

Ducane™

AIR CONDITIONING
AND HEATING



2013

G.W. Berkheimer Co., Inc.
Ducane Product Catalog

SERVICE
BERKHEIMER
QUALITY

**SOUTH
CENTRAL**



Table of Contents

Gas Furnaces

95G2V	2
95G1	3
92G1	4
80G2	5
80G1	6

Condensing Units

4AC18LT	7
4AC16LT	8
4AC14L	9
4AC13L	10
13ACDL, 2SCU13	11

Heat Pumps

4HP18LT	12
4HP16LT	13
4HP14L	14
4HP13L	15
13HPDL, 2SHP13	16

Air Handlers

BCS2, BCS3 and EFC/EFV	17,18
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Residential Packaged Units

RCE13	19
RGE13	20
RHP13	21

Cased and Uncased Coils

22,23

Model Number Guides

24

SERVICE
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**SOUTH
CENTRAL**

95G2V Series Gas Furnaces

Two-Stage, Variable Speed



Heat Exchanger Design

- Aluminized steel heat exchanger material
- AL 29-4C stainless steel secondary heat exchanger
- Non-welded crimped S-curve primary heat exchanger design for maximum durability

Burners

- Aluminized steel inshot burners for smooth ignition
- Isolated burner enclosure for quiet operation

Cabinet Construction

- Compact 33" height
- Standardized widths for easy coil fit

Air Delivery System

- Efficient ECM variable speed blower motor
- Easily removable slide-out blower design

Controls

- Two-stage gas valve
- System Sentry™ control retains last five (5) fault codes with push button memory recall, regardless of power interruption

Venting

- 2-speed induced draft motor with stainless steel shaft, steel ball bearings, and fan cooled for long life
- Certified for direct vent (2-pipe) applications only

Installation Features

- Left or right gas and electric entry
- Zero step horizontal conversion
- Removable floor base for bottom return air

Warranty

- 10 year limited parts warranty*
- Lifetime limited heat exchanger warranty

* On-line registration required within 60 days of installation. Warranty terms will be impacted if registration not completed on time. See warranty certificate for complete details.



Upflow/Horizontal Furnaces

Bercor Number	Model No.	1st Stage		2nd Stage		AFUE	Nom. Cooling Capacity (Tons)	Gas Inlet	Volts/Hz/Phase	Max. Time Delay Breaker or Fuse	Nominal F.L.A.	Trans (V.A.)	Cabinet Dimensions H x W x D (In.)	Ship Weight (Lbs.)
		Input (Btuh)	Output (Btuh)	Input (Btuh)	Output (Btuh)									
84534	95G2UH045BV12	29,000	28,000	44,000	42,000	95.0	3	1/2	120-60-1	15	7.7	40	33 x 17-1/2 x 28-1/2	130
84535	95G2UH070BV12	43,000	41,000	66,000	62,000	95.0	3	1/2	120-60-1	15	7.7	40	33 x 17-1/2 x 28-1/2	138
84536	95G2UH090CV12	57,000	55,000	88,000	84,000	95.0	3	1/2	120-60-1	15	7.7	40	33 x 21 x 28-1/2	154
84537	95G2UH090CV20	57,000	55,000	88,000	85,000	95.0	5	1/2	120-60-1	20	12.8	40	33 x 21 x 28-1/2	166
84538	95G2UH110CV20	72,000	70,000	110,000	105,000	95.0	4	1/2	120-60-1	15	12.8	40	33 x 21 x 28-1/2	173
84539	95G2UH135DV20	88,000	84,000	135,000	126,000	95.0	5	1/2	120-60-1	20	12.8	40	33 x 24-1/2 x 28-182	188

Downflow Furnaces

Bercor Number	Model No.	1st Stage		2nd Stage		AFUE	Nom. Cooling Capacity (Tons)	Gas Inlet	Volts/Hz/Phase	Max. Time Delay Breaker or Fuse	Nominal F.L.A.	Trans (V.A.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)
		Input (Btuh)	Output (Btuh)	Input (Btuh)	Output (Btuh)									
84530	95G2DF045BV12	29,000	28,000	44,000	43,000	95.0	3	1/2	120-60-1	15	7.7	40	33 x 17-1/2 x 28-1/2	131
84531	95G2DF070BV16	43,000	42,000	66,000	64,000	95.0	4	1/2	120-60-1	15	10.1	40	33 x 17-1/2 x 28-1/2	138
84532	95G2DF090CV20	57,000	56,000	88,000	85,000	95.0	5	1/2	120-60-1	20	12.8	40	33 x 21 x 28-1/2	166
84533	95G2DF110CV20	72,000	70,000	110,000	106,000	95.0	5	1/2	120-60-1	20	12.8	40	33 x 21 x 28-1/2	176

Accessories

Bercor Number	Description
84258	78W94 LP KIT F/ 95% 2 STAGE FURNACE
84338	68W62 17.5" RETURN AIR BASE
84339	68W63 21" RETURN AIR BASE
84340	68W64 24.5" RETURN AIR BASE
87909	84W50 605927-11 NIGHT SERVICE KIT
84341	51W11 2" AND 3" FLUSH MOUNT TERMINATION KIT
84342	71M80 1-1/2" CONCENTRIC VENT KIT
84343	69M29 2" CONCENTRIC VENT KIT
84344	60L46 3" CONCENTRIC VENT KIT

95G1 Series Gas Furnaces

Single-Stage

Heat Exchanger Design

- Aluminized steel design primary heat exchanger with crimped no weld construction
- AL 29-4C stainless steel secondary heat exchanger

Cabinet Design

- Compact 33" height
- Standardized widths for easy coil fit

Air Delivery System

- Multi-speed PSC blower motor
- Easily removable slide-out blower design

Controls

- Single-stage gas valve
- Self diagnostics saves last 5 fault codes regardless of power interruption

Venting

- Design certified for direct and non-direct applications

Installation Features

- Left or right utility connection
- Zero step horizontal conversion
- Removable floor base for bottom return air

Warranty

- 10 year limited parts warranty*
- Lifetime limited heat exchanger warranty

* On-line registration required within 60 days of installation. Warranty terms will be impacted if registration not completed on time. See warranty certificate for complete details.



Upflow/Horizontal Furnaces

Bercor Number	Model No.	Input (Btuh)	Output (Btuh)	AFUE %	Nom. Cooling Cap. (Tons)	Gas Inlet	Volts/Hz/Phase	Max. Time Delay Breaker or Fuse	Nominal F.L.A.	Trans (V.A.)	Cabinet Dimensions H x W x D (In.)	Ship Weight (Lbs.)
84433	95G1UH045BP08	44,000	41,000	95	1.5-2.0	1/2	120/60/1	15	3.1	40	33 x 17-1/2 x 28-1/2	121
84434	95G1UH045BP12	44,000	42,000	95	2.0-3.0	1/2	120/60/1	15	6.1	40	33 x 17-1/2 x 28-1/2	123
84435	95G1UH070BP12	66,000	64,000	95	2.0-3.0	1/2	120/60/1	15	6.1	40	33 x 17-1/2 x 28-1/2	128
84436	95G1UH090CP12	88,000	85,000	95	2.0-3.0	1/2	120/60/1	15	6.1	40	33 x 21 x 28-1/2	145
84437	95G1UH090CP16	88,000	85,000	95	3.0-4.0	1/2	120/60/1	15	8.2	40	33 x 21 x 28-1/2	148
84438	95G1UH110CP16	110,000	106,000	95	3.0-4.0	1/2	120/60/1	15	8.2	40	33 x 21 x 28-1/2	157
84439	95G1UH110CP20	110,000	106,000	95	4.0-5.0	1/2	120/60/1	15	10.0	40	33 x 21 x 28-1/2	163
84440	95G1UH135DP20	132,000	126,000	95	4.0-5.0	1/2	120/60/1	15	10.0	40	33 x 24-1/2 x 28-1/2	180

Downflow Furnaces

Bercor Number	Model No.	Input (Btuh)	Output (Btuh)	AFUE %	Nom. Cooling Capacity (Tons)	Gas Inlet	Volts/Hz/Phase	Max. Time Delay Breaker or Fuse	Nominal F.L.A.	Trans (V.A.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)
84429	95G1DF045BP12	44,000	42,000	95	2.0-3.0	1/2	120/60/1	15	6.1	40	33 x 17-1/2 x 28-1/2	125
84430	95G1DF070BP12	66,000	64,000	95	2.0-3.0	1/2	120/60/1	15	6.1	40	33 x 17-1/2 x 28-1/2	131
84431	95G1DF090CP20	88,000	85,000	95	4.0-5.0	1/2	120/60/1	20	11.5	40	33 x 21 x 28-1/2	150
84432	95G1DF110CP20	110,000	106,000	95	4.0-5.0	1/2	120/60/1	20	11.5	40	33 x 21 x 28-1/2	165

Accessories

Bercor Number	Description
84333	68W75 LP KIT
84338	68W62 17.5" RETURN AIR BASE
84339	68W63 21" RETURN AIR BASE
84340	68W64 24.5" RETURN AIR BASE
63861	68W80 SINGLE STAGE NIGHT SERVICE KIT
84341	51W11 2" AND 3" FLUSH MOUNT TERMINATION KIT
84342	71M80 1-1/2" CONCENTRIC VENT KIT
84343	69M29 2" CONCENTRIC VENT KIT
84344	60L46 3" CONCENTRIC VENT KIT

92G1 Series Gas Furnaces

Single-Stage



Heat Exchanger Design

- Aluminized steel design primary heat exchanger with crimped no weld construction
- AL 29-4C stainless steel secondary heat exchanger

Cabinet Design

- Compact 33" height
- Standardized widths for easy coil fit

Air Delivery System

- Multi-speed PSC blower motor
- Easily removable slide-out blower design

Controls

- Single-stage gas valve
- Self diagnostics saves last 5 fault codes regardless of power interruption

Venting

- Design certified for direct and non-direct applications

Installation Features

- Left or right utility connection
- Zero step horizontal conversion
- Removable floor base for bottom return air

Warranty

- 10 year limited parts warranty*
- Lifetime limited heat exchanger warranty

* On-line registration required within 60 days of installation. Warranty terms will be impacted if registration not completed on time. See warranty certificate for complete details.



Upflow/Horizontal Furnaces

Bercor Number	Model No.	Input (Btuh)	Output (Btuh)	AFUE (%)	Nom. Cooling Capacity (Tons)	Gas Inlet (In.)	Volts/Hz/Phase	Max. Time Delay Breaker or Fuse	Nominal F.L.A.	Trans. (V.A.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)
84420	92G1UH045BP08	44,000	41,000	92.1	1.5-2.0	1/2	120/60/1	15	3.1	40	33 x 17-1/2 x 28-1/2	120
84421	92G1UH045BP12	44,000	42,000	92.1	2.5-3.0	1/2	120/60/1	15	6.1	40	33 x 17-1/2 x 28-1/2	122
84422	92G1UH070BP08	66,000	62,000	92.1	1.5-2.0	1/2	120/60/1	15	3.1	40	33 x 17-1/2 x 28-1/2	125
84423	92G1UH070BP12	66,000	62,000	92.1	2.5-3.0	1/2	120/60/1	15	6.1	40	33 x 17-1/2 x 28-1/2	127
84424	92G1UH090CP12	88,000	83,000	92.1	2.0-3.0	1/2	120/60/1	15	6.1	40	33 x 21 x 28-1/2	143
84425	92G1UH090CP16	88,000	83,000	92.1	3.0-4.0	1/2	120/60/1	15	8.2	40	33 x 21 x 28-1/2	146
84426	92G1UH110CP16	110,000	104,000	92.1	3.0-4.0	1/2	120/60/1	15	8.2	40	33 x 21 x 28-1/2	155
84427	92G1UH110CP20	110,000	104,000	92.1	4.0-5.0	1/2	120/60/1	15	10.0	40	33 x 21 x 28-1/2	161
84428	92G1UH135DP20	135,000	124,000	92.1	4.0-5.0	1/2	120/60/1	15	10.0	40	33 x 24-1/2 x 28-1/2	178

Downflow Furnaces

Bercor Number	Model No.	Input (Btuh)	Output (Btuh)	AFUE (%)	Nom. Cooling Capacity (Tons)	Gas Inlet (In.)	Volts/Hz/Phase	Max. Time Delay Breaker or Fuse	Nominal F.L.A.	Trans. (V.A.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)
84416	92G1DF045BP12	44,000	42,000	92.1	2.5-3.0	1/2	120/60/1	15	6.1	40	33 x 17-1/2 x 28-1/2	124
84417	92G1DF070BP12	66,000	62,000	92.1	2.5-3.0	1/2	120/60/1	15	6.1	40	33 x 17-1/2 x 28-1/2	129
84418	92G1DF090CP16	88,000	84,000	92.1	3.0-4.0	1/2	120/60/1	15	8.2	40	33 x 21 x 28-1/2	147
84419	92G1DF110CP20	110,000	104,000	92.1	4.0-5.0	1/2	120/60/1	20	11.5	40	33 x 21 x 28-1/2	162

Accessories **CONDITIONING**

Bercor Number	Description
84333	68W75 LP KIT
84338	68W62 17.5" RETURN AIR BASE
84339	68W63 21" RETURN AIR BASE
84340	68W64 24.5" RETURN AIR BASE
63861	68W80 SINGLE STAGE NIGHT SERVICE KIT
84341	51W11 2" AND 3" FLUSH MOUNT TERMINATION KIT
84342	71M80 1-1/2" CONCENTRIC VENT KIT
84343	69M29 2" CONCENTRIC VENT KIT
84344	60L46 3" CONCENTRIC VENT KIT

80G2 Series Gas Furnaces

2-Stage, Variable-Speed

Heat Exchanger Design

- Crimped no-weld aluminized clam shell heat exchanger construction

Cabinet Design

- Compact 33" height
- Standardized widths for easy coil fit

Air Delivery System

- ECM™ variable speed blower motor
- Easily removable slide-out blower design.

Controls

- Two-stage gas valve
- Self diagnostics saves last 5 fault codes regardless of power interruption

Installation Features

- Left or right utility connection
- Zero step horizontal conversion
- Removable floor base for bottom return air

Venting

- Rotatable draft inducer for venting flexibility

Warranty

- 10 year limited parts warranty*
- Lifetime limited heat exchanger warranty

* On-line registration required within 60 days of installation. Warranty terms will be impacted if registration not completed on time. See warranty certificate for complete details.



Lifetime Limited
Heat Exchanger
Warranty

10-year Limited
Parts
Warranty

Regional Standards are Coming!
New furnace standards will take effect May 2013

Upflow/Horizontal Furnaces

Bercor Number	Model No.	Input (Btuh)	Output (Btuh)	AFUE (%)	Nom. Cooling Capacity (Tons)	Gas Inlet (In.)	Volts/Hz/Phase	Max. Time Delay Breaker or Fuse	Nominal F.L.A.	Trans. (V.A.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)
84413	80G2UH070AV12	66,000	52,800	80	3	1/2	120/60/1	15	7.7	40	33 x 14-1/2 x 28-3/8	128
84414	80G2UH090BV16	88,000	70,400	80	4	1/2	120/60/1	20	12.8	40	33 x 17-1/2 x 28-3/8	154
84415	80G2UH110CV20	110,000	88,000	80	5	1/2	120/60/1	20	12.8	40	33 x 21 x 28-3/8	181

Accessories

Bercor Number	Description
84337	68W61 14.5" RETURN AIR BASE
84338	68W62 17.5" RETURN AIR BASE
84339	68W63 21" RETURN AIR BASE
84259	77W08 LP KIT F/ 80% 2 STAGE FURNACE
63872	68W81 TWO STAGE NIGHT SERVICE KIT

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80G1 Gas Furnace

Single-Stage



Heat Exchanger Design

- Crimped no-weld aluminized clam shell heat exchanger construction

Cabinet Design

- Compact 33" height
- Standardized widths for easy coil fit

Air Delivery System

- Multi-speed PSC blower motor
- Easily removable slide-out blower design

Controls

- Single-stage gas valve
- Self diagnostics saves last 5 fault codes regardless of power interruption

Installation Features

- Left or right utility connection
- Zero step horizontal conversion
- Removable floor base for bottom return air

Venting

- Rotatable draft inducer for venting flexibility

Warranty

- 10 year limited parts warranty*
- Lifetime limited heat exchanger warranty

* On-line registration required within 60 days of installation. Warranty terms will be impacted if registration not completed on time. See warranty certificate for complete details.



Lifetime Limited
Heat Exchanger
Warranty

10-year Limited
Parts
Warranty

Upflow/Horizontal Furnaces

Bercor Number	Model No.	Input (Btuh)	Output (Btuh)	AFUE (%)	Nom. Cooling Capacity (Tons)	Gas Inlet (In.)	Volts/Hz/ Phase	Max. Time Delay Breaker or Fuse	Nominal F.L.A.	Trans. (V.A.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)
84404	80G1UH045AP12	44,000	35,200	80	2.0-3.0	1/2	120/60/1	15	6.1	40	33 x 14-1/2 x 28-3/8	110
84405	80G1UH070AP08	66,000	52,800	80	1.5-2.0	1/2	120/60/1	15	3.1	40	33 x 14-1/2 x 28-3/8	114
84406	80G1UH070AP12	66,000	52,800	80	2.0-3.0	1/2	120/60/1	15	6.1	40	33 x 14-1/2 x 28-3/8	119
84407	80G1UH090BP12	88,000	70,400	80	2.0-3.0	1/2	120/60/1	15	6.1	40	33 x 17-1/2 x 28-3/8	131
84408	80G1UH090BP16	88,000	70,400	80	3.0-4.0	1/2	120/60/1	15	8.2	40	33 x 17-1/2 x 28-3/8	183
84409	80G1UH110CP12	110,000	88,000	80	2.0-3.0	1/2	120/60/1	15	6.1	40	33 x 21 x 28-3/8	144
84410	80G1UH110CP16	110,000	88,000	80	3.0-4.0	1/2	120/60/1	15	8.2	40	33 x 21 x 28-3/8	151
84411	80G1UH110CP20	110,000	88,000	80	4.0-5.0	1/2	120/60/1	15	10	40	33 x 21 x 28-3/8	161
84412	80G1UH135DP20	132,000	105,600	80	4.0-5.0	1/2	120/60/1	15	10	40	33 x 24-1/2 x 28-3/8	174

Downflow Furnaces

Bercor Number	Model No.	Input (Btuh)	Output (Btuh)	AFUE (%)	Nom. Cooling Capacity (Tons)	Gas Inlet (In.)	Volts/Hz/ Phase	Max. Time Delay Breaker or Fuse	Nominal F.L.A.	Trans. (V.A.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)
84400	80G1DF045AP12	44,000	35,200	80	2.0-3.0	1/2	120/60/1	15	6.1	40	33 x 14-1/2 x 28-3/8	112
84401	80G1DF070AP12	66,000	52,800	80	2.0-3.0	1/2	120/60/1	15	6.1	40	33 x 14-1/2 x 28-3/8	121
84402	80G1DF090BP16	88,000	70,400	80	3.0-4.0	1/2	120/60/1	15	8.2	40	33 x 17-1/2 x 28-3/8	140
84403	80G1DF110CP20	110,000	88,000	80	4.0-5.0	1/2	120/60/1	15	10	40	33 x 21 x 28-3/8	163

Accessories **CONDITIONING**

Bercor Number	Description
84331	72W47 LP KIT
63861	68W80 SINGLE STAGE NIGHT SERVICE KIT
84337	68W61 14.5" RETURN AIR BASE
84338	68W62 17.5" RETURN AIR BASE
84339	68W63 21" RETURN AIR BASE
84340	68W64 24.5" RETURN AIR BASE

4AC18LT Condensing Units

18 SEER, 2-Stage, R-410A

Compressor

- High-efficiency 2-stage Copeland UltraTech™ scroll compressor
- Grommet-mounted compressor for quiet operation
- Internally protected against high temperature motor overload conditions
- Heavy-duty compressor sound blanket for quiet operation

Cabinet

- Full metal louvered panels remove with just two screws per panel for easy coil cleaning and service
- Rounded corners for safety and attractive, clean appearance
- Baked polyester paint finish over galvanized steel for maximum durability
- PVC coated wire fan discharge grill
- External gauge ports for easy service
- Controls located in corner post for easy installation and service

Coils

- Enhanced aluminum fins and copper tubing for higher efficiency and capacity
- Raised coil prevents debris from collecting in bottom of coil and causing loss of airflow

Components

- Service valves positioned for quick installation and easy service
- Variable speed condenser fan motor with swept-wing fan blade
- High and low pressure switches factory installed
- ComfortAlert 2™ diagnostics is factory installed
- Factory installed crankcase heater
- Charged for 15 ft. of line set

Warranty

- 10 year limited parts warranty*
- 10 year limited compressor warranty

* On-line registration required within 60 days of installation. Warranty terms will be impacted if registration not completed on time. See warranty certificate for complete details.



Condensing Units

Bercor Number	Model No.	Voltage/Hz/Phase	Voltage Range	Min. Circuit Amp.	Max. Overcurrent Device (Amps)	Compressor		Fan Motor		Refrig. Charge (Oz.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)	
						Rated Load (Amps)	Locked Rotor (Amps)	Rated Load (Amps)	Nom. HP				
84464	4AC18LT24P	230/60/1	216-253	15.6	25	10.2	52.0	.7	1/3	825	302	44 X 37-2/3 X 35-2/3	297
84461	4AC18LT36P	230/60/1	216-253	23.7	40	16.6	82.0	.6	1/3	825	240	44 X 37-2/3 X 35-2/3	297
84462	4AC18LT48P	230/60/1	216-253	29.3	50	21.1	96.0	.8	1/3	825	252	44 X 37-2/3 X 35-2/3	297
84463	4AC18LT60P	230/60/1	216-253	34.4	60	25.6	118.0	.8	1/3	825	244	44 X 37-2/3 X 35-2/3	321

Accessories

Bercor Number	Description	Used With
67835	A4TXV01-1 R-410A EXPANSION VALVE	4AC18LT24-36
67839	H4TXV03-1 R-410A EXPANSION VALVE	4AC18LT48-60
61692	34M72 LOW AMBIENT KIT	4AC18LT24-60

SERV
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CENTRAL**

4AC16LT Condensing Units

16 SEER, 2-Stage, R-410A



10-year Limited Compressor Warranty

10-year Limited Parts Warranty



Compressor

- High-efficiency 2-stage Copeland UltraTech™ scroll compressor
- Grommet-mounted compressor for quiet operation
- Internally protected against high temperature motor overload conditions
- Heavy-duty compressor sound blanket for quiet operation

Cabinet

- Full metal louvered panels remove with just two screws per panel for easy coil cleaning and service
- Rounded corners for safety and attractive, clean appearance
- Baked polyester paint finish over galvanized steel for maximum durability
- PVC coated wire fan discharge grill
- External gauge ports for easy service
- Controls located in corner post for easy installation and service

Coils

- Enhanced aluminum fins and copper tubing for higher efficiency and capacity
- Raised coil prevents debris from collecting in bottom of coil and causing loss of airflow

Components

- Service valves positioned for quick installation and easy service
- High and low pressure switches factory installed
- ComfortAlert 2™ diagnostics is factory installed
- Factory installed crank case heater
- Charged for 15 ft. of line set

Warranty

- 10 year limited parts warranty*
- 10 year limited compressor warranty

* On-line registration required within 60 days of installation. Warranty terms will be impacted if registration not completed on time. See warranty certificate for complete details.

Condensing Units

Bercor Number	Model No.	Voltage/ Hz/Phase	Voltage Range	Min. Circuit Amp.	Max. Overcurrent Device (Amps)	Compressor		Fan Motor		Refrig. Charge (Oz.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)	
						Rated Load (Amps)	Locked Rotor (Amps)	Rated Load (Amps)	Nom. HP				
84457	4AC16LT24P	230/60/1	197-253	13.9	20	11.4	52.0	1.1	1/5	1075	117	29-3/4 x 26-3/4 x 24-3/4	200
84458	4AC16LT36P	230/60/1	197-253	21.9	35	19.0	82.0	1.1	1/6	825	137	29-3/4 x 31-1/4 x 29-3/8	230
84459	4AC16LT48P	230/60/1	197-253	28.1	45	24.0	96.0	1.1	1/6	825	180	37-3/4 x 31-1/4 x 29-3/8	262
84460	4AC16LT60P	230/60/1	197-253	33.8	55	26.0	118.0	1.7	1/4	825	214	43-3/4 x 31-1/4 x 29-3/8	310

Accessories

Bercor Number	Description	Used With
61702	45F08 T6-1469 COMPRESSOR LOW AMBIENT CUT-OFF	4AC16LT24-60
67835	A4TXV01-1 R-410A EXPANSION VALVE	4AC16LT24-36
67836	A4TXV02-1 R-410A EXPANSION VALVE	4AC16LT48-60
61692	34M72 LOW AMBIENT KIT	4AC16LT24-60

Ducane™
AIR CONDITIONING
AND HEATING

4AC14L Condensing Units

14 SEER, R-410A

Features

- Durable compressors with internal pressure relief valves and inherent thermal protection
- High-quality condenser coil with copper tubing and enhanced louvered fin for maximum heat transfer capacity
- Top discharge directs hot air and sound away from living area and shrubbery
- All units are factory run tested
- Available with louvered panel coil protection
- Easy access to electrical panels, pre-wired for easy hook-up to internal components

- 45-degree service valves for easy hook-up service
- Liquid line filter drier shipped loose
- UL and ULC approved and AHRI listed
- Charged for 15 feet of line set

Warranty

- 10 year limited parts warranty*
 - 10 year limited compressor warranty
- * On-line registration required within 60 days of installation. Warranty terms will be impacted if registration not completed on time. See warranty certificate for complete details.



Condensing Units

Bercor Number	Model No.	Voltage/Hz/Phase	Voltage Range	Min. Circuit Amp.	Max. Overcurrent Device (Amps)	Compressor Rated Load (Amps)	Locked Rotor (Amps)	Fan Motor Rated Load (Amps)	Rated HP	Nom. RPM	Refrig. Charge (Oz.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)
84450	4AC14L18P	208-230/60/1	197-253	12.00	20	9.0	48	0.7	1/10	1075	91	28-1/2 x 24-1/4 x 24-1/4	138
84451	4AC14L24P	208-230/60/1	197-253	17.90	30	13.4	58	1.1	1/6	1075	104	28-1/2 x 28-1/4 x 28-1/4	166
84452	4AC14L30P	208-230/60/1	197-253	17.20	30	12.9	64	1.1	1/6	825	107	36-1/2 x 28-1/4 x 28-1/4	172
84453	4AC14L36P	208-230/60/1	197-253	18.70	30	14.1	77	1.1	1/6	825	107	36-1/2 x 28-1/4 x 28-1/4	177
84454	4AC14L42P	208-230/60/1	197-253	24.10	40	17.9	112	1.7	1/4	825	138	28-1/2 x 28-1/4 x 28-1/4	208
84455	4AC14L48P	208-230/60/1	197-253	29.00	50	21.8	117	1.7	1/4	825	160	32-1/2 x 28-1/4 x 28-1/4	239
84456	4AC14L60P	208-230/60/1	197-253	34.80	60	26.4	134	1.8	1/3	825	192	32-1/2 x 32-1/4 x 32-1/4	253

Accessories

Bercor Number	Description	Used With
67835	A4TXV01-1 R-410A EXPANSION VALVE	4AC14L18-36
67836	A4TXV02-1 R-410A EXPANSION VALVE	4AC14L42-60
61702	45F08 T6-1469 COMPRESSOR LOW AMBIENT CUT-OFF	4AC14L18-60

SERVE WITH
BERKHEIMER
QUALITY

**SOUTH
CENTRAL**

4AC13L Condensing Units

13 SEER, R-410A



Features

- High-quality condenser coil with copper tubing and enhanced louvered fin for maximum heat transfer capacity
- Top discharge directs hot air and sound away from living area and shrubbery
- All units are factory run tested
- Available with louvered panel coil protection
- Easy access to electrical panels
- Corner mounted service valves for easy hook-up service

- Liquid line filter drier shipped loose
- UL and ULC approved and AHRI listed
- Charged for 15 feet of line set

Warranty

- 10 year limited parts warranty*
- 10 year limited compressor warranty

* On-line registration required within 60 days of installation. Warranty terms will be impacted if registration not completed on time. See warranty certificate for complete details.

**10-year
Limited
Parts
Warranty**

**10-year
Limited
Compressor
Warranty**

Condensing Units

Bercor Number	Model No.	Voltage/Hz/Phase	Voltage Range	Min. Circuit Amp.	Max. Overcurrent Device (Amps)	Compressor Rated Load (Amps)	Locked Rotor (Amps)	Fan Motor Rated Load (Amps)	Rated HP	Nom. RPM	Service Valve Size	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)
84260	4AC13L18P	208-230/60/1	197-253	12.00	20	9.0	39	0.7	1/10	1010	3/4	25 x 24-1/4 x 24-1/4	138
84627	4AC13L18P-7	208-230/60/1	197-253	10.90	15	8.1	39	0.7	1/10	1010	5/8	25 x 24-1/4 x 24-1/4	136
84261	4AC13L24P	208-230/60/1	197-253	17.50	30	13.4	53	0.7	1/10	1010	3/4	25 x 24-1/4 x 24-1/4	140
84628	4AC13L24P-7	208-230/60/1	197-253	14.10	20	10.7	53	0.7	1/10	1010	5/8	25 x 24-1/4 x 24-1/4	137
84262	4AC13L30P	208-230/60/1	197-253	18.70	30	14.1	59	1.1	1/5	1090	3/4	29 x 24-1/4 x 24-1/4	154
84630	4AC13L36P-7	208-230/60/1	197-253	20.10	35	15.2	70	1.1	1/5	1090	3/4	29 x 24-1/4 x 24-1/4	149
84264	4AC13L42P	208-230/60/1	197-253	25.30	40	18.8	90	1.7	1/4	825	7/8	29 x 28-1/4 x 28-1/4	199
84631	4AC13L42P-7	208-230/60/1	197-253	28.10	45	21.1	90	1.7	1/4	825	3/4	29 x 28-1/4 x 28-1/4	194
84632	4AC13L48P-7	208-230/60/1	197-253	31.90	50	24.1	100	1.7	1/4	825	7/8	33 x 28-1/4 x 28-1/4	192
84633	4AC13L60P-7	208-230/60-1	197-253	29.40	50	22.1	125	1.7	1/4	830	7/8	29 x 28-1/4 x 28-1/4	205

Accessories

Bercor Number	Description	Used With
67835	A4TXV01-1 R-410A EXPANSION VALVE	4AC13L18-36
67836	A4TXV02-1 R-410A EXPANSION VALVE	4AC13L42-60
61702	45F08 T6-1469 COMPRESSOR LOW AMBIENT CUT-OFF	4AC13L42-60

Ducane™
AIR CONDITIONING
AND HEATING

13ACDL/2SCU13L Condensing Units

13 SEER, R-22, Nitrogen-Charged

Features

- Nitrogen charged for replacement of R-22 components only
- High-quality condenser coil with copper tubing and enhanced louvered fin for maximum heat transfer capacity
- Top discharge directs hot air away from living area and shrubbery
- All units factory run tested

- Available with wire guard coil protection
- Easy access to electrical panels
- Corner mounted service valves for easy hook-up and service
- All units UL and ULC approved

Warranty

- 5-year limited warranty on compressor
- 5-year limited warranty on all parts



5-year Limited
Parts
Warranty

5-year Limited
Compressor
Warranty

1-Phase Condensing Units

Bercor Number	Model No.	Voltage/Hz/Phase	Voltage Range	Min. Circuit (Amps)	Max. Fuse (Amps)	Compressor Rated Load (Amps)	Locked Rotor (Amps)	Outdoor Fan Full Load (Amps)	Fan Motor Rated HP	Nom. RPM	Field Supplied R-22 Charge (Oz.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)
84050	13ACDL018	208-230/60/1	197-253	10.4	15	7.7	40	0.7	1/10	1075	61	25 x 24-1/4 x 24-1/4	125
84051	13ACDL024	208-230/60/1	197-253	13.7	20	10.4	54	0.7	1/10	1075	67	25 x 24-1/4 x 24-1/4	126
84052	13ACDL030	208-230/60/1	197-253	18.8	30	14.1	67	1.1	1/5	1075	77	33 x 24-1/4 x 24-1/4	147
84053	13ACDL036	208-230/60/1	197-253	19.1	30	14.4	77	1.1	1/5	1075	92	33 x 24-1/4 x 24-1/4	147
84054	13ACDL042	208-230/60/1	197-253	25.7	40	19.2	104	1.7	1/4	825	102	29 x 28-1/4 x 28-1/4	177
84055	13ACDL048	208-230/60/1	197-253	25.7	40	19.2	97	1.7	1/4	825	120	37 x 28-1/4 x 28-1/4	206
84056	13ACDL060	208-230/60/1	197-253	33.3	60	26.1	141	1.7	1/4	825	160	33 x 28-1/4 x 28-1/4	213

3-Phase Condensing Units

Bercor Number	Model No.	Voltage/Hz/Phase	Voltage Range	Min. Circuit (Amps)	Max. Fuse (Amps)	Compressor Rated Load (Amps)	Locked Rotor (Amps)	Outdoor Fan Full Load (Amps)	Fan Motor Rated HP	Nom. RPM	Field Supplied R-22 Charge (Oz.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)
84064	2SCU13LC136T	208-230/60/3	197-253	14.5	25	10.8	73	1.1	1/5	1075	92	33-3/4 x 24-3/4 x 26-3/4	196
84065	2SCU13LC148T	208-230/60/3	197-253	17.7	30	12.8	93	1.7	1/4	825	120	37-3/4 x 29-3/8 x 31-1/4	212
84066	2SCU13LC160T	208-230/60/3	197-253	20.9	35	15.4	114	1.7	1/4	825	160	33-3/4 x 29-3/8 x 31-1/4	272

Accessories

Bercor Number	Description	Used With
61148	A2TXV01 R-22 EXPANSION VALVE	13ACDL018, 024, 030, 036
61151	A2TXV02 R-22 EXPANSION VALVE	13ACDL042, 048
61157	H2TXV03 R-22 EXPANSION VALVE	13ACDL060
61702	4SF08 COMPRESSOR LOW-AMBIENT CUTOFF	All 13ACDLs and 2SCU13s
67388	24H77 LOW AMBIENT (AC, R-22)	All 13ACDLs and 2SCU13s
86920	93G35 FREEZESTAT (3/8" TUBING)	All 13ACDLs and 2SCU13s

QUALITY
SOUTH CENTRAL

4HP18LT Heat Pumps

18 SEER, R-410A



10-year Limited Parts Warranty

10-year Limited Compressor Warranty



Compressor

- High-efficiency 2-stage Copeland UltraTech™ scroll compressor
- Grommet-mounted compressor for quiet operation
- Internally protected against high temperature motor overload conditions
- Heavy-duty compressor sound blanket for quiet operation

Cabinet

- Full metal louvered panels remove with just two screws per panel for easy coil cleaning and service
- Controls located in corner post for easy installation and service
- Rounded corners for safety and attractive, clean appearance
- Baked polyester pain finish over galvanized steel for maximum durability
- PVC coated wire fan discharge grille
- External gauge ports for easy service

Components

- Bi-flow filter drier factory installed for system protection
- Service valves positioned for quick installation and easy service
- Variable speed condenser fan motor with swept-wing fan blade
- High and low pressure switches factory installed
- ComfortAlert 2™ diagnostics displaying up to nine fault codes, is factory installed
- Factory installed crank case heater
- QuietShift™ technology during defrost cycle, to control sound
- Charged for 15 ft. of line set

Coils

- Enhanced aluminum fins and copper tubing for higher efficiency and capacity
- Raised coil prevents debris from collecting in bottom of coil and causing loss of airflow

Warranty

- 10 year limited parts warranty*
- 10 year limited compressor warranty

* On-line registration required within 60 days of installation. Warranty terms will be impacted if registration not completed on time. See warranty certificate for complete details.

Heat Pumps

Bercor Number	Model No.	Voltage/Hz/Phase	Voltage Range	Min. Circuit Amp.	Max. Overcurrent Device (Amps)	Compressor		Fan Motor		Refrig. Line Conn.		Refrig. Charge (Oz.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)	
						Rated Load (Amps)	Locked Rotor (Amps)	Rated Load (Amps)	Rated HP	Nom. RPM	Liquid O.D. (In.)				Vapor O.D. (In.)
84481	4HP18LT24P	230/60/1	216-253	15.6	25	10.2	52	.7	1/3	825	3/8	7/8	300	44 x 37-2/3 x 35-2/3	341
84482	4HP18LT36P	230/60/1	216-253	23.7	40	16.6	82	.6	1/3	825	3/8	7/8	283	44 x 37-2/3 x 35-2/3	338
84483	4HP18LT48P	230/60/1	216-253	29.3	50	21.1	96	.8	1/3	825	3/8	7/8	262	44 x 37-2/3 x 35-2/3	338
84484	4HP18LT60P	230/60/1	216-253	34.4	60	25.6	118	.8	1/3	825	3/8	7/8	274	44 x 37-2/3 x 35-2/3	361

Accessories

Bercor Number	Description	Used With
67837	H4TXV01-1 R-410A EXPANSION VALVE	4HP18LT24-36
67839	H4TXV03-1 R-410A EXPANSION VALVE	4HP18LT48-60
61702	45F08 T6-1469 COMPRESSOR LOW AMBIENT CUT-OFF	ALL 4HP18LT MODELS

AIR CONDITIONING AND HEATING

4HP16LT Heat Pumps

16 SEER, R-410A

Compressor

- High-efficiency 2-stage Copeland UltraTech™ scroll compressor
- Grommet-mounted compressor for quiet operation
- Internally protected against high temperature motor overload conditions
- Heavy-duty compressor sound blanket for quiet operation

Cabinet

- Full metal louvered panel coil guard protection
- Controls located in corner post for easy installation and service
- Baked polyester paint finish over galvanized steel for maximum durability
- PVC coated wire fan discharge grille
- External gauge ports for easy service
- Raised base pan with ports allows for excellent water and debris drainage

Coils

- Enhanced aluminum fins and copper tubing for high efficiency and capacity
- Raised coil prevents debris from collecting in bottom of coil and causing loss of airflow

Components

- Full metal louvered panels remove for easy coil cleaning and service
- Bi-directional filter drier for long-lasting durability and system protection
- Discharge muffler for quiet operation
- High and low pressure switches factory installed
- Factory installed crank case heater
- Advanced design defrost system featuring smart logic for power consumption savings
- Service valves positioned for quick installation and easy service
- ComfortAlert 2™ diagnostics factory installed
- Reliable, solid state defrost control
- Defrost control is QuietShift™ capable
- Charged for 15 ft. of line set

Warranty

- 10 year limited parts warranty*
- 10 year limited compressor warranty

* On-line registration required within 60 days of installation. Warranty terms will be impacted if registration not completed on time. See warranty certificate for complete details.



Heat Pumps

Bercor Number	Model No.	Voltage/Hz/Phase	Voltage Range	Min. Circuit Amp.	Max. Overcurrent Device (Amps)	Compressor		Fan Motor			Refrig. Charge (Oz.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)
						Rated Load (Amps)	Locked Rotor (Amps)	Rated Load (Amps)	Rated HP	Nom. RPM			
84477	4HP16LT24P	208-230/60/1	197-253	13.5	20	11.4	52	0.7	1/10	1075	146	33-3/4 x 24-3/4 x 26-3/4	207
84478	4HP16LT36P	208-230/60/1	197-253	22.5	35	19.0	82	1.7	1/4	825	192	37-3/4 x 29-3/8 x 31-1/4	253
84479	4HP16LT48P	208-230/60/1	197-253	28.2	45	24.0	96	1.8	1/3	825	236	37-3/4 x 35-3/4 x 37-3/4	288
84480	4HP16LT60P	208-230/60/1	197-253	35.1	60	26.0	118	2.8	1/3	ECM	244	43-3/4 x 35-3/4 x 37-3/4	313

Accessories

Bercor Number	Description	Used With
67837	H4TXV01-1 R-410A EXPANSION VALVE	4HP16LT24-36
67838	H4TXV02-1 R-410A EXPANSION VALVE	4HP16LT48
67839	H4TXV03-1 R-410A EXPANSION VALVE	4HP16LT60
61702	45F08 T6-1469 COMPRESSOR LOW AMBIENT CUT-OFF	All 4HP16LT Models

SOUTH CENTRAL

4HP14L Heat Pumps

14 SEER, R-410A



Features

- High-quality condenser coil with copper tubing and enhanced louvered fin for maximum heat transfer capacity
- Top discharge directs hot air and sound away from living area and shrubbery
- All units are factory run tested
- Louvered panel coil protection
- Easy access to electrical panels, pre-wired for easy hook-up
- Bi-directional liquid line filter drier factory installed
- Discharge muffler for quiet operation
- Reliable, solid state defrost control

- Defrost control is QuietShift™ capable
- Low pressure switch factory installed for loss of charge protection
- Integrated control with LED diagnostics
- Short cycle protection factory installed
- UL and ULC approved and AHRI listed
- Charged for 15 feet of line set

Warranty

- 10 year limited parts warranty*
- 10 year limited compressor warranty

* On-line registration required within 60 days of installation. Warranty terms will be impacted if registration not completed on time. See warranty certificate for complete details.



Heat Pumps

Bercor Number	Model No.	Voltage/Hz/Phase	Voltage Range	Min. Circuit Amp.	Max. Overcurrent Device (Amps)	Compressor Rated Load (Amps)	Locked Rotor (Amps)	Fan Motor Rated Load (Amps)	Rated HP	Nom. RPM	Refrig. Charge (Oz.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)
84470	4HP14L18P	208-230/60/1	197-253	12.3	20	9.0	48	1.1	1/6	825	87	29 x 28-1/4 x 28-1/4	165
84471	4HP14L24P	208-230/60/1	197-253	17.9	30	13.4	58	1.1	1/6	825	108	37 x 28-1/4 x 28-1/4	177
84472	4HP14L30P	208-230/60/1	197-253	17.1	25	12.8	64	1.1	1/6	825	110	37 x 28-1/4 x 28-1/4	178
84473	4HP14L36P	208-230/60/1	197-253	18.7	30	14.1	77	1.1	1/6	825	159	33 x 28-1/4 x 28-1/4	202
84474	4HP14L42P	208-230/60/1	197-253	24.2	40	17.9	112	1.8	1/3	825	184	37 x 32-1/4 x 32-1/4	272
84475	4HP14L48P	208-230/60/1	197-253	29.0	50	21.8	117	1.8	1/3	825	232	37 x 32-1/4 x 32-1/4	273
84476	4HP14L60P	208-230/60/1	197-253	29.4	50	22.1	134	1.8	1/3	825	228	43 x 32-1/4 x 32-1/4	297

Accessories

Bercor Number	Description	Used With
67837	H4TXV01-1 R-410A EXPANSION VALVE	4HP14LT18-36
67838	H4TXV02-1 R-410A EXPANSION VALVE	4HP14LT42-60
61702	45F08 T6-1469 COMPRESSOR LOW AMBIENT CUT-OFF	ALL 4HP14LT MODELS

Ducane[™]
AIR CONDITIONING
AND HEATING

4HP13L Heat Pumps

13 SEER, R-410A

Features

- High-quality condenser coil with copper tubing and enhanced louvered fin for maximum heat transfer capacity
- Top discharge directs hot air and sound away from living area and shrubbery
- All units are factory run tested
- Louvered panel coil guard
- Easy access to electrical panels; pre-wired for easy hook-up
- Bi-directional liquid line filter drier factory installed
- Discharge muffler for quiet operation
- Reliable, solid state time/temperature defrost control, with field selectable 30/60/90 minute intervals

- Defrost control is QuietShift™ capable
- Low pressure switch factory installed for loss of charge protection
- Integrated control with LED diagnostics
- Short cycle protection factory installed
- UL and ULC approved and AHRI listed
- Charged for 15 feet of line set

Warranty

- 10 year limited parts warranty*
- 10 year limited compressor warranty

* On-line registration required within 60 days of installation. Warranty terms will be impacted if registration not completed on time. See warranty certificate for complete details.



10-year Limited
Parts
Warranty

10-year Limited
Compressor
Warranty

Heat Pumps

Bercor Number	Model No.	Voltage/Hz/Phase	Voltage Range	Min. Circuit Amp.	Max. Overcurrent Device (Amps)	Compressor Rated Load (Amps)	Locked Rotor (Amps)	Fan Motor Rated Load (Amps)	Rated HP	Nom. RPM	Refrig. Charge (Oz.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)
84267	4HP13L18P	208-230/60/1	197-253	11.9	20	9.0	48	0.7	1/10	1075	106	33 x 24-1/4 x 24-1/4	153
84268	4HP13L24P	208-230/60/1	197-253	14.2	20	10.7	53	0.8	1/10	1075	101	33 x 24-1/4 x 24-1/4	158
84269	4HP13L30P	208-230/60/1	197-253	16.3	25	12.4	59	0.7	1/6	825	108	29 x 28-1/4 x 28-1/4	168
84270	4HP13L36P	208-230/60/1	197-253	19.9	35	15.2	70	0.9	1/6	825	114	37 x 28-1/4 x 28-1/4	187
84271	4HP13L42P	208-230/60/1	197-253	27.8	45	21.1	90	1.4	1/4	825	134	43 x 28-1/4 x 28-1/4	224
84272	4HP13L48P	208-230/60/1	197-253	31.7	50	24.1	100	1.5	1/4	825	198	33 x 28-1/4 x 28-1/4	236
84273	4HP13L60P	208-230/60/1	197-253	36.3	60	27.6	120	1.7	1/3	825	210	37 x 28-1/4 x 28-1/4	252

Accessories

Bercor Number	Description
61702	45F08 T6-1469 COMPRESSOR LOW AMBIENT CUT-OFF
67837	H4TXV01-1 R-410A EXPANSION VALVE
67838	H4TXV02-1 R-410A EXPANSION VALVE

SERVICE
BERKHEIMER
QUALITY

**SOUTH
CENTRAL**

13HPDL/2SHP13 Heat Pumps

13 SEER, 1-Phase & 3-Phase, Nitrogen-Charged



Features

- Nitrogen charged for replacement of R-22 components only
- High-quality condenser coil with copper tubing and enhanced louvered fin for maximum heat transfer capacity
- Top discharge directs hot air and sound away from living area and shrubbery
- All units run tested
- Louvered panel coil guard
- Easy access to electrical panels, pre-wired for easy hook-up
- Bi-directional liquid line filter drier factory installed
- Discharge muffler for quiet operation
- Reliable, solid state time/temperature defrost control, with field selectable 30/60/90 minute intervals
- Defrost control is QuietShift™ capable
- Integrated control with LED diagnostics
- Shorty cycle protection factory installed
- All units UL and ULC approved

Warranty

- 5 year limited warranty on compressor
- 5 year limited warranty on all parts

5-year Limited
Parts
Warranty

5-year Limited
Compressor
Warranty

1-Phase Heat Pumps

Bercor Number	Model	Voltage/ Hz/Phase	Voltage Range	Min. Circuit Amp.	Max. Fuse (Amps)	Compressor Rated Load (Amps)	Compressor Locked Rotor (Amps)	Fan Motor Full Load (Amps)	Fan Motor Rated HP	Nom. RPM	Field Supplied R-22 Charge (Oz.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)
84057	13HPDL018	208-230/60/1	197-253	12.3	20	8.9	41	1.1	1/5	1075	102	33 x 24-1/4 x 24-1/4	141
84058	13HPDL024	208-230/60/1	197-253	14.0	20	10.3	56	1.1	1/5	1075	99	33 x 24-1/4 x 24-1/4	155
84059	13HPDL030	208-230/60/1	197-253	18.0	30	13.5	72.5	1.1	1/5	1075	132	29 x 24-1/4 x 24-1/4	174
84060	13HPDL036	208-230/60/1	197-253	19.4	30	14.7	83	1.1	1/5	1075	138	33 x 24-1/4 x 24-1/4	182
84061	13HPDL042	208-230/60/1	197-253	22.9	40	17	95	1.7	1/3	1075	166	33 x 28-1/4 x 28-1/4	207
84062	13HPDL048	208-230/60/1	197-253	25.7	45	19.2	129	1.7	1/3	1075	188	37 x 28-1/4 x 28-1/4	259
84063	13HPDL060	208-230/60/1	197-253	34.3	60	26	148	1.7	1/3	825	224	37 x 32-1/4 x 32-1/4	287

3-Phase Heat Pumps

Bercor Number	Model	Voltage/ Hz/Phase	Voltage Range	Min. Circuit Amp.	Max. Fuse (Amps)	Compressor Rated Load (Amps)	Compressor Locked Rotor (Amps)	Fan Motor Full Load (Amps)	Fan Motor Rated HP	Nom. RPM	Field Supplied R-22 Charge (Oz.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)
84067	2SHP13LC136T	208-230/60/3	197-253	13.1	20	9.6	77	1.1	1/5	1075	138	33-3/4 x 24-3/4 x 26-3/4	192
84068	2SHP13LC148T	208-230/60/3	197-253	20.1	30	14.7	91	1.7	1/4	825	188	37-3/4 x 29-3/8 x 31-1/4	248
84069	2SHP13LC160T	208-230/60/3	197-253	21.5	35	15.8	91	1.7	1/4	825	285	43-3/4 x 29-3/8 x 31-1/4	284

Accessories

Bercor Number	Description	Used With
61702	45F08 T6-1469 LOW AMBIENT KIT	All 13HPDL Models
61155	H2TXV01 R22 EXPANSION VALVE	13HPDL 18, 24, 30
61156	H2TXV02 R22 EXPANSION VALVE	13HPDL 36, 42, 48
61157	H2TXV03 R22 EXPANSION VALVE	13HPDL 60
86920	93G35 FREEZE THERMOSTAT	All SHP Models

BCS2, BCS3 and EFC/EFV Air Handlers

Multiposition

Application

- 1-1/2 to 5 ton sizes
- Upflow and horizontal
- Sequenced for demand management
- External access to heater circuit breakers

Installation

- 1 piece design for easier installation
- Multiposition: upflow, horizontal left, and horizontal right

Cabinet

- Foil faced insulation
- Painted heavy gauge galvanized cabinet
- High strength, UV and heat-resistant plastic drain pan for corrosion resistance
- 2% or less air leakage

Components

- Efficient PSC blower motors
- Standard transformer and blower relay
- Field installed 5 to 20 kW electric heat kits with easy plug connections
- Built-in indoor time delay for increased efficiency

Accessories

- Counterflow kit
- Single point power kit

Warranty

- 10 year limited warranty on parts*
- Extended warranty available
- ETL listed
- UL listed

*On-line registration required within 60 days of installation. Warranty terms will be impacted if registration not completed on time. See warranty certificate for complete details.



BCS2/BCS3

EFC

10-year
Limited
Parts
Warranty

Dimensions

Air Handler	Height (In.)	Depth (In.)	Width (In.)	Supply Duct Opening (In.)		Return Duct Opening (In.)	
				Depth	Width	Depth	Width
BCS2M18-24	46-3/4	22	18-1/2	17	16-1/2	20-1/4	16
BCS2M30-36	51	22	21-1/4	17	19-1/4	20-1/4	18-3/4
BCS2M42-48	54	26	21-1/4	21	19-1/4	24-1/4	18-3/4
BCS2M60	60	26	21-1/4	21	19-1/4	24-1/4	18-3/4

BCS2 Air Handlers Constant Speed*

Bercor Number	Model No.	Voltage/ Hz/Phase	Motor Size (hp)	Max. Elec. Heat Available (kW)	Transformer Size and Type	Filter Size (In.)	Refrigerant Connections (IDS)		Flowrator Piston Size	Approx. Weight (Lbs.)
							Suction (In.)	Liquid (In.)		
61508	BCS2M18C	208-230/60/1	1/4	10	40 VA, Class 2	16 x 20	3/4	3/8	51	129
61509	BCS2M24C	208-230/60/1	1/4	10	40 VA, Class 2	16 x 20	3/4	3/8	57	131
61510	BCS2M30C	208-230/60/1	1/4	15	40 VA, Class 2	18 x 20	7/8	3/8	65	148
61511	BCS2M36C	208-230/60/1	1/3	15	40 VA, Class 2	18 x 20	7/8	3/8	70	148
61513	BCS2M42C	208-230/60/1	1/3	15	40 VA, Class 2	18 x 25	7/8	3/8	76	172
61516	BCS2M48C	208-230/60/1	1/2	20	40 VA, Class 2	18 x 25	7/8	3/8	92	177

* When current stock is depleted product will no longer be available.

BCS2 Air Handlers Variable Speed

Bercor Number	Model No.	Voltage/ Hz/Phase	Max. Elec. Heat Available (kW)	Transformer Size and Type	Filter Size (In.)	Refrigerant Connections (IDS)		Flowrator Piston Size	Approx. Weight (Lbs.)
						Suction (In.)	Liquid (In.)		
62825	BCS2M24V	208-230/60/1	10	40 VA, Class 2	16 x 20	3/4	3/8	57	127
62826	BCS2M36V	208-230/60/1	15	40 VA, Class 2	18 x 20	7/8	3/8	70	146
62827	BCS2M42V	208-230/60/1	15	40 VA, Class 2	18 x 25	7/8	3/8	76	170
62828	BCS2M48V	208-230/60/1	20	40 VA, Class 2	18 x 25	7/8	3/8	82	176
62830	BCS2M60V	208-230/60/1	20	40 VA, Class 2	18 x 25	7/8	3/8	90	189

Continued on the Following Page

Air Handlers

Continued

BCS3 Air Handlers

Bercor Number	Model No.	Voltage/ Hz/Phase	Motor Size (hp)	Max. Elec. Heat Available (kW)	Transformer Size and Type	Filter Size (In.)	Refrigerant Connections (IDS)		Flowrator Piston Size	Approx. Weight (Lbs.)
							Suction (In.)	Liquid (In.)		
84070	BCS3M18 C	208-230/60/1	1/5	10	40 VA, Class 2	12 x 20	3/4	3/8	53	104
84071	BCS3M24C	208-230/60/1	1/3	10	40 VA, Class 2	15 x 20	7/8	3/8	57	122
84072	BCS3M30C	208-230/60/1	1/3	12.5	40 VA, Class 2	15 x 20	7/8	3/8	62	125
84073	BCS3M36 C	208-230/60/1	1/2	15	40 VA, Class 2	18 x 20	7/8	3/8	71	160
84074	BCS3M42C	208-230/60/1	1/2	15	40 VA, Class 2	18 x 24	7/8	3/8	76	162
84075	BCS3M48 C	208-230/60/1	1/2	20	40 VA, Class 2	18 x 24	7/8	3/8	80	185
84076	BCS3M60C	208-230/60/1	1/2	20	40 VA, Class 2	18 x 24	7/8	3/8	93	185

EFC/EFV Modular Air Handlers

Bercor Number	Description
65524	EFC08BCP-1A 208/230 1PH CONSTANT SPD MODULAR AIR HANDLER
65525	EFC12BCP-1A 208/230 1PH CONSTANT SPD MODULAR AIR HANDLER
65526	EFC16CCP-1A 208/230 1PH CONSTANT SPD MODULAR AIR HANDLER
65529	EFC20DCP-1A 208/230 1PH CONSTANT SPD MODULAR AIR HANDLER
65530	EFV12BCP-1A 208/230 1PH VARIABLE SPD MODULAR AIR HANDLER
65531	EFV16CCP-1A 208/230 1PH VARIABLE SPD MODULAR AIR HANDLER
65532	EFV20DCP-1A 208/230 1PH VARIABLE SPD MODULAR AIR HANDLER

Accessories for BCS2, EFC, and EFV

Bercor Number	Description	Used On
61199	12W61 CB26 DOWNFLOW CONVERSION KIT	All BCS2 Models
69166	AEHBCC05CSA 5KW HEAT STRIP W/CIRCUIT BREAKER	All BCS2, EFC and EFV Models
69178	AEHBCC07CSA 7.5KW HEAT STRIP W/CIRCUIT BREAKER	All BCS2, EFC and EFV Models
69105	AEHBCC07NSA-1 7.5KW HEAT STRIP WITH TERMINAL BLOCK	All BCS2, EFC and EFV Models
66907	AEHBCC10CSA-1 10KW HEAT STRIP WITH CIRCUIT BREAKER	All BCS2, EFC and EFV Models
69106	AEHBCC10NSA-1 10KW HEAT STRIP WITH /TERMINAL BLOCK	All BCS2, EFC and EFV Models
69107	AEHBCC15CSA-1 15KW HEAT STRIP WITH CIRCUIT BREAKER	BCS2 30, 36, 42, 48, 60; EFC 12, 16, 20; EFV 12, 16, 20
69108	AEHBCC20CSA-1 20KW HEAT STRIP WITH CIRCUIT BREAKER	BCS2 48, 60; EFC 16, 20; EFV 16, 20

Accessories for BCS3

Bercor Number	Description	Used On
84038	96W37 DOWNFLOW CONVERSION KIT	BCS3 18
84039	96W38 DOWNFLOW CONVERSION KIT	BCS3 24, 30
84022	97W95 DOWNFLOW CONVERSION KIT	BCS3 36
84023	97W96 DOWNFLOW CONVERSION KIT	BCS3 42, 48, 60
84033	ECB25-5CB-P 5KW HEAT STRIP WITH CIRCUIT BREAKER	All BCS3
84034	ECB25-7CB-P 7.5KW HEAT STRIP WITH CIRCUIT BREAKER	All BCS3
84035	ECB25-10CB-P 10KW HEAT STRIP WITH CIRCUIT BREAKER	All BCS3
84024	ECB25-12.5B-P 12.5KW HEAT STRIP WITH CIRCUIT BREAKER	BCS3 48, 60
84036	ECB25-15CB-P 15KW HEAT STRIP WITH CIRCUIT BREAKER	BCS3 36, 42, 48, 60
84037	ECB25-20CB-P 20KW HEAT STRIP WITH CIRCUIT BREAKER	BCS3 48, 60

Ducane[™]
AIR CONDITIONING
AND HEATING

RCE13 Residential Packaged Units

13 SEER, R-410A, Electric Cooling and Heating

Refrigerant System

- Copper tubing with enhanced fin coils
- External service gauge ports

Cabinet Construction

- Low profile, with compact footprint
- Insulation to minimize heat loss plus reduce sound
- Baked on pre-painted steel cabinet finish
- Easy service access
- Wire grill protection
- One piece "no leak" top design

Blower

- Insulated compartment to reduce sound
- High efficiency multispeed motor for wide airflow range

Installation

- Full perimeter base rail system for easy installation
- Horizontal or down discharge, duct covers provided
- Utility connections on "right side"
- Filter channels for 1" filter field provided

Warranty

- 10 year limited parts and compressor warranty*
- * On-line registration required within 60 days of installation. Warranty terms will be impacted if registration not completed on time. See warranty certificate for complete details.



10-year Limited
Parts
Warranty

10-year Limited
Compressor
Warranty

Rooftop Units

Bercor Number	Model No.	Voltage/Hz/Phase	Min. Circuit Amp.	MOCP* (Amps)	Compressor		Condenser Fan Motor			Indoor Blower Motor		Refrig. Charge	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)
					Rated Load (Amps)	Locked Rotor (Amps)	Rated Load (Amps)	Rated HP	Nom. RPM	Rated Load (Amps)	Rated HP			
84500	RCE13A24P	208-230/60/1	15.7	20	8.3	43	1.2	1/4	1075	4.1	1/2	82	32-1/2 x 46-1/2 x 46-1/2	345
84501	RCE13A30P	208-230/60/1	19.3	25	11.2	54	1.2	1/4	1075	4.1	1/2	82	32-1/2 x 46-1/2 x 46-1/2	350
84502	RCE13A36P	208-230/60/1	22.9	30	14.1	77	1.2	1/4	1075	4.1	1/2	122	32-1/2 x 46-1/2 x 46-1/2	360
84503	RCE13A42P	208-230/60/1	27.5	40	16.2	88	1.7	1/3	1075	5.8	3/4	90	34-1/2 x 55-1/2 x 50-1/2	445
84504	RCE13A48P	208-230/60/1	28.4	40	16.7	84	1.7	1/3	1075	5.8	3/4	96	34-1/2 x 55-1/2 x 50-1/2	455
84505	RCE13A60P	208-230/60/1	38.7	60	25.0	134	1.7	1/3	1075	5.8	3/4	140	34-1/2 x 55-1/2 x 50-1/2	465

Accessories

Bercor Number	Description	Used With
84550	AHSA05A-1 5KW ELECTRIC HEATER	All RCE13 Models
84551	AHSA07A-1 7KW ELECTRIC HEATER	All RCE13 Models
84552	AHSA10A-1 10KW ELECTRIC HEATER	All RCE13 Models
84553	AHSA15A-1 15KW ELECTRIC HEATER	All RCE13 Models
84554	AHSA201-1 20KW ELECTRIC HEATER	RCE13A42, 48, 60
84555	ACURB160-1 2-3 TON ROOF CURB	RCE13A24, 30, 36
84556	ACURB162-1 3.5-5 TON ROOF CURB	RCE13A42, 48, 60
84557	ADMPR145-1 2-3 TON MANUAL FRESH AIR DAMPER	RCE13A24, 30, 36
84558	ADMPR166-1 3.5-5 TON MANUAL FRESH AIR DAMPER	RCE13A42, 48, 60
84559	ADMPR146-1 2-3 TON MOTORIZED FRESH AIR DAMPER	RCE13A24, 30, 36
84560	ADMPR167-1 3.5-5 TON MOTORIZED FRESH AIR DAMPER	RCE13A42, 48, 60
84561	AECON825-1 2-3 TON DOWNFLOW ECONOMIZER	RCE13A24, 30, 36
84562	AECON826-1 3.5-5 TON DOWNFLOW ECONOMIZER	RCE13A42, 48, 60
84563	AECON827-1 2-3 TON HORIZONTAL ECONOMIZER	RCE13A24, 30, 36
84564	AECON828-1 3.5-5 TON HORIZONTAL ECONOMIZER	RCE13A42, 48, 60

* Maximum Over Current Protection

SOUTH CENTRAL

RGE13 Residential Packaged Units

13 SEER, R-410A, Gas Heating and Electric Cooling



10-year Limited
Parts
Warranty

10-year Limited
Compressor
Warranty

Lifetime Limited
Heat Exchanger
Warranty

Refrigerant System

- Copper tubing with enhanced fin coils
- External service gauge ports

Heat Exchanger

- Aluminized steel tapered S-curve
- Crimped no weld construction for longer life

Cabinet Construction

- Low profile, with compact footprint
- Insulation to minimize heat loss plus reduce sound
- Baked on pre-painted steel cabinet finish
- Easy service access
- Wire grill protection
- One piece "no leak" top design

Blower

- Insulated compartment to reduce sound
- High efficiency multispeed motor for wide airflow range

Controls

- Solid state integrated blower control board with LED diagnostics
- Direct spark ignition

Installation

- Full perimeter base rail system for easy installation
- Horizontal or down discharge, duct covers provided
- Utility connections on "right side"
- Filter channels for 1" filter field provided

Warranty

- 10 year limited parts and compressor warranty*
- Lifetime limited heat exchanger warranty

* On-line registration required within 60 days of installation. Warranty terms will be impacted if registration not completed on time. See warranty certificate for complete details.

Rooftop Units

Bercor Number	Model No.	Voltage/Hz/Phase	Min. Circuit Amp.	MOCP* (Amps)	Compressor		Condenser Fan Motor			Indoor Blower Motor		Refrig. Charge (Oz.)	Cabinet Dimensions H x W x D (In.)	Approx. Weight (Lbs.)
					Rated Load (Amps)	Locked Rotor (Amps)	Rated Load (Amps)	Rated HP	Nom. RPM	Rated Load (Amps)	Rated HP			
84506	RGE13A24050P	208-230/60/1	20.3	30	13.4	58.3	.7	1/10	1075	2.8	1/3	72	32-1/2 x 46-1/2 x 46-1/2	350
84507	RGE13A24075P	208-230/60/1	21.6	35	13.4	58.3	.7	1/10	1075	4.1	1/2	72	32-1/2 x 46-1/2 x 46-1/2	360
84508	RGE13A30075P	208-230/60/1	22.8	35	14.1	73	1.1	1/5	1075	4.1	1/2	68	32-1/2 x 46-1/2 x 46-1/2	365
84509	RGE13A36075P	208-230/60/1	21.7	30	13.1	74	1.2	1/4	1075	4.1	1/2	117	32-1/2 x 46-1/2 x 46-1/2	405
84510	RGE13A36100P	208-230/60/1	21.7	30	13.1	74	1.2	1/4	1075	4.1	1/2	117	32-1/2 x 46-1/2 x 46-1/2	415
84511	RGE13A42100P	208-230/60/1	27.5	40	16.0	88	1.7	1/3	1075	5.8	3/4	90	34-1/2 x 55-1/2 x 50-1/2	445
84512	RGE13A48100P	208-230/60/1	28.4	40	16.7	84	1.7	1/3	1075	5.8	3/4	104	34-1/2 x 55-1/2 x 50-1/2	450
84513	RGE13A48125P	208-230/60/1	28.4	40	16.7	84	1.7	1/3	1075	5.8	3/4	104	34-1/2 x 55-1/2 x 50-1/2	460
84514	RGE13A60100P	208-230/60/1	38.7	60	25.0	134	1.7	1/3	1075	5.8	1	140	34-1/2 x 55-1/2 x 50-1/2	495
84515	RGE13A60125P	208-230/60/1	38.7	60	25.0	134	1.7	1/3	1075	5.8	1	140	34-1/2 x 55-1/2 x 50-1/2	505

Accessories

Bercor Number	Description	Used With
84565	ALPKT533-3 LP KIT	All RGE13 Units
84555	ACURB160-1 2-3 TON ROOF CURB	RGE13A24, 30, 36
84556	ACURB162-1 3.5-5 TON ROOF CURB	RGE13A42, 48, 60
84557	ADMPR145-1 2-3 TON MANUAL FRESH AIR DAMPER	RGE13A24, 30, 36
84558	ADMPR166-1 3.5-5 TON MANUAL FRESH AIR DAMPER	RGE13A42, 48, 60
84559	ADMPR146-1 2-3 TON MOTORIZED FRESH AIR DAMPER	RGE13A24, 30, 36
84560	ADMPR167-1 3.5-5 TON MOTORIZED FRESH AIR DAMPER	RGE13A42, 48, 60
84561	AECON825-1 2-3 TON DOWNFLOW ECONOMIZER	RGE13A24, 30, 36
84562	AECON826-1 3.5-5 TON DOWNFLOW ECONOMIZER	RGE13A42, 48, 60
84563	AECON827-1 2-3 TON HORIZONTAL ECONOMIZER	RGE13A24, 30, 36
84564	AECON828-1 3.5-5 TON HORIZONTAL ECONOMIZER	RGE13A42, 48, 60

* Maximum Over Current Protection

AIR CONDITIONING AND HEATING

RHP13 Residential Packaged Units

13 SEER, R-410A, Heat Pump

Refrigerant System

- Copper tubing with enhanced fin coils
- External service gauge ports

Cabinet Construction

- Low profile, with compact footprint
- Insulation to minimize heat loss plus reduce sound
- Baked on pre-painted steel cabinet finish
- Easy service access
- Wire grill protection
- One piece "no leak" top design

Blower

- Insulated compartment to reduce sound
- High efficiency multispeed motor for wide airflow range

Controls

- Integrated control with LED diagnostics
- Defrost control board with field selectable time intervals
- High and low refrigerant pressure switches for system protection

Installation

- Full perimeter base rail system for easy installation
- Horizontal or down discharge, duct covers provided
- Utility connections on "right side"
- Filter channels for 1" filter field provided

Warranty

- 10 year limited parts and compressor warranty*

* On-line registration required within 60 days of installation. Warranty terms will be impacted if registration not completed on time. See warranty certificate for complete details.



10-year Limited
Parts
Warranty

10-year Limited
Compressor
Warranty

Rooftop Units

Bercor Number	Model No.	Voltage/Hz/Phase	Min. Circuit Amp.	MOCP (Amps)	Compressor			Condenser Fan Motor		Indoor Blower Motor		Refrig. Charge (Oz.)	Cabinet Dimensions H x W x D	Approx. Weight (Lbs.)
					Rated Load (Amps)	Locked Rotor (Amps)	Rated Load (Amps)	Rated HP	Nom. RPM	Rated Load (Amps)	Rated HP			
84516	RHP13A24P	208-230/60/1	21.3	30	12.8	58.3	1.2	1/4	1075	4.1	1/2	80	32-1/2 x 46-1/2 x 46-1/2	338
84517	RHP13A30P	208-230/60/1	21.3	30	12.8	64	1.2	1/4	1075	4.1	1/2	115	32-1/2 x 46-1/2 x 46-1/2	365
84518	RHP13A36P	208-230/60/1	26.1	35	16.6	79	1.2	1/4	1075	4.1	1/2	118	32-1/2 x 46-1/2 x 46-1/2	365
84519	RHP13A42P	208-230/60/1	30.4	45	18.3	112	1.7	1/3	1075	5.8	3/4	142	34-1/2 x 55-1/2 x 50-1/2	462
84520	RHP13A48P	208-230/60/1	34.7	50	21.8	117	1.7	1/3	1075	5.8	3/4	154	34-1/2 x 55-1/2 x 50-1/2	470
84521	RHP13A60P	208-230/60/1	40.5	60	26.4	134	1.7	1/3	1075	5.8	3/4	150	34-1/2 x 55-1/2 x 50-1/2	470

Accessories

Bercor Number	Description	Used With
84550	AHSA05A-1 5KW ELECTRIC HEATER	All RHP13 Models
84551	AHSA07A-1 7KW ELECTRIC HEATER	All RHP13 Models
84552	AHSA10A-1 10KW ELECTRIC HEATER	All RHP13 Models
84553	AHSA15A-1 15KW ELECTRIC HEATER	All RHP13 Models
84554	AHSA201-1 20KW ELECTRIC HEATER	RHP13A42, 48, 60
84566	ACURB161-1 2-3 TON PKG HEAT PUMP ROOF CURB	RHP13A24, 30, 36
84567	ACURB163-1 3.5-5 TON PKG HEAT PUMP ROOF CURB	RHP13A42, 48, 60
84557	ADMPR145-1 2-3 TON MANUAL FRESH AIR DAMPER	RHP13A24, 30, 36
84558	ADMPR166-1 3.5-5 TON MANUAL FRESH AIR DAMPER	RHP13A42, 48, 60
84559	ADMPR146-1 2-3 TON MOTORIZED FRESH AIR DAMPER	RHP13A24, 30, 36
84560	ADMPR167-1 3.5-5 TON MOTORIZED FRESH AIR DAMPER	RHP13A42, 48, 60
84561	AECON825-1 2-3 TON DOWNFLOW ECONOMIZER	RHP13A24, 30, 36
84562	AECON826-1 3.5-5 TON DOWNFLOW ECONOMIZER	RHP13A42, 48, 60
84563	AECON827-1 2-3 TON HORIZONTAL ECONOMIZER	RHP13A24, 30, 36
84564	AECON828-1 3.5-5 TON HORIZONTAL ECONOMIZER	RHP13A42, 48, 60

* Maximum Over Current Protection

SOUTH CENTRAL

EC1P, EH1P, and EU1P

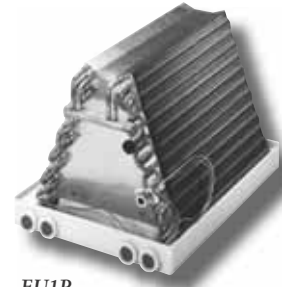
Cased and Uncased Coils



EC1P



EH1P



EU1P



- Coils are R-22 and R-410A compatible
- Microban® antimicrobial additive in the drain pan to resist mold and mildew
- EC1P features easily changeable orifice sizes and fast TXV connection
- EH1P features removable panels for easy service or coil cleaning.
- EU1P features easily changeable orifice sizes and fast TXV connection and dual drain connections placed for installation flexibility

EC1P Upflow/Counterflow Cased Coils—Painted

Bercor Number	Model Number	Dimensions H x W x D (In.)	Orifice Size	Refrigerant Connections		Approx. Weight (Lbs.)
				Liquid (In.)	Vapor (In.)	
84600	EC1P18AL-1	16-1/2 x 14-1/2 x 21	51	3/8	3/4	31
84601	EC1P23AL-1	18-1/2 x 14-1/2 x 21	57	3/8	3/4	39
84602	EC1P23BL-1	18-1/2 x 17-1/2 x 21	57	3/8	3/4	41
84603	EC1P24AL-1	20-1/2 x 14-1/2 x 21	57	3/8	3/4	37
84604	EC1P24BL-1	20-1/2 x 17-1/2 x 21	62	3/8	3/4	40
84605	EC1P29AL-1	25-1/2 x 14-1/2 x 21	65	3/8	3/4	47
84606	EC1P29BL-1	20-1/2 x 17-1/2 x 21	65	3/8	3/4	49
84607	EC1P30AL-1	24-1/2 x 14-1/2 x 21	65	3/8	3/4	45
84608	EC1P30BL-1	24-1/2 x 17-1/2 x 21	65	3/8	3/4	46
84609	EC1P30CL-1	24-1/2 x 21 x 21	70	3/8	3/4	50
84610	EC1P36AL-1	24-1/2 x 14-1/2 x 21	73	3/8	3/4	49
84611	EC1P36BL-1	24-1/2 x 17-1/2 x 21	73	3/8	3/4	51
84612	EC1P36CL-1	24-1/2 x 21 x 21	73	3/8	3/4	55
84613	EC1P36DL-1	24-1/2 x 24-1/2 x 21	76	3/8	3/4	57
84614	EC1P43BL-1	29-1/2 x 17-1/2 x 21	76	3/8	7/8	60
84615	EC1P43CL-1	29-1/2 x 21 x 21	76	3/8	7/8	63
84616	EC1P48BL-1	24-1/2 x 17-1/2 x 21	82	3/8	7/8	52
84617	EC1P48CL-1	24-1/2 x 21 x 21	82	3/8	7/8	55
84618	EC1P49CL-1	29-1/2 x 22 x 21	93	3/8	7/8	72
84619	EC1P50CL-1	27-1/2 x 21 x 21	82	3/8	7/8	66
84620	EC1P60DL-1	25-1/2 x 24-1/2 x 21	93	3/8	7/8	66
84621	EC1P62CL-1	31-1/2 x 22 x 21	93	3/8	7/8	76
84622	EC1P62DL-1	29-1/2 x 24-1/2 x 21	93	3/8	7/8	77

EH1P Horizontal Cased Coils—Embossed

Bercor Number	Model Number	Dimensions H x W x D (In.)	Orifice Size	Refrigerant Connections		Approx. Weight (Lbs.)
				Liquid (In.)	Suction (In.)	
67300	EH1P23AM	14-1/2 x 26-1/2 x 21-1/4	57	3/8	3/4	38
67382	EH1P23BM	17-1/2 x 26-1/2 x 21-1/4	57	3/8	3/4	50
67395	EH1P29AM	14-1/2 x 31-1/2 x 21-1/4	65	3/8	3/4	56
67403	EH1P29BM	17-1/2 x 26-1/2 x 21-1/4	65	3/8	3/4	45
67405	EH1P36BM	17-1/2 x 26-1/2 x 21-1/4	73	3/8	3/4	56
67411	EH1P36CM	21 x 26-1/2 x 21-1/4	73	3/8	3/4	64
67412	EH1P43BM	17-1/2 x 31-1/2 x 21-1/4	76	3/8	7/8	52
67413	EH1P43CM	21 x 26-1/2 x 21-1/4	76	3/8	7/8	56
67431	EH1P49CM	21 x 31-1/2 x 19-1/2	93	3/8	7/8	58
67441	EH1P49DM	24-1/2 x 31-1/2 x 23	93	3/8	7/8	66
67432	EH1P62CM	21 x 31-1/2 x 19-1/2	93	3/8	7/8	63
67438	EH1P62DM	24-1/2 x 31-1/2 x 23	93	3/8	7/8	63

EC1P, EH1P, and EU1P

Cased and Uncased Coils

EU1P Uncased Coils

Bercor Number	Model Number	Dimensions H x W x D (In.)	Orifice Size	Refrigerant Connections		Approx. Weight (Lbs)
				Liquid (In.)	Suction (In.)	
60464	EU1P18AN	15 x 13 x 19-1/2	51	3/8	3/4	18
60783	EU1P23AN	17-3/16 x 13 x 19-1/2	57	3/8	3/4	22
60467	EU1P24AN	19-3/16 x 13 x 19-1/2	57	3/8	3/4	22
60538	EU1P24BN	18-3/4 x 15-1/2 x 19-1/2	57	3/8	3/4	23
60825	EU1P29AN	21-1/4 x 13 x 19-1/2	65	3/8	3/4	24
84077	EU1P29BN	21-1/4 x 15-1/2 x 19-1/2	65	3/8	3/4	25
60468	EU1P30AN	23-1/4 x 13 x 19-1/2	65	3/8	3/4	26
60557	EU1P30BN	23 x 15-1/2 x 19-1/2	65	3/8	3/4	27
60579	EU1P30CN	22-1/4 x 20 x 19-1/2	65	3/8	3/4	29
60481	EU1P36AN	23-3/8 x 13 x 19-1/2	73	3/8	3/4	31
60483	EU1P36BN	23-1/8 x 15-1/2 x 19-1/2	73	3/8	3/4	33
60598	EU1P36CN	22-1/2 x 20 x 19-1/2	73	3/8	3/4	34
60828	EU1P43BN	27-1/4 x 15-1/2 x 19-1/2	76	3/8	7/8	43
60827	EU1P43CN	26-3/4 x 20 x 19-1/2	76	3/8	7/8	44
60490	EU1P48BN	23-1/8 x 15-1/2 x 19-1/2	82	3/8	7/8	33
60837	EU1P48CN	22-1/2 x 20 x 19-1/2	82	3/8	7/8	35
60841	EU1P49CN	28-5/8 x 19-1/2 x 21-1/2	93	3/8	7/8	53
60492	EU1P50CN	26-3/4 x 20 x 19-1/2	82	3/8	7/8	40
60843	EU1P60DN	24 x 23 x 19-1/2	93	3/8	7/8	42
60493	EU1P62CN	30-5/8 x 19-1/2 x 21-1/2	93	3/8	7/8	58
60518	EU1P62DN	28-1/8 x 23 x 19-1/2	93	3/8	7/8	48

R-410A TXV Kits

Bercor Number	Description	Used With
67835	A4TXV01 R-410A Expansion Valve	Condensing Units, Coils and Air Handlers
67836	A4TXV02 R-410A Expansion Valve	Condensing Units, Heat Pumps, Coils and Air Handlers
67837	H4TXV01 R-410A Expansion Valve	Condensing Units, Heat Pumps, Coils and Air Handlers
67838	H4TXV02 R-410A Expansion Valve	Condensing Units, Heat Pumps, Coils and Air Handlers
67839	H4TXV03 R-410A Expansion Valve	Condensing Units, Heat Pumps, Coils and Air Handlers

R-22 TXV Kits

Bercor Number	Description	Used With
61148	A2TXV01 R-22 Expansion Valve	Condensing Units, Coils and Air Handlers
61151	A2TXV02 R-22 Expansion Valve	Condensing Units, Coils and Air Handlers
61155	H2TXV01 R-22 Expansion Valve	Condensing Units, Heat Pumps, Coils and Air Handlers
61156	H2TXV02 R-22 Expansion Valve	Condensing Units, Heat Pumps, Coils and Air Handlers
61157	H2TXV03 R-22 Expansion Valve	Condensing Units, Heat Pumps, Coils and Air Handlers

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Model Number Guides

Gas Furnaces

92	G	1	UH	045	A	P	08	01
AFUE	Gas	1 - 1-Stage 2 - 2-Stage	UH - Upflow/Horizontal DF - Downflow	Btuh Input x 1000	Cabinet Width A - 14.5" B - 17.5" C - 21" D - 24.5"	Blower Drive V - Variable Speed E - High-Efficiency P - PSC	CFM x 100 08 - 2T 12 - 3T 16 - 4T 20 - 5T	Revision Code

Condensing Units and Heat Pumps, Single-Phase

4	AC	13	L	18	P
4 - R-410A 2 - R-22	AC - Split Condensing Unit HP - Split Heat Pump	SEER	LT - Louvered Two-Stage L - Louvered Single Stage B - Basic Wire Single Stage	Nominal Capacity 18 - 1.5 ton 24 - 2.0 ton 30 - 2.5 ton 36 - 3.0 ton 42 - 3.5 ton 48 - 4.0 ton 60 - 5.0 ton	Voltage/Hz/Ph P - 208-230/60/1 T - 208-230/60/3 F - 460/60/3

Condensing Units and Heat Pumps, Three-Phase

2	SCU	13	LC	1	36	T	1	A
2 - R-22	SCU - Split Condensing Unit SHP - Split Heat Pump	SEER	LC - Louvered Commercial	Series	Nominal Capacity 36 - 36,000 Btuh 48 - 48,000 Btuh 60 - 60,000 Btuh	Voltage/Hz/Phase T - 208-230/60/3	Major Revision Code	Minor Revision Code

Coils

E	U	1P	18	A	N
Evaporator Coil	U - Uncased C - Cased M - Multi-position H - Horizontal	Expansion Device 1P - Piston	Nominal Capacity 18, 19 = 1 ½ ton 23, 24 = 2.0 ton 29, 30 = 2 ½ ton 36 = 3.0 ton 48 = 4.0 ton 49 = 4.0-5.0 ton 50 = 4.0 ton 60 = 5.0 ton 62 = 5.0 ton	Matching Gas Furnace Cabinet Width A = 14 ½" B = 17 ½" C = 21" D = 24 ½"	Color N - Not Applicable G - Platinum Gray M - Galvanized Embossed

Residential Packaged Units, Electric/Electric and Heat Pump

R	CE	13	A	36	P	1	A
Residential Packaged	CE - Electric/Electric HP - Heat Pump	SEER	Series	Nominal Capacity 24 = 2.0 ton 30 = 2 ½ ton 36 = 3.0 ton 48 = 4.0 ton 49 = 4.0-5.0 ton 50 = 4.0 ton 60 = 5.0 ton	Voltage/Hz/Phase P - 208-230/60/1	Revision Code	Service Level

Residential Packaged Units, Gas/Electric

R	GE	13	A	36	075	L	P	1	A
Residential Packaged	GE - Gas/Electric	SEER	Series	Nominal Capacity 36 - 36,000	Nominal Heating 75 - 75,000	Nox (Blank Standard) L - Low Nox	Voltage/Hz/Phase P - 208-230/60/1	Revision Code	Service Level

Air Handlers, BCS2 & BCS3

BC	S	2	M	36	C	18	N	A	1P	1
Blower Coil	Single Piece Cabinet	Series	M - Multiposition	Nominal Capacity 36 - 36,000	Blower Motor C - Constant Speed V - Variable Speed	Heat Size 18 - kW Elec. Kits Avail 18: 5, 7.5, 10 24: 5, 7.5, 10 30: 5, 7.5, 10, 15 36: 5, 7.5, 10, 15 37: 5, 7.5, 10, 15 42: 4, 7.5, 10, 15 48: 5, 7.5, 10, 15, 20 60: 5, 7.5, 10, 15, 20	Circuit Protection N - None	Voltage/Hz/Ph 208-230/60/1	Metering Device 1P - Piston Orifice 4X - R-410A TXV	Revision Code



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