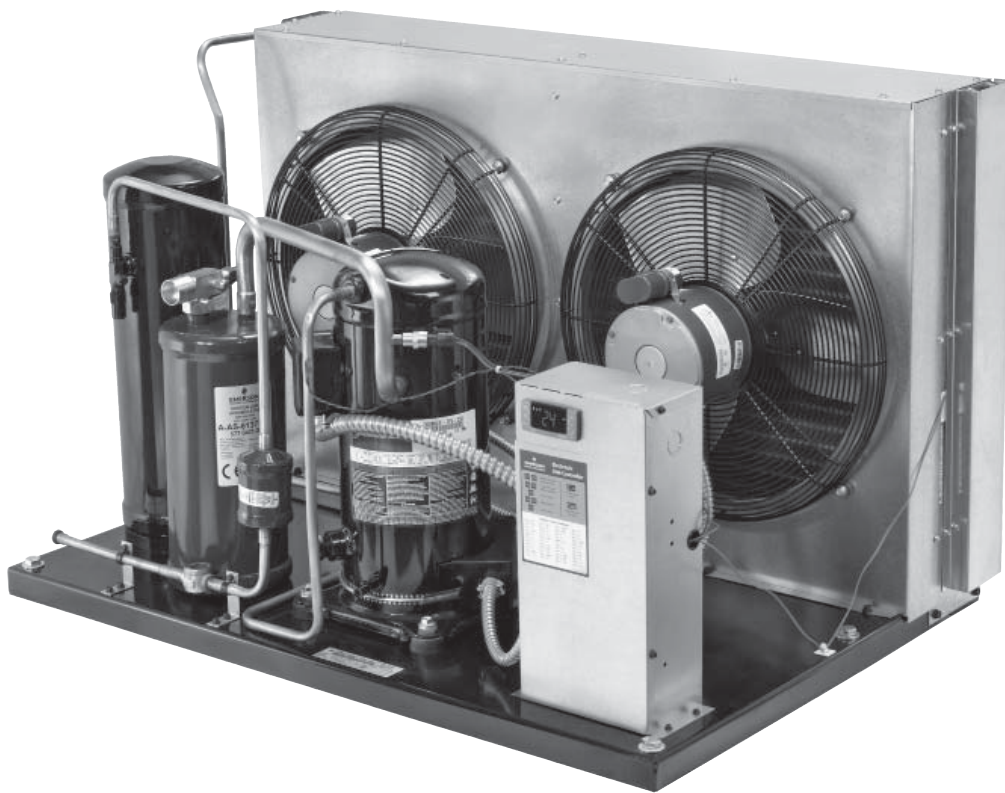


# F and D Line

## Copeland Scroll® air-cooled condensing units

For more free Copeland literature please visit [www.HVACRinfo.com](http://www.HVACRinfo.com)



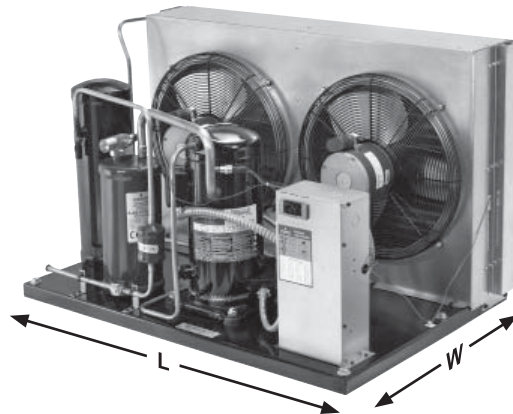
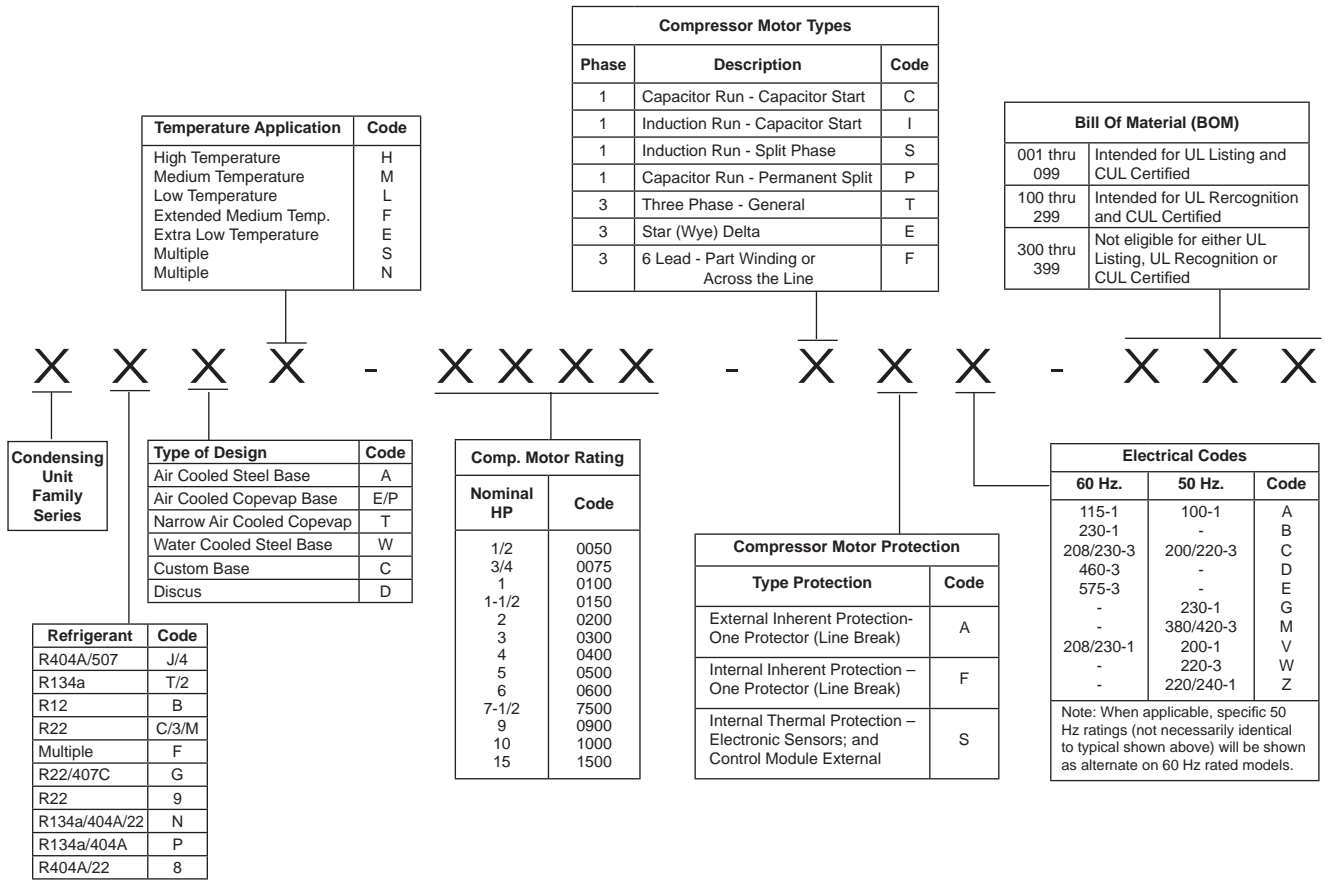
## Product Information

Horsepower:	1 – 10
Temperature Applications:	Low/Medium/High
Refrigerants:	R-134a, R-404A, R-22, R-407C
Installation Applications:	A variety of applications including bulk milk and walk-in boxes



**EMERSON**  
Climate Technologies

# Nomenclature • Welded Condensing Units



BOM	Suction Valve*	Suction Accumulator	Receiver	BX Conduit	Fan Guard	Discharge-Line T'stat	High/ Low Pressure Control	Time Delay Relay (1 Ø)	Filter Drier	Moisture Indicator	Liquid Solenoid Valve w/Coil	Fan Cycle Control
-015	•		•	•	•	•	•	•				•
-020	•		•	•	•	•	•	•				•
-071	•		•	•	•	•	•	•		•		•
-072	•		•	•	•	•	•	•		•		•
-073	•		•	•	•	•	•	•		•	•	•
-074	•		•	•	•	•	•	•		•	•	•
-081**	•	•	•	•	•	•	•	•		•		•
-172	•		•	•	•	•	•	•		•		•
-174	•		•	•	•	•	•	•		•	•	•

\* except 1-1/2 HP

\*\* includes factory installed Copeland PerformanceAlert™ module

BOM (bills of material) numbers apply only to the units listed in this section. All Models are UL Listed. UL/UR are registered trademarks of Underwriters Laboratories, Inc.

## Copeland Scroll® air-cooled condensing units

Features	Benefits
Copeland Scroll® Compressor	Reliability
	High Energy Efficiency
	Low Sound & Vibration
Advance Diagnostics and Protection Features	Faster Trouble Shooting Warranty Reduction
Factory Installed EK Filter Drier & HMI Moisture Indicator	Less Leaks, Reduce Callbacks, Lower Installation Cost, Increase Equipment Reliability, Lower Warranty
Modular Components	Replacement Serviceability
Multi Refrigerant Approval for High/Med Models	Application Flexibility Inventory Consolidation

### Resources and Support

#### EmersonClimate.com

##### ■ Online Product Information and Technical Data

- Application Engineering Bulletins
- Instruction Sheets
- Marketing Brochures

##### ■ Product Selection Tools

- Walk-In Box Load Calculator

##### ■ Where to Buy

Optional Hood (refer to appendix of this catalog or form number 2010ECT-121 for more information)

### Application Engineering Bulletins

- 4-1273 Factors to Consider in Converting Compressor Rated Capacity to Actual Capacity
- 4-1299 Application Guidelines for Copeland Scroll Compressors 2 - 6 Horsepower
- 4-1302 Application Guidelines for Copeland Scroll Compressors 7.5 - 15 Horsepower
- 4-1317 Application Guidelines for ZBKC / ZBKCE Refrigeration Scroll Compressors 1.3 to 6 HP
- 4-1318 Application Guidelines for ZBKC / ZBKCE Refrigeration Scroll Compressors 7 to 15 HP
- 8-1347 Copeland PerformanceAlert™ Diagnostic Module
- 11-1147 Suction Accumulators
- 11-1297 Liquid Line Filter-Driers
- 17-1260 Compressor Overheating
- 17-1268 Compression Ratio as it Affects Compressor Reliability
- 22-1182 Liquid Refrigerant Control in Refrigeration and Air Conditioning Systems

For more information, visit [EmersonClimate.com](http://EmersonClimate.com) and login to the Customer Portal to view Online Product Information

## Copeland Scroll® air-cooled condensing units

### Capacity Data

HIGH/MED TEMP		Capacity (BTU/Hr) at 90° Ambient - Evaporator Temp (°F)						
Model	BOM	Refrig.	H.P.	-5	0	+5	+10	+15
FTAH-A13Z-CFV,TFC,TFD	072, 074	134a	1			7090	8030	9030
FJAM-A15Z-CFV	172, 174	404A	1-1/2	6910	7730	8680	9620	10600
FFAS-A20Z-CFV, TFC	081	22	2					14300
		134a	2			7560	8570	9680
		404A	2	10200	11200	12400	13600	14800
		407C	2				11600	12900
FFAS-A25Z-CFV, TFC	081	22	2-1/2				15000	16800
		134a	2-1/2			8880	10100	11400
		404A	2-1/2	13100	14500	16100	17700	19400
		407C	2-1/2				13200	14900
FFAS-A30Z-CFV, TFC	081	22	3					21200
		134a	3			11000	12500	14100
		404A	3	15400	17000	18800	20700	22600
		407C	3				17200	19200
FFAS-A35Z-CFV, TFC	081	22	3-1/2					24200
		134a	3-1/2			12600	14300	16100
		404A	3-1/2	17600	19300	21400	23500	25700
		407C	3-1/2					22300
FFAS-A40Z-CFV, TFC	081	22	4				26800	29800
		134a	4			15300	17300	19600
		404A	4	21300	23600	26200	28900	31800
		407C	4				23900	26700
FFAS-A50Z-CFV, TFC, TFD	081	22	5				32400	36000
		134a	5			18500	21000	23800
		404A	5	26100	28900	32000	35200	38600
		407C	5				30500	34000
FFAS-A60Z-TFC, TFD	081	22	6					42300
		134a	6			22100	24900	28000
		404A	6	30400	33700	37200	40900	44700
		407C	6				34400	38400
FPAN-070Z-TFC,TFD	071, 073	134a	7			25700	29000	32500
		404A	7		38200	42700	47300	52100
FPAN-080Z-TFC,TFD	071,073	134a	8			28600	32200	36000
		404A	8		42200	47200	52300	57600
FPAN-091Z-TFC, TFD	071, 073	134a	9			32100	36000	40200
		404A	9		48800	54000	59200	64700
FPAN-101Z-TFC,TFD	071, 073	134a	10			37000	41500	46400
		404A	10		56800	62500	68200	74100
LOW TEMP		Capacity (BTU/Hr) at 90° Ambient - Evaporator Temp (°F)						
Model	BOM	Refrig.	H.P.				-40	-35
DJAL-015Z-CFV, TFC	081	404A	1-1/2				4750	5460
DJAL-020Z-CFV, TFC	081	404A	2				6040	6870
DJAL-022Z-CFV, TFC	081	404A	2+				6680	7580
DJAL-026Z-CFV, TFC	081	404A	2-1/2				8420	9580
DJAL-030Z-CFV, TFC	081	404A	3				9280	10600
DJAL-041Z-CFV,TFC,TFD	081	404A	4				12000	13700
DJAL-051Z-TFC, TFD	081	404A	5				14300	16300
DJAL-060Z-TSC, TSD	081	404A	6				17000	19400

Capacities are at 60 Hertz with 65° return gas and 5°F subcooling.

## Copeland Scroll® air-cooled condensing units

### Capacity Data

HIGH/MED TEMP		Capacity (BTU/Hr) at 90° Ambient - Evaporator Temp (°F)						
Model	BOM	Refrig.	H.P.	+20	+25	+30	+40	+45
FTAH-A13Z-CFV,TFC,TFD	072, 074	134a	1	10100	11200	12400	14900	16300
FJAM-A15Z-CFV	172, 174	404A	1-1/2	11600	12700			
FFAS-A20Z-CFV, TFC	081	22	2	15800	17400	19000	22700	24700
		134a	2	10900	12200	13600	16500	18100
		404A	2	16200	17500			
		407C	2	14400	15900	17600	21200	23100
FFAS-A25Z-CFV, TFC	081	22	2-1/2	18600	20500	22500	26900	29300
		134a	2-1/2	12800	14300	16000	19500	21400
		404A	2-1/2	21200	23200			
		407C	2-1/2	16700	18700	20800	25400	27900
FFAS-A30Z-CFV, TFC	081	22	3	23500	25800	28300	33700	36500
		134a	3	15900	17700	19700	24100	26400
		404A	3	24700	26900			
		407C	3	21400	23600	26100	31300	34200
FFAS-A35Z-CFV, TFC	081	22	3-1/2	26700	29300	32100	37900	41100
		134a	3-1/2	18100	20200	22400	27300	29900
		404A	3-1/2	28000	30400			
		407C	3-1/2	24700	27300	30200	36300	39400
FFAS-A40Z-CFV, TFC	081	22	4	33100	36500	40100	48000	52200
		134a	4	22000	24700	27600	33800	37100
		404A	4	34900	38100			
		407C	4	29800	33200	36800	44700	49000
FFAS-A50Z-CFV, TFC, TFD	081	22	5	39900	44000	48300	57600	62500
		134a	5	26700	29900	33300	40700	44700
		404A	5	42300	46100			
		407C	5	37700	41800	46100	55400	60400
FFAS-A60Z-TFC, TFD	081	22	6	46700	51400	56300	67000	72700
		134a	6	31400	35000	38800	47100	51500
		404A	6	48800	53100			
		407C	6	42700	47200	52000	62400	68100
FPAN-070Z-TFC,TFD	071, 073	134a	7	36300	40300	44500	53600	58600
		404A	7	57100	62400			
FPAN-080Z-TFC,TFD	071,073	134a	8	40200	44600	49300	59400	64900
		404A	8	63000	68600			
FPAN-091Z-TFC, TFD	071, 073	134a	9	44800	49800	55000	66200	72100
		404A	9	70300	76300			
FPAN-101Z-TFC,TFD	071, 073	134a	10	51600	57200	63100	75900	82600
		404A	10	80300	86800			
LOW TEMP		Capacity (BTU/Hr) at 90° Ambient - Evaporator Temp (°F)						
Model	BOM	Refrig.	H.P.	-30	-25	-20	-10	0
DJAL-015Z-CFV, TFC	081	404A	1-1/2	6220	7020	7080	9730	11800
DJAL-020Z-CFV, TFC	081	404A	2	7770	8740	9780	12100	14600
DJAL-022Z-CFV, TFC	081	404A	2+	8540	9560	10600	13000	15600
DJAL-026Z-CFV, TFC	081	404A	2-1/2	10800	12200	13600	16800	20400
DJAL-030Z-CFV, TFC	081	404A	3	12100	13600	15300	18900	22900
DJAL-041Z-CFV,TFC,TFD	081	404A	4	15400	17300	19400	24000	29200
DJAL-051Z-TFC, TFD	081	404A	5	18500	20700	23100	28400	34400
DJAL-060Z-TSC, TSD	081	404A	6	22000	24700	27600	33900	40900

Capacities are at 60 Hertz with 65° return gas and 5°F subcooling.

## Copeland Scroll® air-cooled condensing units

### Capacity Data

HIGH/MED TEMP		Cap. (BTU/Hr) at 100° F Ambient - Evaporator Temp (°F)						
Model	BOM	Refrig.	H.P.	-5	0	+5	+10	+15
FTAH-A13Z-CFV,TFC,TFD	072, 074	134a	1				7500	8420
FJAM-A15Z-CFV	172, 174	404A	1-1/2	6070	6830	7750	8630	9540
FFAS-A20Z-CFV, TFC	081	22	2					14300
		134a	2			7080	8040	9090
		404A	2	9270	10200	11300	12400	13600
		407C	2					
FFAS-A25Z-CFV, TFC	081	22	2-1/2					
		134a	2-1/2			8330	9460	10700
		404A	2-1/2	12000	13300	14700	16200	17800
		407C	2-1/2					13900
FFAS-A30Z-CFV, TFC	081	22	3					
		134a	3			10300	11700	13300
		404A	3	14100	15500	17200	18900	20700
		407C	3					
FFAS-A35Z-CFV, TFC	081	22	3-1/2					
		134a	3-1/2			11800	13400	15100
		404A	3-1/2	16000	17700	19600	21500	23500
		407C	3-1/2					
FFAS-A40Z-CFV, TFC	081	22	4					28200
		134a	4			14300	16300	18400
		404A	4	19600	21700	24100	26600	29300
		407C	4					25100
FFAS-A50Z-CFV, TFC, TFD	081	22	5					
		134a	5			17400	19700	22400
		404A	5	23900	26500	29400	32300	35500
		407C	5					
FFAS-A60Z-TFC, TFD	081	22	6					
		134a	6			20500	23200	26100
		404A	6	27900	30800	34100	37400	41000
		407C	6					
FPAN-070Z-TFC,TFD	071, 073	134a	7			24100	27200	30500
		404A	7		34200	38500	42800	47200
FPAN-080Z-TFC,TFD	071,073	134a	8			26800	30200	33800
		404A	8		37500	42100	46800	51600
FPAN-091Z-TFC, TFD	071, 073	134a	9			30000	33600	37700
		404A	9		44700	49500	54200	59200
FPAN-101Z-TFC,TFD	071, 073	134a	10			34600	38800	43400
		404A	10		51700	56800	61900	67300
LOW TEMP		Capacity (BTU/Hr) at 100° Ambient - Evaporator Temp (°F)						
Model	BOM	Refrig.	H.P.				-40	-35
DJAL-015Z-CFV, TFC	081	404A	1-1/2				4310	5020
DJAL-020Z-CFV, TFC	081	404A	2				5490	6310
DJAL-022Z-CFV, TFC	081	404A	2+				6210	7050
DJAL-026Z-CFV, TFC	081	404A	2-1/2				7710	8840
DJAL-030Z-CFV, TFC	081	404A	3				8530	9770
DJAL-041Z-CFV,TFC,TFD	081	404A	4				11200	12700
DJAL-051Z-TFC, TFD	081	404A	5				13500	15400
DJAL-060Z-TSC, TSD	081	404A	6				15900	18100

Capacities are at 60 Hertz with 65° return gas and 5°F subcooling.

## Copeland Scroll® air-cooled condensing units

### Capacity Data

HIGH/MED TEMP		Capacity (BTU/Hr) at 100° Ambient - Evaporator Temp (°F)						
Model	BOM	Refrig.	H.P.	+20	+25	+30	+40	+45
FTAH-A13Z-CFV,TFC,TFD	072, 074	134a	1	9400	10400	11500	13900	15200
FJAM-A15Z-CFV	172, 174	404A	1-1/2	10500	11500			
FFAS-A20Z-CFV, TFC	081	22	2	15800	17400	19000	22700	24700
		134a	2	10200	11500	12800	15600	17100
		404A	2	14800	16000			
		407C	2	13400	14900	16400	19900	21700
FFAS-A25Z-CFV, TFC	081	22	2-1/2	17500	19300	21200	25300	27600
		134a	2-1/2	12100	13500	15100	18500	20300
		404A	2-1/2	19500	21300			
		407C	2-1/2	15500	17400	19300	23700	26000
FFAS-A30Z-CFV, TFC	081	22	3		24300	26700	31700	34400
		134a	3	14900	16700	18600	22700	24900
		404A	3	22600	24600			
		407C	3	19900	22000	24200	29100	31800
FFAS-A35Z-CFV, TFC	081	22	3-1/2		27500	30100	35600	38600
		134a	3-1/2	17000	19000	21100	25700	28200
		404A	3-1/2	25600	27800			
		407C	3-1/2		25100	27800	33600	36500
FFAS-A40Z-CFV, TFC	081	22	4	31200	34500	38000	45400	49500
		134a	4	20800	23400	26100	32000	35200
		404A	4	32100	35100			
		407C	4	28000	31200	34600	42100	46200
FFAS-A50Z-CFV, TFC, TFD	081	22	5	37700	41500	45600	54400	59100
		134a	5	25200	28300	31500	38600	42300
		404A	5	38800	42300			
		407C	5					
FFAS-A60Z-TFC, TFD	081	22	6		48300	53000	63100	68500
		134a	6	29300	32700	36300	44200	48300
		404A	6	44800	48700			
		407C	6	40000	44300	48900	58800	64200
FPAN-070Z-TFC,TFD	071, 073	134a	7	34000	37800	41800	50400	55100
		404A	7	51900	56800			
FPAN-080Z-TFC,TFD	071,073	134a	8	37700	41800	46200	55800	60900
		404A	8	56500	61600			
FPAN-091Z-TFC, TFD	071, 073	134a	9	42000	46600	51500	62100	67700
		404A	9	64400	69800			
FPAN-101Z-TFC,TFD	071, 073	134a	10	48400	53700	59200	71200	77600
		404A	10	72800	78600			
LOW TEMP		Capacity (BTU/Hr) at 100° Ambient - Evaporator Temp (°F)						
Model	BOM	Refrig.	H.P.	-30	-25	-20	-10	0
DJAL-015Z-CFV, TFC	081	404A	1-1/2	5760	6540	7340	9070	10900
DJAL-020Z-CFV, TFC	081	404A	2	7180	8110	9090	11200	13500
DJAL-022Z-CFV, TFC	081	404A	2+	7940	8870	9860	12000	14400
DJAL-026Z-CFV, TFC	081	404A	2-1/2	10000	11300	12700	15600	18900
DJAL-030Z-CFV, TFC	081	404A	3	11100	12600	14100	17400	21100
DJAL-041Z-CFV,TFC,TFD	081	404A	4	14400	16100	18000	22200	26900
DJAL-051Z-TFC, TFD	081	404A	5	17300	19400	21600	26400	31800
DJAL-060Z-TSC, TSD	081	404A	6	20500	23000	25700	31400	37700

Capacities are at 60 Hertz with 65° return gas and 5°F subcooling.

## Copeland Scroll® air-cooled condensing units

### Capacity Data

HIGH/MED TEMP		Cap. (BTU/Hr) at 110° F Ambient - Evaporator Temp (°F)						
Model	BOM	Refrig.	H.P.	-5	0	+5	+10	+15
FTAH-A13Z-CFV,TFC,TFD	072, 074	134a	1					7830
FJAM-A15Z-CFV	172, 174	404A	1-1/2	5090	5800	6690	7520	8370
FFAS-A20Z-CFV, TFC	081	22	2					
		134a	2				7480	8480
		404A	2		9200	10200	11200	12200
		407C	2					
FFAS-A25Z-CFV, TFC	081	22	2-1/2					
		134a	2-1/2				8820	10000
		404A	2-1/2	10800	12000	13300	14700	16100
		407C	2-1/2					
FFAS-A30Z-CFV, TFC	081	22	3					
		134a	3				10900	12400
		404A	3		14000	15500	17100	18700
		407C	3					
FFAS-A35Z-CFV, TFC	081	22	3-1/2					
		134a	3-1/2				12400	14100
		404A	3-1/2		15900	17600	19300	21200
		407C	3-1/2					
FFAS-A40Z-CFV, TFC	081	22	4					
		134a	4			13300	15200	17200
		404A	4	17700	19700	21900	24200	26600
		407C	4					
FFAS-A50Z-CFV, TFC, TFD	081	22	5					
		134a	5				18400	20900
		404A	5	21600	24000	26600	29300	32200
		407C	5					
FFAS-A60Z-TFC, TFD	081	22	6					
		134a	6				21400	24200
		404A	6		27800	30800	33900	37100
		407C	6					
FPAN-070Z-TFC,TFD	071, 073	134a	7				25300	28400
		404A	7		30000	34000	38000	42100
FPAN-080Z-TFC,TFD	071,073	134a	8				28100	31500
		404A	8		32500	36800	41000	45300
FPAN-091Z-TFC, TFD	071, 073	134a	9				31300	35000
		404A	9		40300	44700	49100	53600
FPAN-101Z-TFC,TFD	071, 073	134a	10				36100	40400
		404A	10			59000	55400	60100
LOW TEMP		Capacity (BTU/Hr) at 110° Ambient - Evaporator Temp (°F)						
Model	BOM	Refrig.	H.P.				-40	-35
DJAL-015Z-CFV, TFC	081	404A	1-1/2				3940	4650
DJAL-020Z-CFV, TFC	081	404A	2				4960	5760
DJAL-022Z-CFV, TFC	081	404A	2+				5710	6490
DJAL-026Z-CFV, TFC	081	404A	2-1/2				7010	8100
DJAL-030Z-CFV, TFC	081	404A	3				7910	9030
DJAL-041Z-CFV,TFC,TFD	081	404A	4				10400	11700
DJAL-051Z-TFC, TFD	081	404A	5				12600	14300
DJAL-060Z-TSC, TSD	081	404A	6				14600	16700

Capacities are at 60 Hertz with 65° return gas and 5°F subcooling.

## Copeland Scroll® air-cooled condensing units

### Capacity Data

HIGH/MED TEMP		Capacity (BTU/Hr) at 110° Ambient - Evaporator Temp (°F)						
Model	BOM	Refrig.	H.P.	+20	+25	+30	+40	+45
FTAH-A13Z-CFV,TFC,TFD	072, 074	134a	1	8710	9660	10700	12900	14100
FJAM-A15Z-CFV	172, 174	404A	1-1/2	9250	10200			
FFAS-A20Z-CFV, TFC	081	22	2		16400	17900	21400	23300
		134a	2	9570	10700	12000	14600	16100
		404A	2	13300	14500			
		407C	2			15200	18400	20200
FFAS-A25Z-CFV, TFC	081	22	2-1/2			19800	23700	25900
		134a	2-1/2	11300	12700	14200	17400	19100
		404A	2-1/2	17700	19300			
		407C	2-1/2		16000	17800	21800	23900
FFAS-A30Z-CFV, TFC	081	22	3				29800	32300
		134a	3	13900	15600	17400	21300	23400
		404A	3	20500	22300			
		407C	3			22300	26800	29300
FFAS-A35Z-CFV, TFC	081	22	3-1/2				33200	36000
		134a	3-1/2	15800	17800	19800	24100	26400
		404A	3-1/2	23100	25100			
		407C	3-1/2				30800	33500
FFAS-A40Z-CFV, TFC	081	22	4		32500	35700	42800	46600
		134a	4	19500	21900	24500	30200	33200
		404A	4	29200	31900			
		407C	4		29100	32300	39400	43200
FFAS-A50Z-CFV, TFC, TFD	081	22	5			42900	51200	55700
		134a	5	23600	26500	29600	36300	39900
		404A	5	35200	38400			
		407C	5					
FFAS-A60Z-TFC, TFD	081	22	6			49400	59000	64100
		134a	6	27100	30400	33800	41200	45100
		404A	6	40500	44100			
		407C	6			45500	54900	55900
FPAN-070Z-TFC,TFD	071, 073	134a	7	31700	35300	39000	47100	51500
		404A	7	46400	50900			
FPAN-080Z-TFC,TFD	071,073	134a	8	35100	39000	43100	52100	56900
		404A	8	49700	54200			
FPAN-091Z-TFC, TFD	071, 073	134a	9	39100	43400	48000	57900	63200
		404A	9	58300	63200			
FPAN-101Z-TFC,TFD	071, 073	134a	10	45000	50000	55200	66400	72400
		404A	10	65000	70100			
LOW TEMP		Capacity (BTU/Hr) at 110° Ambient - Evaporator Temp (°F)						
Model	BOM	Refrig.	H.P.	-30	-25	-20	-10	0
DJAL-015Z-CFV, TFC	081	404A	1-1/2	5370	6110	6860	8450	10100
DJAL-020Z-CFV, TFC	081	404A	2	6590	7460	8370	10300	12300
DJAL-022Z-CFV, TFC	081	404A	2+	7300	8150	9040	11000	13100
DJAL-026Z-CFV, TFC	081	404A	2-1/2	9240	10400	11700	14400	17200
DJAL-030Z-CFV, TFC	081	404A	3	10200	11500	12900	15900	19200
DJAL-041Z-CFV,TFC,TFD	081	404A	4	13200	14800	16500	20300	22400
DJAL-051Z-TFC, TFD	081	404A	5	16100	18000	20000	24300	29100
DJAL-060Z-TSC, TSD	081	404A	6	18900	21200	23600	28700	34300

Capacities are at 60 Hertz with 65° return gas and 5°F subcooling.

# Copeland Scroll® air-cooled condensing units

## Physical Data

Model	Refrig.	Comp	Overall Dimensions (in)			Connecting Lines		Minimum Circuit Ampacity - Max Fuse Size			Pump Down Capacity (lbs)	Ship Weight (lbs)
			L	W	H	Suction	Liquid	208/230-1	230-3	460-3		
FTAH-A13Z-CFV,TFC,TFD	134a	ZB15KCE	24.0	18.3	16.2	7/8 S	3/8 S	21.0 - 35	12.5 - 20	7.9 - 15	6.3	131
FJAM-A15Z-CFV	404A	ZB11KCE	24.0	18.6	16.2	7/8 S	3/8 S	13.9 - 20			5.4	130
FFAS-A20Z-CFV, TFC	22	ZB15KCE	25.2	34	19	7/8 S	3/8 S	21.8 - 35	13.3 - 20		15.2	214
	134a		25.2	34.0	19.0	7/8 S	3/8 S	21.8 - 35	13.3 - 20		15.2	214
	404A		25.2	34.0	19.0	7/8 S	3/8 S	21.8 - 35	13.3 - 20		15.2	214
	407C		25.2	34.0	19.0	7/8 S	3/8 S	21.8 - 35	13.3 - 20		15.2	214
FFAS-A25Z-CFV, TFC	22	ZB19KCE	25.2	34.1	19.0	1/8 S	3/8 S	25.2 - 40	15.3 - 20		17.2	222
	134a		25.2	34.1	19.0	1/8 S	3/8 S	25.2 - 40	15.3 - 20		17.2	222
	404A		25.2	34.1	19.0	1/8 S	3/8 S	25.2 - 40	15.3 - 20		17.2	222
	407C		25.2	34.1	19.0	1/8 S	3/8 S	25.2 - 40	15.3 - 20		17.2	222
FFAS-A30Z-CFV, TFC	22	ZB21KCE	25	34.0	19.0	1/8 S	3/8 S	28.7 - 45	17.9 - 25		17.2	224
	134a		25	34.0	19.0	1/8 S	3/8 S	28.7 - 45	17.9 - 25		17.2	224
	404A		25	34.0	19.0	1/8 S	3/8 S	28.7 - 45	17.9 - 25		10.36	224
	407C		25	34.0	19.0	1/8 S	3/8 S	28.7 - 45	17.9 - 25		10.36	224
FFAS-A35Z-CFV, TFC	22	ZB26KCE	25.2	34.0	19.0	1/8 S	3/8 S	32.3 - 50	20.2 - 30		17.2	224
	134a		25.2	34.0	19.0	1/8 S	3/8 S	32.3 - 50	20.2 - 30		17.2	224
	404A		25.2	34.0	19.0	1/8 S	3/8 S	32.3 - 50	20.2 - 30		17.2	224
	407C		25.2	34.0	19.0	1/8 S	3/8 S	32.3 - 50	20.2 - 30		17.2	224
FFAS-A40Z-CFV, TFC	22	ZB30KCE	28.1	44.1	26.8	1-1/8 S	1/2 S	37.1 - 60	23.2 - 35		11.4	336
	134a		28.1	44.1	26.8	1-1/8 S	1/2 S	37.1 - 60	23.2 - 35		11.4	336
	404A		28.1	44.1	26.8	1-1/8 S	1/2 S	37.1 - 60	23.2 - 35		11.4	336
	407C		28.1	44.1	26.8	1-1/8 S	1/2 S	37.1 - 60	23.2 - 35		11.4	336
FFAS-A50Z-CFV, TFC, TFD	22	ZB38KCE	28.1	44.1	26.8	1-1/8 S	1/2 S	42.5 - 60	31.2 - 45	14.4 - 20	11.4	336
	134a		28.1	44.1	26.8	1-1/8 S	1/2 S	42.5 - 60	31.2 - 45	14.4 - 20	11.4	336
	404A		28.1	44.1	26.8	1-1/8 S	1/2 S	42.5 - 60	31.2 - 45	14.4 - 20	11.4	336
	407C		28.1	44.1	26.8	1-1/8 S	1/2 S	42.5 - 60	31.2 - 45	14.4 - 20	11.4	336
FFAS-A60Z-TFC, TFD	22	ZB45KCE	44.1	28.2	26.8	1-1/8 S	1/2 S	31.7 - 50		16.8 - 25	29.5	336
	134a		44.1	28.2	26.8	1-1/8 S	1/2 S	31.7 - 50		16.8 - 25	29.5	336
	404A		44.1	28.2	26.8	1-1/8 S	1/2 S	31.7 - 50		16.8 - 25	29.5	336
	407C		44.1	28.2	26.8	1-1/8 S	1/2 S	31.7 - 50		16.8 - 25	29.5	336
FPAN-070Z-TFC,TFD	134a	ZB50KCE	28.5	37.4	36.8	1-3/8 S	5/8 S		44.8 - 60	23.2 - 30	70.6	495
	404A		28.5	37.4	36.8	1-3/8 S	5/8 S		44.8 - 60	23.2 - 30	60.4	495
FPAN-080Z-TFC,TFD	134a	ZB58KCE	28.5	44.0	36.8	1-3/8 S	5/8 S		49.1 - 70	24.9 - 35	70.6	497
	404A		28.5	44.0	36.8	1-3/8 S	5/8 S		49.1 - 70	24.9 - 35	60.4	497
FPAN-091Z-TFC, TFD	134a	ZB66KCE	28.5	37.4	36.8	1-3/8 S	5/8 S			26.3 - 35	70.6	509
	404A		28.5	37.4	36.8	1-3/8 S	5/8 S		51.0 - 70	26.3 - 35	60.4	509
FPAN-101Z-TFC,TFD	134a	ZB76KCE	28.5	37.4	36.8	1-3/8 S	5/8 S		60.8 - 90	28.4 - 40	79.2	528
	404A		28.5	37.4	36.8	1-3/8 S	5/8 S		60.8 - 90	28.4 - 40	67.8	528
DJAL-015Z-CFV, TFC, TFD	404A	ZF06K4E	25.2	34.3	19.0	1-1/8 S	3/8 S		13.9 - 20	6.8 - 15	15.2	220
DJAL-020Z-CFV, TFC, TFD	404A	ZF08K4E	25.2	34.0	18.8	7/8 S	3/8 S	22.8 - 35	14.4 - 20	7.7 - 15	15.2	220
DJAL-022Z-CFV, TFC, TFD	404A	ZF09K4E	25.2	34.3	19.0	1-1/8 S	3/8 S		16.2 - 20	8.6 - 15	15.2	222
DJAL-026Z-CFV, TFC, TFD	404A	ZF11K4E	25.2	34.0	19.0	1-1/8 S	3/8 S	28.7 - 45	19.8 - 30		17.2	235
DJAL-030Z-CFV, TFC, TFD	404A	ZF13K4E	25.2	34.3	19.0	1-1/8 S	3/8 S		21.6 - 30	13.5 - 15	17.2	254
DJAL-041Z-CFV,TFC,TFD	404A	ZF15K4E	28.2	44.1	26.8	1-1/8 S	1/2 S	43.4 - 70	30.4 - 45	14.4 - 20	29.4	332
DJAL-051Z-TFC, TFD	404A	ZF18K4E	28.2	44.1	26.8	1-1/8 S	1/2 S		33.5 - 50		29.4	342
DJAL-060Z-TSC, TSD	404A	ZF24K4E	28.2	44.1	26.8	1-1/8 S	1/2 S		41.1 - 60	22.0 - 35	29.4	449

BOM	Suction Valve*	Suction Accumulator	Receiver	BX Conduit	Fan Guard	Discharge-Line T'stat	High/ Low Pressure Control	Time Delay Relay (1 Ø)	Filter Drier	Moisture Indicator	Liquid Solenoid Valve w/Coil	Fan Cycle Control
-015	•		•	•	•	•	•	•				•
-020	•		•	•	•	•	•	•				•
-071	•		•	•	•	•	•	•	•	•		•
-072	•		•	•	•	•	•	•	•	•		•
-073	•		•	•	•	•	•	•	•	•	•	•
-074	•		•	•	•	•	•	•	•	•	•	•
-081**	•	•	•	•	•	•	•	•	•	•		•
-172	•		•	•	•	•	•	•	•	•		•
-174	•		•	•	•	•	•	•	•	•	•	•

\* except 1-1/2 HP

\*\* includes factory installed Copeland PerformanceAlert™ module

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