Power (see Electrical Data)

B - Two or Three Wire Power (size to heater capacity)

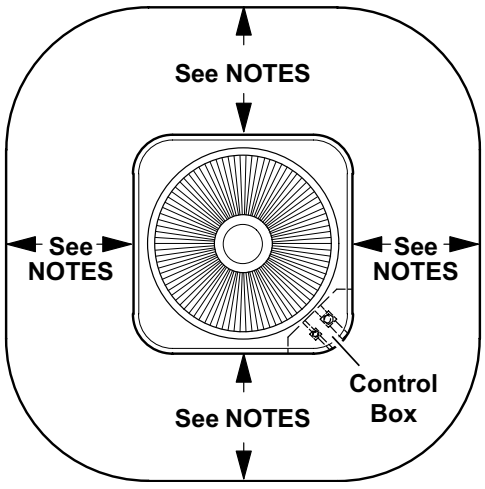
C - Twelve Wire Low Voltage 18 ga. minimum
Fourteen Wire Low Voltage with Optional Outdoor Thermostat

D - Eight Wire Low Voltage 18 ga. minimum
Ten Wire Low Voltage with Optional Outdoor Thermostat

NOTE - Field Wiring Not Furnished

All wiring must conform to NEC or CEC and local electrical codes.

INSTALLATION CLEARANCES



NOTES:

- Service Clearance − 30 in. (762 mm) on one of the sides adjacent to the Control Box.
- One of other three sides must be 36 in. (914 mm).
- One of the two remaining sides may be 12 in. (305 mm).
- The remaining side may be 6 in. (152 mm).
- 48 in. (1219 mm) clearance required on top of unit
- 24 in. (610 mm) required between two units

TXV USAGE

All coils and air handlers are shipped with a factory installed TXV. In most cases, no substitution is needed.
If a different size TXV is required, it will be listed in the “TXV SUBSTITUTION” table by size. The correct TXV must be ordered separately and field installed.

Size	Order Number
018	**26Z70**
024	**26Z70**
030	**26Z70**
036	**26Z70**
042	**26Z71**
048	**26Z71**
060	**26Z72**

AHRI STANDARD 210-240-2023

Cooling or heating capacities are net values, including the effects of blower motor heat, and do not include supplementary heat. Power input is the total power input to the compressor(s) and fan(s), plus any controls and other items required as part of the system for normal operation.

Units which do not have an indoor air-circulating blower furnished as part of the model, i.e., split system with indoor coil only, is established by subtracting from the total cooling capacity 1250 Btu/h per 1,000 cfm, and by adding the same amount to the heating capacity.

Total power input for both heating and cooling is increased by 365 W per 1,000 cfm of indoor air circulated.

TXV SUBSTITUTION - R-454B

A general guide for replacing the factory installed R-454B TXV if the indoor unit (coil/air handler) is larger or smaller than the outdoor unit.

Outdoor Unit		Indoor Unit		Indoor TXV Furnished	Indoor TXV Replacement
Size	Tons	Size	Tons		
018	1.5	42	3.5	**26Z71**	**26Z70**
018	1.5	48	4	**26Z71**	**26Z70**
018	1.5	49	4	**26Z71**	**26Z70**
018	1.5	50/60	4/5	**26Z71**	**26Z70**
018	1.5	51/61	4/5	**26Z71**	**26Z70**
018	1.5	60	5	**26Z72**	**26Z70**
024	2	42	3.5	**26Z71**	**26Z70**
024	2	48	4	**26Z71**	**26Z70**
024	2	49	4	**26Z71**	**26Z70**
024	2	50/60	4/5	**26Z71**	**26Z70**
024	2	51/61	4/5	**26Z71**	**26Z70**
024	2	60	5	**26Z72**	**26Z70**
030	2.5	42	3.5	**26Z71**	**26Z70**
030	2.5	48	4	**26Z71**	**26Z70**
030	2.5	49	4	**26Z71**	**26Z70**
030	2.5	50/60	4/5	**26Z71**	**26Z70**
030	2.5	51/61	4/5	**26Z71**	**26Z70**
030	2.5	60	5	**26Z72**	**26Z70**
036	3	42	3.5	**26Z71**	**26Z70**
036	3	48	4	**26Z71**	**26Z70**
036	3	49	4	**26Z71**	**26Z70**
036	3	50/60	4/5	**26Z71**	**26Z70**
036	3	51/61	4/5	**26Z71**	**26Z70**
036	3	60	5	**26Z72**	**26Z70**
042	3.5	24	2	**26Z70**	**26Z71**
042	3.5	30	2.5	**26Z70**	**26Z71**
042	3.5	30/36	2.5/3	**26Z70**	**26Z71**
042	3.5	36	3	**26Z70**	**26Z71**
042	3.5	60	5	**26Z72**	**26Z71**
048	4	30/36	2.5/3	**26Z70**	**26Z71**
048	4	36	3	**26Z70**	**26Z71**
048	4	60	5	**26Z72**	**26Z71**
060	5	50/60	4/5	**26Z71**	**26Z72**
060	5	51/61	4/5	**26Z71**	**26Z72**

TXV Ranges:

26Z70 - 1.5 to 3 ton systems - Use on 3 ton (036) and lower systems.

26Z71 - 3.5-4 ton systems - Use on 4 ton (048) and down to 3.5 ton (042) systems.

26Z72 - 5 ton systems - Use on 5 ton (060) systems only.

BH714S18P - BAH7P18PT

Outdoor	Indoor	Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
				85° F (29.4° C)					95° F (35° C)				105° F (40.6° C)					115° F (46.1° C)					125° F (51.7° C)				
				Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)		
						Dry Bulb					Dry Bulb				Dry Bulb					Dry Bulb					Dry Bulb		
			cfm	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C
BH714S18P	BAH7P18PT	59°F (15°C)	525	17.5	0.98	0.94	1	1	16.9	1.13	0.96	1	1	16.2	1.28	0.98	1	1	15.3	1.45	1	1	1	14.3	1.63	1	1	1
			600	18.4	0.97	0.98	1	1	17.7	1.12	1	1	1	17	1.28	1	1	1	16	1.45	1	1	1	14.9	1.62	1	1	1
			675	19	0.97	1	1	1	18.3	1.12	1	1	1	17.4	1.28	1	1	1	16.5	1.44	1	1	1	15.4	1.62	1	1	1
		63°F (17.2°C)	525	18.2	0.97	0.77	0.9	1	17.4	1.12	0.79	0.93	1	16.5	1.28	0.81	0.95	1	15.4	1.45	0.83	0.99	1	14.3	1.63	0.87	1	1
			600	18.7	0.97	0.81	0.95	1	17.9	1.12	0.83	0.98	1	16.9	1.28	0.85	1	1	16	1.45	0.88	1	1	14.9	1.62	0.92	1	1
			675	19.1	0.97	0.84	0.99	1	18.3	1.12	0.86	1	1	17.4	1.28	0.88	1	1	16.5	1.44	0.92	1	1	15.4	1.62	0.96	1	1
		67°F (19.4°C)	525	19.1	0.97	0.62	0.75	0.87	18.3	1.12	0.63	0.76	0.89	17.4	1.28	0.64	0.79	0.92	16.3	1.44	0.66	0.81	0.96	15.2	1.62	0.68	0.84	1
			600	19.7	0.96	0.65	0.79	0.92	18.9	1.12	0.66	0.8	0.95	17.8	1.27	0.67	0.83	0.98	16.7	1.44	0.69	0.86	1	15.4	1.62	0.72	0.9	1
			675	20	0.96	0.67	0.82	0.96	19.1	1.11	0.68	0.84	0.99	18.2	1.27	0.7	0.87	1	17	1.44	0.72	0.9	1	15.7	1.61	0.75	0.94	1
		71°F (21.7°C)	525	20	0.96	0.49	0.61	0.73	19.2	1.11	0.49	0.62	0.76	18.3	1.27	0.5	0.63	0.76	17.2	1.44	0.51	0.65	0.79	15.9	1.61	0.52	0.67	0.83
			600	20.6	0.96	0.51	0.64	0.77	19.7	1.11	0.51	0.65	0.79	18.7	1.27	0.52	0.67	0.81	17.6	1.43	0.53	0.69	0.84	16.3	1.61	0.54	0.71	0.88
			675	21	0.96	0.51	0.66	0.8	20	1.11	0.52	0.67	0.82	19	1.27	0.53	0.69	0.85	17.9	1.43	0.54	0.71	0.88	16.6	1	0.55	0.74	0.93

BH714S24P - BAH7P24PT

Outdoor	Indoor	Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
				85° F (29.4° C)					95° F (35° C)				105° F (40.6° C)					115° F (46.1° C)					125° F (51.7° C)				
				Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)		
						Dry Bulb					Dry Bulb				Dry Bulb					Dry Bulb					Dry Bulb		
			cfm	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C
BH714S24P	BAH7P24PT	59°F (15°C)	650	22.6	1.3	0.93	1	1	21.4	1.49	0.95	1	1	20.6	1.71	0.99	1	1	19.4	1.97	1	1	1	18.3	2.26	1	1	1
			750	23.6	1.3	0.98	1	1	22.6	1.49	1	1	1	21.4	1.72	1	1	1	20.4	1.97	1	1	1	19.1	2.26	1	1	1
			850	24.6	1.3	1	1	1	23.4	1.49	1	1	1	22.4	1.72	1	1	1	21.2	1.97	1	1	1	19.8	2.26	1	1	1
		63°F (17.2°C)	650	23.4	1.3	0.76	0.89	1	22.2	1.49	0.78	0.92	1	20.8	1.72	0.8	0.95	1	19.5	1.97	0.82	0.99	1	18.3	2.26	0.85	1	1
			750	24	1.3	0.79	0.95	1	23	1.49	0.81	0.97	1	21.4	1.72	0.84	1	1	20.4	1.97	0.87	1	1	19.1	2.26	0.9	1	1
			850	24.8	1.3	0.83	0.99	1	23.4	1.49	0.85	1	1	22.4	1.72	0.88	1	1	21.2	1.97	0.91	1	1	19.8	2.26	0.96	1	1
		67°F (19.4°C)	650	24.8	1.3	0.61	0.74	0.86	23.6	1.49	0.62	0.75	0.89	22.2	1.72	0.63	0.77	0.92	21	1.97	0.64	0.8	0.95	19.5	2.26	0.66	0.83	0.99
			750	25.4	1.3	0.63	0.77	0.91	24.2	1.49	0.64	0.79	0.94	23	1.72	0.66	0.81	0.97	21.4	1.97	0.67	0.84	1	19.9	2.26	0.7	0.88	1
			850	26	1.3	0.65	0.8	0.96	24.8	1.49	0.66	0.83	0.99	23.4	1.72	0.68	0.86	1	21.8	1.97	0.7	0.89	1	20.2	2.26	0.73	0.93	1
		71°F (21.7°C)	650	26.2	1.3	0.47	0.59	0.71	25	1.49	0.47	0.61	0.73	23.6	1.72	0.48	0.61	0.75	22.2	1.97	0.49	0.63	0.77	20.6	2.26	0.5	0.65	0.8
			750	26.8	1.3	0.48	0.61	0.75	25.6	1.49	0.49	0.63	0.77	24.2	1.72	0.49	0.64	0.79	22.8	1.97	0.5	0.66	0.82	21.2	2.26	0.51	0.68	0.86
			850	27.6	1.3	0.49	0.64	0.78	26.2	1.5	0.5	0.66	0.8	24.8	1.72	0.51	0.67	0.83	23.4	1.97	0.52	0.7	0.86	21.6	2.26	0.53	0.72	0.91

BH714S30P - BAH7P30PT

Outdoor	Indoor	Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
				85° F (29.4° C)					95° F (35° C)					105° F (40.6° C)					115° F (46.1° C)					125° F (51.7° C)				
				Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)		
						Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb		
			cfm	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C
BH714S30P	BAH7P30PT	59°F (15°C)	875	28.6	1.61	0.94	1	1	27.6	1.84	0.96	1	1	26.2	2.08	0.99	1	1	25	2.35	1	1	1	23.6	2.66	1	1	1
			1000	30	1.62	0.98	1	1	28.8	1.85	1	1	1	27.2	2.1	1	1	1	26	2.37	1	1	1	24.6	2.67	1	1	1
			1125	31	1.63	1	1	1	29.8	1.86	1	1	1	28.2	2.11	1	1	1	26.8	2.38	1	1	1	25.4	2.69	1	1	1
		63°F (17.2°C)	875	29.6	1.62	0.77	0.91	1	28.2	1.85	0.78	0.93	1	26.8	2.09	0.8	0.96	1	25	2.35	0.83	1	1	23.6	2.66	0.86	1	1
			1000	30.4	1.63	0.8	0.95	1	29	1.85	0.82	0.98	1	27.4	2.1	0.85	1	1	26	2.37	0.87	1	1	24.6	2.67	0.91	1	1
			1125	31.2	1.63	0.84	0.99	1	29.6	1.86	0.86	1	1	28.2	2.11	0.89	1	1	26.8	2.38	0.92	1	1	25.4	2.69	0.95	1	1
		67°F (19.4°C)	875	31.2	1.63	0.61	0.75	0.87	29.8	1.86	0.62	0.76	0.9	28.2	2.11	0.63	0.78	0.93	26.6	2.38	0.65	0.81	0.96	25	2.68	0.67	0.84	1
			1000	32	1.64	0.63	0.78	0.92	30.6	1.87	0.65	0.8	0.95	29	2.12	0.66	0.82	0.98	27.4	2.39	0.67	0.85	1	25.6	2.69	0.7	0.88	1
			1125	32.8	1.65	0.65	0.81	0.96	31	1.88	0.67	0.84	0.99	29.4	2.13	0.68	0.87	1	27.8	2.4	0.7	0.89	1	26	2.7	0.73	0.93	1
		71°F (21.7°C)	875	33	1.65	0.47	0.6	0.72	31.4	1.88	0.48	0.61	0.74	29.8	2.13	0.48	0.62	0.76	28.2	2.41	0.49	0.64	0.79	26.4	2.71	0.5	0.66	0.81
			1000	33.8	1.66	0.48	0.62	0.76	32.2	1.89	0.49	0.63	0.78	30.6	2.14	0.5	0.65	0.8	28.8	2.42	0.5	0.67	0.83	27.2	2.72	0.51	0.69	0.86
			1125	34.4	1.67	0.49	0.64	0.79	32.8	1.9	0.5	0.66	0.81	31.2	2.15	0.51	0.68	0.84	29.4	2.43	0.52	0.7	0.87	27.6	2.73	0.53	0.72	0.91

BH714S36P - BAH7P36PT

Outdoor	Indoor	Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
				85° F (29.4° C)					95° F (35° C)					105° F (40.6° C)					115° F (46.1° C)					125° F (51.7° C)				
				Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)		
						Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb		
			cfm	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C
BH714S36P	BAH7P36PT	59°F (15°C)	1050	34.8	1.96	0.93	1	1	33.6	2.23	0.95	1	1	32	2.54	0.98	1	1	30.4	2.91	1	1	1	28.8	3.32	1	1	1
			1200	36.4	1.97	0.97	1	1	34.8	2.24	1	1	1	33.4	2.55	1	1	1	31.6	2.91	1	1	1	29.8	3.32	1	1	1
			1350	37.8	1.97	1	1	1	36	2.24	1	1	1	34.6	2.55	1	1	1	32.8	2.91	1	1	1	31	3.32	1	1	1
		63°F (17.2°C)	1050	36	1.96	0.76	0.89	1	34.6	2.24	0.77	0.91	1	32.6	2.55	0.79	0.94	1	30.6	2.91	0.81	0.97	1	28.6	3.32	0.84	1	1
			1200	37	1.97	0.79	0.94	1	35.2	2.24	0.81	0.96	1	33.4	2.55	0.83	0.99	1	31.8	2.91	0.85	1	1	29.8	3.32	0.88	1	1
			1350	38	1.97	0.82	0.98	1	36.2	2.24	0.84	1	1	34.6	2.55	0.86	1	1	32.8	2.91	0.89	1	1	31	3.32	0.93	1	1
		67°F (19.4°C)	1050	38	1.97	0.61	0.73	0.86	36.4	2.24	0.61	0.75	0.88	34.6	2.55	0.62	0.77	0.91	32.8	2.91	0.64	0.79	0.94	30.6	3.32	0.65	0.82	0.98
			1200	39	1.98	0.63	0.77	0.9	37.4	2.25	0.63	0.78	0.93	35.6	2.56	0.64	0.8	0.96	33.6	2.91	0.66	0.83	0.99	31.4	3.32	0.68	0.86	1
			1350	40	1.98	0.64	0.8	0.95	38.5	2.25	0.65	0.82	0.98	36.4	2.56	0.67	0.84	1	34.2	2.91	0.69	0.87	1	32	3.32	0.71	0.9	1
		71°F (21.7°C)	1050	40	1.98	0.47	0.59	0.71	38.5	2.25	0.47	0.6	0.73	36.8	2.56	0.47	0.61	0.74	34.8	2.92	0.48	0.62	0.77	32.4	3.32	0.49	0.64	0.79
			1200	41.5	1.98	0.48	0.61	0.74	39.5	2.25	0.48	0.63	0.77	37.8	2.56	0.49	0.63	0.78	35.6	2.92	0.49	0.65	0.81	33.2	3.32	0.51	0.67	0.84
			1350	42.5	1.99	0.48	0.63	0.78	40.5	2.26	0.49	0.64	0.8	38.5	2.57	0.5	0.66	0.82	36.2	2.92	0.51	0.68	0.85	33.8	3.32	0.52	0.7	0.88

BH714S42P - BAH7P42PT

Outdoor	Indoor	Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
				85° F (29.4° C)					95° F (35° C)					105° F (40.6° C)					115° F (46.1° C)					125° F (51.7° C)				
				Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)		
						Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb		
			cfm	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C
BH714S42P	BAH7P42PT	59°F (15°C)	1195	40	2.29	0.92	1	1	38.5	2.6	0.94	1	1	36.6	2.93	0.97	1	1	35	3.28	1	1	1	32.8	3.66	1	1	1
			1370	41.5	2.29	0.96	1	1	40	2.6	0.99	1	1	38	2.93	1	1	1	36.2	3.27	1	1	1	34	3.64	1	1	1
			1545	43	2.29	1	1	1	41.5	2.6	1	1	1	39.5	2.92	1	1	1	37.6	3.26	1	1	1	35.4	3.63	1	1	1
		63°F (17.2°C)	1195	41.5	2.29	0.75	0.89	1	39.5	2.6	0.77	0.91	1	37.4	2.93	0.78	0.93	1	35.2	3.28	0.81	0.96	1	32.8	3.65	0.84	1	1
			1370	42.5	2.29	0.78	0.93	1	40.5	2.6	0.8	0.95	1	38.5	2.93	0.82	0.98	1	36.2	3.27	0.85	1	1	34	3.64	0.88	1	1
			1545	43.5	2.29	0.82	0.97	1	41.5	2.6	0.83	1	1	39.5	2.92	0.85	1	1	37.6	3.26	0.88	1	1	35.4	3.63	0.92	1	1
		67°F (19.4°C)	1195	43.5	2.29	0.6	0.73	0.85	42	2.6	0.61	0.74	0.87	39.5	2.92	0.62	0.76	0.9	37.6	3.27	0.63	0.78	0.93	35	3.64	0.65	0.81	0.97
			1370	45	2.29	0.62	0.76	0.9	43	2.6	0.63	0.78	0.92	41	2.92	0.64	0.8	0.95	38.5	3.26	0.66	0.82	0.98	36	3.63	0.68	0.85	1
			1545	46	2.29	0.64	0.8	0.94	44	2.6	0.65	0.81	0.97	42	2.91	0.66	0.83	0.99	39.5	3.25	0.68	0.86	1	36.4	3.62	0.7	0.9	1
		71°F (21.7°C)	1195	46	2.29	0.46	0.59	0.7	44	2.59	0.47	0.6	0.72	42	2.91	0.47	0.61	0.74	40	3.25	0.48	0.62	0.76	37	3.61	0.49	0.64	0.79
			1370	47.5	2.28	0.47	0.61	0.74	45.5	2.59	0.48	0.62	0.76	43.5	2.91	0.48	0.63	0.78	41	3.24	0.5	0.65	0.8	38	3.6	0.5	0.67	0.83
			1545	48.5	2.28	0.48	0.63	0.78	46.5	2.58	0.49	0.64	0.79	44	2.9	0.5	0.66	0.82	41.5	3.23	0.51	0.68	0.84	39	3.59	0.51	0.7	0.88

BH714S48P - BAH7E48PT

Outdoor	Indoor	Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
				85° F (29.4° C)					95° F (35° C)					105° F (40.6° C)					115° F (46.1° C)					125° F (51.7° C)				
				Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)		
						Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb		
			cfm	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C
BH714S48P	BAH7E48PT	59°F (15°C)	1360	45.5	2.68	0.91	1	1	44	3.06	0.94	1	1	42.5	3.51	0.96	1	1	40	4.02	0.99	1	1	38	4.6	1	1	1
			1560	48	2.69	0.96	1	1	46	3.07	0.98	1	1	44	3.52	1	1	1	42	4.03	1	1	1	39	4.61	1	1	1
			1760	49.5	2.69	0.99	1	1	48	3.08	1	1	1	45.5	3.53	1	1	1	43	4.03	1	1	1	40.5	4.61	1	1	1
		63°F (17.2°C)	1360	47.5	2.68	0.75	0.88	1	45.5	3.07	0.76	0.9	1	43.5	3.51	0.78	0.92	1	40.5	4.02	0.8	0.96	1	37.8	4.6	0.83	0.99	1
			1560	49	2.69	0.78	0.92	1	46.5	3.08	0.8	0.95	1	44.5	3.52	0.82	0.97	1	42	4.03	0.84	1	1	39.5	4.61	0.87	1	1
			1760	50.5	2.69	0.81	0.96	1	48	3.08	0.83	0.99	1	45.5	3.53	0.85	1	1	43	4.03	0.88	1	1	40.5	4.61	0.91	1	1
		67°F (19.4°C)	1360	50.5	2.69	0.6	0.72	0.85	48	3.08	0.61	0.74	0.87	46	3.53	0.62	0.76	0.89	43	4.03	0.63	0.78	0.92	40.5	4.6	0.65	0.81	0.96
			1560	52	2.7	0.62	0.76	0.89	49.5	3.09	0.63	0.77	0.91	47	3.53	0.64	0.79	0.94	44	4.04	0.66	0.82	0.97	41	4.61	0.67	0.85	1
			1760	52.5	2.7	0.64	0.79	0.93	50.5	3.09	0.65	0.81	0.96	48	3.54	0.66	0.83	0.99	45	4.04	0.68	0.86	1	42	4.61	0.7	0.89	1
		71°F (21.7°C)	1360	53	2.7	0.47	0.58	0.7	51	3.09	0.47	0.59	0.72	48.5	3.54	0.47	0.61	0.73	46	4.05	0.48	0.62	0.76	43	4.62	0.49	0.64	0.78
			1560	54.5	2.71	0.48	0.61	0.73	52	3.1	0.48	0.61	0.75	50	3.55	0.49	0.63	0.77	47	4.06	0.49	0.65	0.8	44	4.62	0.5	0.67	0.83
			1760	55.5	2.71	0.48	0.63	0.76	53.5	3.11	0.49	0.64	0.78	51	3.56	0.49	0.66	0.8	48	4.06	0.5	0.67	0.84	44.5	4.63	0.52	0.69	0.87

BH714S60P - BAH7E60PT

Outdoor	Indoor	Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
				85° F (29.4° C)					95° F (35° C)					105° F (40.6° C)					115° F (46.1° C)					125° F (51.7° C)				
				Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity	Comp. Motor Input	Sensible To Total Ratio (S/T)		
						Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb		
			cfm	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C
BH714S60P	BAH7E60PT	59°F (15°C)	1575	54	3.36	0.89	1	1	52	3.83	0.92	1	1	50	4.38	0.94	1	1	47.5	4.99	0.96	1	1	45.5	5.67	0.99	1	1
			1800	56.5	3.38	0.93	1	1	54.5	3.86	0.95	1	1	52	4.4	0.98	1	1	50	5.01	1	1	1	47	5.69	1	1	1
			2010	58.5	3.4	0.96	1	1	56	3.87	0.99	1	1	54	4.42	1	1	1	51.5	5.03	1	1	1	48.5	5.71	1	1	1
		63°F (17.2°C)	1575	56.5	3.38	0.74	0.86	0.98	54	3.85	0.75	0.88	1	51.5	4.39	0.77	0.91	1	49	5	0.79	0.93	1	46	5.68	0.81	0.96	1
			1800	58	3.4	0.77	0.9	1	55.5	3.87	0.78	0.92	1	53	4.41	0.8	0.95	1	50.5	5.01	0.82	0.98	1	47.5	5.7	0.85	1	1
			2010	59	3.41	0.79	0.94	1	57	3.88	0.8	0.96	1	54.5	4.42	0.82	0.98	1	51.5	5.03	0.85	1	1	48.5	5.71	0.88	1	1
		67°F (19.4°C)	1575	59	3.41	0.6	0.72	0.83	56.5	3.88	0.61	0.73	0.85	54.5	4.42	0.62	0.74	0.87	51.5	5.03	0.63	0.76	0.9	48	5.71	0.64	0.79	0.93
			1800	61	3.42	0.62	0.74	0.87	58.5	3.9	0.62	0.76	0.89	55.5	4.44	0.63	0.78	0.92	52.5	5.05	0.65	0.8	0.95	49.5	5.72	0.66	0.83	0.98
			2010	62	3.43	0.63	0.77	0.9	59.5	3.91	0.64	0.78	0.93	57	4.45	0.65	0.81	0.95	54	5.06	0.67	0.83	0.98	50.5	5.74	0.68	0.86	1
		71°F (21.7°C)	1575	62	3.43	0.46	0.59	0.7	59.5	3.91	0.47	0.59	0.71	57	4.45	0.47	0.6	0.72	54	5.06	0.47	0.62	0.74	51	5.74	0.48	0.63	0.76
			1800	64	3.45	0.47	0.6	0.72	61	3.93	0.48	0.61	0.74	58.5	4.47	0.48	0.62	0.75	55.5	5.08	0.49	0.64	0.78	52	5.75	0.49	0.65	0.8
			2010	65.5	3.47	0.48	0.62	0.75	62.5	3.95	0.49	0.63	0.76	59.5	4.49	0.49	0.64	0.78	56	5.09	0.5	0.66	0.81	53	5.78	0.51	0.68	0.84

HEATING PERFORMANCE EXTENDED RATINGS

BH714S18P - BAH7P18PT - HEATING PERFORMANCE

Entering Dry Bulb Temperature	CFM	Air Temperature Entering Outdoor Coil									
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-28°C)	
		Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
		kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
65° F	525	22.1	1.14	17.3	1.07	12.5	1	8.2	0.9	4.1	0.67
	600	22.5	1.09	17.7	1.02	12.8	0.95	8.6	0.85	4.4	0.62
	675	22.6	1.14	17.8	1.07	12.9	0.91	8.6	0.8	4.5	0.57
70° F	525	21.8	1.22	17.1	1.14	12.4	1.06	8.2	0.95	4	0.71
	600	22.2	1.17	17.5	1.09	12.7	1.01	8.6	0.9	4.4	0.66
	675	22.2	1.22	17.6	1.14	12.8	0.97	8.7	0.86	4.5	0.61
75° F	525	21.4	1.3	16.9	1.21	12.2	1.13	8.2	1.01	4	0.75
	600	21.9	1.25	17.3	1.16	12.6	1.08	8.6	0.96	4.4	0.7
	675	21.9	1.3	17.4	1.21	12.7	1.03	8.7	0.91	4.5	0.65

BH714S18P - BAH7P18PT - INDOOR COIL AIR VOLUME - 600CFM

Indoor Entering Dry Bulb Temperature 65° F Dry Bulb				Indoor Entering Dry Bulb Temperature 70° F Dry Bulb				Indoor Entering Dry Bulb Temperature 75° F Dry Bulb			
Outdoor Temperature	Compressor Motor Input	Total Output	COP	Outdoor Temperature	Compressor Motor Input	Total Output	COP	Outdoor Temperature	Compressor Motor Input	Total Output	COP
65	1.09	22.5	4.61	65	1.17	22.2	4.31	65	1.25	21.9	4.06
60	1.09	21.3	4.43	60	1.17	21	4.13	60	1.25	20.7	3.89
55	1.06	20.1	4.21	55	1.13	19.9	3.97	55	1.21	19.6	3.73
50	1.04	19	4.03	50	1.11	18.8	3.8	50	1.19	18.5	3.54
47	1.03	18.3	3.91	47	1.1	18.1	3.68	47	1.17	17.9	3.47
45	1.02	17.7	3.81	45	1.09	17.5	3.59	45	1.16	17.3	3.38
40	1	16.2	3.54	40	1.07	16.1	3.35	40	1.14	15.9	3.15
35	0.98	14.8	3.29	35	1.04	14.6	3.1	35	1.11	14.4	2.91
30	0.97	13.8	3.09	30	1.03	13.7	2.93	30	1.1	13.5	2.75
25	0.95	12.8	2.91	25	1.01	12.7	2.74	25	1.08	12.6	2.6
20	0.94	11.8	2.7	20	1	11.8	2.58	20	1.07	11.8	2.45
17	0.93	11.2	2.58	17	0.99	11.2	2.47	17	1.06	11.2	2.34
15	0.93	10.8	2.49	15	0.98	10.8	2.38	15	1.05	10.8	2.28
10	0.91	9.6	2.25	10	0.97	9.6	2.15	10	1.03	9.7	2.07
5	0.85	8.6	2.15	5	0.9	8.6	2.07	5	0.96	8.6	1.97
0	0.79	7.5	2.02	0	0.84	7.5	1.93	0	0.9	7.6	1.87
-5	0.95	6.5	1.89	-5	1.01	6.5	1.81	-5	1.08	6.5	1.72
-10	0.68	5.4	1.7	-10	0.72	5.5	1.66	-10	0.77	5.5	1.58
-15	0.62	4.4	1.52	-15	0.66	4.4	1.45	-15	0.7	4.4	1.39
-20	0.56	3.4	1.29	-20	0.6	3.4	1.25	-20	0.63	3.4	1.19

HEATING PERFORMANCE EXTENDED RATINGS

BH714S24P - BAH7P24PT - HEATING PERFORMANCE

Entering Dry Bulb Temperature	CFM	Air Temperature Entering Outdoor Coil									
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-28°C)	
		Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
		kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
65° F	650	26.8	1.47	21.3	1.38	15.7	1.31	10.6	1.16	5.1	0.86
	750	27.4	1.39	21.8	1.31	16.2	1.23	11.1	1.08	5.7	0.79
	850	28	1.47	22.4	1.38	16.8	1.18	11.7	1.03	6.3	0.73
70° F	650	26.5	1.57	21	1.48	15.4	1.39	10.4	1.23	5	0.92
	750	27	1.49	21.6	1.4	16	1.31	10.9	1.16	5.6	0.84
	850	27.6	1.57	22.2	1.48	16.6	1.26	11.5	1.1	6.2	0.78
75° F	650	26.1	1.68	20.7	1.58	15.2	1.48	10.3	1.31	5	0.98
	750	26.6	1.6	21.2	1.5	15.8	1.4	10.8	1.23	5.5	0.9
	850	27.2	1.68	21.8	1.58	16.4	1.34	11.4	1.17	6.1	0.84

BH714S24P - BAH7P24PT - INDOOR COIL AIR VOLUME - 750CFM

Indoor Entering Dry Bulb Temperature 65° F Dry Bulb				Indoor Entering Dry Bulb Temperature 70° F Dry Bulb				Indoor Entering Dry Bulb Temperature 75° F Dry Bulb			
Outdoor Temperature	Compressor Motor Input	Total Output	COP	Outdoor Temperature	Compressor Motor Input	Total Output	COP	Outdoor Temperature	Compressor Motor Input	Total Output	COP
65	1.39	27.4	4.48	65	1.49	27	4.19	65	1.6	26.6	3.9
60	1.39	26	4.3	60	1.49	25.7	4.03	60	1.6	25.3	3.76
55	1.35	24.7	4.14	55	1.45	24.4	3.86	55	1.55	24	3.61
50	1.33	23.3	3.95	50	1.42	23	3.68	50	1.52	22.7	3.46
47	1.32	22.5	3.83	47	1.41	22.2	3.59	47	1.51	21.9	3.36
45	1.31	21.8	3.74	45	1.4	21.6	3.5	45	1.5	21.2	3.27
40	1.3	20.2	3.48	40	1.39	19.9	3.26	40	1.48	19.6	3.04
35	1.28	18.6	3.22	35	1.37	18.3	3.01	35	1.47	18	2.82
30	1.26	17.4	3.05	30	1.34	17.1	2.86	30	1.44	16.9	2.69
25	1.23	16.2	2.89	25	1.31	16	2.73	25	1.4	15.8	2.56
20	1.2	15.1	2.75	20	1.29	14.8	2.57	20	1.37	14.7	2.42
17	1.19	14.4	2.64	17	1.27	14.1	2.47	17	1.35	14	2.33
15	1.18	13.8	2.54	15	1.26	13.6	2.39	15	1.34	13.5	2.26
10	1.16	12.5	2.33	10	1.24	12.3	2.2	10	1.32	12.2	2.07
5	1.08	11.1	2.21	5	1.16	10.9	2.07	5	1.23	10.8	1.97
0	1.01	9.8	2.11	0	1.08	9.6	1.97	0	1.15	9.5	1.86
-5	1.23	8.4	1.95	-5	1.31	8.3	1.84	-5	1.4	8.2	1.73
-10	0.86	7	1.77	-10	0.92	6.9	1.66	-10	0.98	6.8	1.56
-15	0.79	5.7	1.58	-15	0.84	5.6	1.48	-15	0.9	5.5	1.38
-20	0.71	4.3	1.31	-20	0.76	4.2	1.22	-20	0.81	4.2	1.16

HEATING PERFORMANCE EXTENDED RATINGS

BH714S30P - BAH7P30PT - HEATING PERFORMANCE

Entering Dry Bulb Temperature	CFM	Air Temperature Entering Outdoor Coil									
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-28°C)	
		Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
		kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
65° F	875	34.6	1.89	27.4	1.75	20	1.61	13.4	1.43	6.5	1.06
	1000	35.3	1.82	28.1	1.67	20.7	1.53	14.1	1.35	7.2	0.99
	1125	36.1	1.89	28.9	1.75	21.5	1.47	14.9	1.29	8	0.93
70° F	875	34.2	2.01	27	1.86	19.7	1.7	13.2	1.51	6.4	1.12
	1000	34.9	1.93	27.7	1.78	20.4	1.62	13.9	1.43	7.1	1.04
	1125	35.7	2.01	28.5	1.86	21.3	1.56	14.7	1.37	7.9	0.99
75° F	875	33.6	2.13	26.6	1.97	19.4	1.8	13	1.59	6.3	1.18
	1000	34.4	2.05	27.3	1.89	20.2	1.72	13.7	1.51	7	1.11
	1125	35.1	2.13	28.1	1.97	20.9	1.66	14.5	1.45	7.8	1.04

BH714S30P - BAH7P30PT - INDOOR COIL AIR VOLUME - 1000CFM

Indoor Entering Dry Bulb Temperature 65° F Dry Bulb				Indoor Entering Dry Bulb Temperature 70° F Dry Bulb				Indoor Entering Dry Bulb Temperature 75° F Dry Bulb			
Outdoor Temperature	Compressor Motor Input	Total Output	COP	Outdoor Temperature	Compressor Motor Input	Total Output	COP	Outdoor Temperature	Compressor Motor Input	Total Output	COP
65	1.82	35.3	4.35	65	1.93	34.9	4.09	65	2.05	34.4	3.85
60	1.82	33.5	4.18	60	1.93	33.1	3.94	60	2.05	32.7	3.71
55	1.75	31.8	4.02	55	1.86	31.4	3.79	55	1.97	30.9	3.56
50	1.71	30	3.86	50	1.82	29.6	3.63	50	1.93	29.2	3.42
47	1.69	28.9	3.75	47	1.8	28.6	3.54	47	1.91	28.2	3.33
45	1.67	28.1	3.68	45	1.78	27.7	3.45	45	1.89	27.3	3.25
40	1.63	25.9	3.47	40	1.73	25.5	3.25	40	1.83	25.2	3.08
35	1.58	23.7	3.23	35	1.68	23.4	3.06	35	1.78	23.1	2.88
30	1.55	22.2	3.07	30	1.65	21.9	2.89	30	1.75	21.6	2.73
25	1.53	20.7	2.89	25	1.62	20.4	2.73	25	1.72	20.2	2.58
20	1.5	19.2	2.72	20	1.6	19	2.58	20	1.69	18.7	2.42
17	1.49	18.3	2.6	17	1.58	18.1	2.47	17	1.67	17.8	2.33
15	1.47	17.6	2.53	15	1.56	17.4	2.39	15	1.66	17.2	2.26
10	1.44	15.9	2.32	10	1.53	15.6	2.18	10	1.62	15.4	2.06
5	1.35	14.1	2.2	5	1.43	13.9	2.08	5	1.51	13.7	1.96
0	1.26	12.4	2.08	0	1.33	12.2	1.95	0	1.41	12.1	1.86
-5	1.53	10.7	1.94	-5	1.62	10.5	1.82	-5	1.72	10.4	1.72
-10	1.08	9	1.77	-10	1.14	8.8	1.65	-10	1.21	8.7	1.56
-15	0.99	7.2	1.55	-15	1.04	7.1	1.46	-15	1.11	7	1.38
-20	0.89	5.5	1.3	-20	0.95	5.4	1.23	-20	1	5.4	1.17

HEATING PERFORMANCE EXTENDED RATINGS

BH714S36P - BAH7P36PT - HEATING PERFORMANCE

Entering Dry Bulb Temperature	CFM	Air Temperature Entering Outdoor Coil									
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-28°C)	
		Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
		kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
65° F	1050	42.6	2.26	33.3	2.11	23.8	1.95	15.6	1.76	7.7	1.31
	1200	43.3	2.16	34	2.01	24.5	1.85	16.3	1.66	8.4	1.21
	1350	44.3	2.26	35	2.11	25.5	1.77	17.3	1.58	9.4	1.13
70° F	1050	42.3	2.41	32.9	2.25	23.5	2.08	15.2	1.88	7.5	1.4
	1200	43	2.31	33.7	2.15	24.2	1.98	16	1.78	8.3	1.29
	1350	43.8	2.41	34.5	2.25	25	1.89	16.8	1.69	9	1.21
75° F	1050	41.7	2.57	32.3	2.4	22.8	2.22	14.6	2.01	7.1	1.49
	1200	42.7	2.46	33.3	2.29	23.8	2.11	15.6	1.9	8.1	1.38
	1350	43.6	2.57	34.2	2.4	24.7	2.02	16.4	1.8	8.9	1.28

BH714S36P - BAH7P36PT - INDOOR COIL AIR VOLUME - 1200CFM

Indoor Entering Dry Bulb Temperature 65° F Dry Bulb				Indoor Entering Dry Bulb Temperature 70° F Dry Bulb				Indoor Entering Dry Bulb Temperature 75° F Dry Bulb			
Outdoor Temperature	Compressor Motor Input	Total Output	COP	Outdoor Temperature	Compressor Motor Input	Total Output	COP	Outdoor Temperature	Compressor Motor Input	Total Output	COP
65	2.16	43.3	4.51	65	2.31	43	4.26	65	2.46	42.7	4.01
60	2.16	41	4.32	60	2.31	40.8	4.09	60	2.46	40.4	3.84
55	2.09	38.7	4.14	55	2.23	38.5	3.9	55	2.39	38.1	3.67
50	2.05	36.4	3.94	50	2.2	36.2	3.72	50	2.35	35.8	3.5
47	2.03	35.1	3.82	47	2.17	34.8	3.6	47	2.32	34.4	3.38
45	2.01	34	3.75	45	2.15	33.7	3.53	45	2.29	33.3	3.31
40	1.94	31.2	3.52	40	2.08	30.9	3.3	40	2.22	30.5	3.1
35	1.88	28.4	3.28	35	2.01	28.1	3.08	35	2.15	27.8	2.9
30	1.86	26.4	3.06	30	1.99	26.1	2.89	30	2.13	25.8	2.71
25	1.85	24.5	2.86	25	1.98	24.2	2.69	25	2.11	23.8	2.51
20	1.83	22.6	2.66	20	1.96	22.3	2.49	20	2.1	21.9	2.32
17	1.82	21.4	2.53	17	1.95	21.1	2.37	17	2.09	20.7	2.21
15	1.81	20.5	2.43	15	1.93	20.2	2.28	15	2.07	19.8	2.13
10	1.77	18.2	2.19	10	1.9	17.9	2.05	10	2.03	17.5	1.91
5	1.66	16.3	2.09	5	1.78	16	1.96	5	1.9	15.6	1.81
0	1.55	14.3	1.98	0	1.65	14	1.84	0	1.77	13.7	1.71
-5	1.85	12.3	1.84	-5	1.98	12.1	1.72	-5	2.11	11.8	1.59
-10	1.32	10.4	1.68	-10	1.41	10.2	1.57	-10	1.51	10	1.46
-15	1.21	8.4	1.49	-15	1.29	8.3	1.41	-15	1.38	8.1	1.3
-20	1.09	6.4	1.26	-20	1.17	6.3	1.18	-20	1.25	6.2	1.1

HEATING PERFORMANCE EXTENDED RATINGS

BH714S42P - BAH7P42PT - HEATING PERFORMANCE

Entering Dry Bulb Temperature	CFM	Air Temperature Entering Outdoor Coil									
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-28°C)	
		Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
		kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
65° F	1195	48.8	2.7	38.5	2.53	27.8	2.35	19.3	2.12	9.4	1.57
	1370	49.8	2.59	39.4	2.42	28.7	2.24	20.3	2.01	10.3	1.46
	1545	50.8	2.7	40.5	2.53	29.8	2.15	21.3	1.93	11.4	1.38
70° F	1195	48.3	2.88	38	2.68	27.4	2.47	18.9	2.21	9.2	1.64
	1370	49.2	2.76	39	2.56	28.4	2.35	19.9	2.1	10.2	1.53
	1545	50.3	2.88	40.1	2.68	29.5	2.26	21	2.01	11.3	1.44
75° F	1195	47.7	3.06	37.5	2.83	27	2.59	18.6	2.31	9	1.72
	1370	48.7	2.94	38.5	2.71	28	2.47	19.6	2.19	10	1.6
	1545	49.8	3.06	39.6	2.83	29.1	2.38	20.7	2.1	11.2	1.51

BH714S42P - BAH7P42PT - INDOOR COIL AIR VOLUME - 1370CFM

Indoor Entering Dry Bulb Temperature 65° F Dry Bulb				Indoor Entering Dry Bulb Temperature 70° F Dry Bulb				Indoor Entering Dry Bulb Temperature 75° F Dry Bulb			
Outdoor Temperature	Compressor Motor Input	Total Output	COP	Outdoor Temperature	Compressor Motor Input	Total Output	COP	Outdoor Temperature	Compressor Motor Input	Total Output	COP
65	2.59	49.8	4.29	65	2.76	49.2	4.04	65	2.94	48.7	3.81
60	2.59	47.3	4.12	60	2.76	46.8	3.9	60	2.94	46.3	3.68
55	2.51	44.8	3.95	55	2.67	44.4	3.74	55	2.83	43.8	3.53
50	2.47	42.4	3.79	50	2.62	41.9	3.58	50	2.78	41.4	3.38
47	2.44	40.9	3.68	47	2.59	40.4	3.47	47	2.74	39.9	3.28
45	2.42	39.4	3.57	45	2.56	39	3.38	45	2.71	38.5	3.2
40	2.35	35.7	3.3	40	2.49	35.3	3.12	40	2.63	34.9	2.96
35	2.28	32	3.01	35	2.41	31.7	2.87	35	2.55	31.2	2.71
30	2.26	30.3	2.87	30	2.38	30.1	2.75	30	2.51	29.6	2.6
25	2.24	28.7	2.74	25	2.35	28.4	2.62	25	2.47	28	2.49
20	2.22	27.1	2.6	20	2.32	26.8	2.49	20	2.44	26.4	2.37
17	2.21	26.2	2.53	17	2.3	25.8	2.42	17	2.41	25.4	2.3
15	2.19	25.2	2.44	15	2.29	24.8	2.34	15	2.39	24.4	2.22
10	2.15	22.7	2.23	10	2.24	22.4	2.14	10	2.34	22	2.03
5	2.01	20.3	2.13	5	2.1	19.9	2.03	5	2.19	19.6	1.94
0	1.87	17.8	2.01	0	1.95	17.5	1.92	0	2.04	17.2	1.83
-5	2.24	15.3	1.87	-5	2.35	15.1	1.78	-5	2.47	14.8	1.69
-10	1.6	12.8	1.7	-10	1.67	12.6	1.62	-10	1.75	12.4	1.55
-15	1.46	10.3	1.5	-15	1.53	10.2	1.44	-15	1.6	10	1.36
-20	1.32	7.9	1.27	-20	1.38	7.7	1.2	-20	1.45	7.6	1.14

HEATING PERFORMANCE EXTENDED RATINGS

BH714S48P - BAH7E48PT - HEATING PERFORMANCE

Entering Dry Bulb Temperature	CFM	Air Temperature Entering Outdoor Coil									
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-28°C)	
		Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
		kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
65° F	1360	57.6	3.25	45.3	3.01	32.8	2.77	21.7	2.44	10.6	1.82
	1560	58.6	3.1	46.3	2.86	33.9	2.62	22.8	2.29	11.7	1.67
	1760	59.7	3.25	47.4	3.01	34.9	2.51	23.8	2.18	12.7	1.56
70° F	1360	56.9	3.47	44.8	3.21	32.5	2.95	21.5	2.61	10.6	1.95
	1560	57.9	3.31	45.8	3.05	33.5	2.8	22.5	2.45	11.6	1.79
	1760	59.1	3.47	47	3.21	34.7	2.68	23.7	2.33	12.8	1.67
75° F	1360	56.2	3.7	44.2	3.43	32	3.16	21.2	2.79	10.4	2.08
	1560	57.3	3.53	45.3	3.26	33.1	2.99	22.2	2.62	11.4	1.91
	1760	58.4	3.7	46.3	3.43	34.1	2.86	23.3	2.5	12.5	1.79

BH714S48P - BAH7E48PT - INDOOR COIL AIR VOLUME - 1560CFM

Indoor Entering Dry Bulb Temperature 65° F Dry Bulb				Indoor Entering Dry Bulb Temperature 70° F Dry Bulb				Indoor Entering Dry Bulb Temperature 75° F Dry Bulb			
Outdoor Temperature	Compressor Motor Input	Total Output	COP	Outdoor Temperature	Compressor Motor Input	Total Output	COP	Outdoor Temperature	Compressor Motor Input	Total Output	COP
65	3.1	58.6	4.41	65	3.31	57.9	4.14	65	3.53	57.3	3.89
60	3.1	55.6	4.25	60	3.31	54.9	3.99	60	3.53	54.4	3.75
55	2.98	52.6	4.09	55	3.18	52	3.84	55	3.4	51.4	3.59
50	2.93	49.6	3.91	50	3.12	49	3.67	50	3.33	48.5	3.44
47	2.89	47.8	3.81	47	3.08	47.2	3.56	47	3.29	46.7	3.35
45	2.86	46.3	3.71	45	3.05	45.8	3.49	45	3.26	45.3	3.27
40	2.8	42.7	3.48	40	2.98	42.2	3.26	40	3.19	41.7	3.06
35	2.73	39	3.23	35	2.91	38.6	3.04	35	3.11	38	2.84
30	2.67	36.4	3.06	30	2.85	36	2.88	30	3.05	35.6	2.7
25	2.62	33.9	2.9	25	2.8	33.5	2.72	25	2.99	33.1	2.55
20	2.56	31.3	2.72	20	2.74	30.9	2.55	20	2.93	30.6	2.4
17	2.53	29.8	2.61	17	2.7	29.4	2.45	17	2.89	29.1	2.3
15	2.51	28.6	2.52	15	2.68	28.2	2.37	15	2.87	27.9	2.22
10	2.45	25.6	2.3	10	2.62	25.3	2.16	10	2.8	25	2.03
5	2.29	22.8	2.19	5	2.45	22.5	2.05	5	2.62	22.2	1.92
0	2.14	20	2.06	0	2.28	19.8	1.94	0	2.45	19.5	1.81
-5	2.62	17.2	1.92	-5	2.8	17	1.8	-5	2.99	16.8	1.69
-10	1.83	14.5	1.76	-10	1.95	14.3	1.64	-10	2.09	14.1	1.54
-15	1.67	11.7	1.55	-15	1.79	11.6	1.46	-15	1.91	11.4	1.36
-20	1.52	8.9	1.3	-20	1.62	8.8	1.22	-20	1.74	8.7	1.15

HEATING PERFORMANCE EXTENDED RATINGS

BH714S60P - BAH7E60PT - HEATING PERFORMANCE

Entering Dry Bulb Temperature	CFM	Air Temperature Entering Outdoor Coil									
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-28°C)	
		Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
		kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
65° F	1575	68	3.95	53.7	3.63	38.9	3.3	27.4	2.92	13.4	2.18
	1800	69.1	3.78	54.8	3.46	40	3.13	28.5	2.75	14.5	2.01
	2010	70.3	3.95	56	3.63	41.2	3.01	29.6	2.63	15.6	1.89
70° F	1575	67.1	4.2	53.1	3.86	38.6	3.52	27.1	3.12	13.2	2.33
	1800	68.4	4.02	54.3	3.69	39.8	3.34	28.3	2.94	14.4	2.15
	2010	69.5	4.2	55.5	3.86	41	3.22	29.5	2.82	15.6	2.02
75° F	1575	66.1	4.47	52.4	4.12	38.2	3.76	27	3.34	13.1	2.49
	1800	67.2	4.28	53.5	3.93	39.4	3.57	28.1	3.15	14.3	2.3
	2010	68.5	4.47	54.9	4.12	40.7	3.44	29.5	3.02	15.6	2.17

BH714S60P - BAH7E60PT - INDOOR COIL AIR VOLUME - 1800CFM

Indoor Entering Dry Bulb Temperature 65° F Dry Bulb				Indoor Entering Dry Bulb Temperature 70° F Dry Bulb				Indoor Entering Dry Bulb Temperature 75° F Dry Bulb			
Outdoor Temperature	Compressor Motor Input	Total Output	COP	Outdoor Temperature	Compressor Motor Input	Total Output	COP	Outdoor Temperature	Compressor Motor Input	Total Output	COP
65	3.78	69.1	4.36	65	4.02	68.4	4.1	65	4.28	67.2	3.83
60	3.78	65.8	4.22	60	4.02	65	3.96	60	4.28	64	3.71
55	3.62	62.4	4.07	55	3.86	61.7	3.82	55	4.11	60.7	3.57
50	3.55	59	3.91	50	3.78	58.4	3.68	50	4.03	57.5	3.44
47	3.5	57	3.82	47	3.73	56.4	3.58	47	3.98	55.6	3.36
45	3.46	54.8	3.71	45	3.69	54.3	3.49	45	3.93	53.5	3.27
40	3.35	49.5	3.43	40	3.57	49.1	3.23	40	3.81	48.5	3.03
35	3.24	44.2	3.14	35	3.45	44	2.97	35	3.68	43.4	2.78
30	3.19	42.1	3.03	30	3.4	41.9	2.87	30	3.63	41.4	2.69
25	3.13	40	2.92	25	3.34	39.8	2.76	25	3.57	39.4	2.59
20	3.08	38	2.81	20	3.29	37.7	2.65	20	3.51	37.3	2.48
17	3.04	36.7	2.74	17	3.25	36.4	2.58	17	3.48	36.1	2.43
15	3.01	35.4	2.66	15	3.22	35.1	2.51	15	3.45	34.8	2.35
10	2.94	32	2.45	10	3.14	31.8	2.32	10	3.36	31.6	2.18
5	2.75	28.5	2.33	5	2.94	28.3	2.2	5	3.15	28.1	2.07
0	2.57	25	2.2	0	2.74	24.8	2.07	0	2.94	24.7	1.96
-5	3.13	21.5	2.04	-5	3.34	21.4	1.93	-5	3.57	21.2	1.81
-10	2.2	18	1.86	-10	2.35	17.9	1.75	-10	2.51	17.8	1.65
-15	2.01	14.5	1.63	-15	2.15	14.4	1.54	-15	2.3	14.3	1.45
-20	1.83	11	1.37	-20	1.95	10.9	1.29	-20	2.09	10.8	1.21

REVISIONS

Sections	Description of Change
Specifications	Added Refrigerant Line Set for 30 FT
Cooling & Heating Performance Extended Ratings	Added Extended Ratings data for the Cooling & Heating Performance

NOTE - Due to our ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability.
Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury.
Installation and service must be performed by a qualified installer and servicing agency.