

Copelametic™ air-cooled condensing units

Capacity Data

R-22 Med Temp/High Temp

Copeland air-cooled condensing units

Unit Model	Compressor	-5	0	5	10	15	20	25	30	35	40	45
100° Ambient												
C8AJ-0100	KAR*-01*E		4610	5230	5900	6620	7400	8210	9070	9960	10900	11800
C3AH-0100	KAR*-0100		4630	5260	5940	6670	7450	8280	9150	10100	11000	12000
C3AM-0100	KAM1-0100		4960	5690	6450	7260	8120	9040				
C3AM-0101	KAM*-0100		5210	5970	6780	7630	8540	9510				
C3AH-0150	KAG*-0150		5640	6490	7380	8310	9310	10400	11500	12700	13900	15200
C3AH-0203	ERA*-0200		4590	5920	7300	8770	10300	11900	13500	15200	16900	18700
C3AH-0204	KAKA-0200		7160	8540	9900	11200	12600	14000	15400	16900	18500	20200
C8AJ-0200	KAK*-02*E		7160	8540	9900	11200	12600	14000	15400	16900	18500	20200
C3AM-0203	KAKA-0200	5760	7180	8580	9940	11300	12660	14070				
C3AM-0202	ERC2-0200	7250	8260	9400	10600	12000	13500	15100				
C8AM-0202	ERCA-02*E	7290	8350	9550	10800	12200	13700	15300				
C3AH-0303	ERF*-03*0		13470	15340	17350	19520	21830	24300	26910	29680	32600	35640
C8AJ-0300	ERFA-031E		13470	15340	17350	19520	21830	24300	26910	29680	32600	35640
CFDP-0451	2DC3R53KE	17200	20300	23600	27000	30600	34400	38500	42700	47200	51900	56900
CFDP-0501	2DA3F23KE	20400	23800	27500	31300	35300	39500	43900	48600	53400	58500	63800
CFDP-0751	2DA3R89KE	29100	34500	40100	45800	51700	57700	63900	70200	76800	83600	90500
CFDP-1001	3DB3R12ME	51400	57900	64900	72300	80200	88700	97600	107100	117200	127800	139000
110° Ambient												
C8AJ-0100	KAR*-01*E		4150	4740	5370	6050	6780	7540				
C3AH-0100	KAR*-0100		4180	4770	5410	6090	6830	7610	8420			
C3AM-0100	KAM1-0100		4500	5190	5900	6660	7480	8350				
C3AM-0101	KAM*-0100		4730	5430	6180	6980	7830	8750				
C3AH-0150	KAG*-0150		5170	5960	6780	7650	8580	9560	10600			
C3AH-0203	ERA*-0200		3680	4840	6060	7360	8720	10100	11600	13100		
C3AH-0204	KAKA-0200		6440	7800	9100	10400	11700	13000	14300			
C8AJ-0200	KAK*-02*E		6440	7800	9100	10400	11700	13000	14300			
C3AM-0203	KAKA-0200	5060	6470	7830	9140	10440	11730	13040				
C3AM-0202	ERC2-0200	6510	7420	8460	9580	10800	12200	13800				
C8AM-0202	ERCA-02*E	6560	7560	8670	9870	11200	12500	14000				
C3AH-0303	ERF*-03*0		12190	13910	15740	17720	19840	22090	24490	27020	29700	32500
C8AJ-0300	ERFA-031E		12190	13910	15740	17720	19840	22090	24490	27020	29700	32500
CFDP-0451	2DC3R53KE		18000	21200	24500	27900	31600	35400	39400	43600		
CFDP-0501	2DA3F23KE			25000	28600	32400	36400	40500	44900			
CFDP-0751	2DA3R89KE			36100	41600	47300	53000	58900	64900			
CFDP-1001	3DB3R12ME		53700	60300	67300	74800	82700	91200	100100	109500	119500	130100

Capacities rated at 65°F return gas, 5°F subcooling

Physical and Electrical Data

Copelametic™ air-cooled condensing units

Models	BOM	Compressor Electrical	Length	Width	Height	Liquid Connection	Suction Connection
CFDP-0451-TFC	001	2DC3R53KE-TFC	38.38	30	29.09	5/8 S	1-3/8 S
CFDP-0451-TFD	001	2DA3F23KE-TFD	38.38	30	29.09	5/8 S	1-3/8 S
CFDP-0500-TFC	001	3DA3F28KE-TFC	44.88	36	30.73	5/8 S	1-3/8 S
CFDP-0500-TFD	001	3DA3F28KE-TFD	44.88	36	30.73	5/8 S	1-3/8 S
CFDP-0501-TFC	001	2DA3F23KE-TFC	38.38	30	29.09	5/8 S	1-3/8 S
CFDP-0501-TFD	001	2DA3F23KE-TFD	38.38	30	29.09	5/8 S	1-3/8 S
CFDP-0550-TFC	001	3DB3F33KE-TFC	44.88	36	30.73	5/8 S	1-3/8 S
CFDP-0550-TFD	001	3DB3F33KE-TFD	44.88	36	30.73	5/8 S	1-3/8 S
CFDP-0550-TFE	001	3DB3F33KE-TFE	44.88	36	30.73	5/8 S	1-3/8 S
CFDP-0600-TFC	001	3DF3F40KE-TFC	66.9	39.13	36.26	7/8 S	1-3/8 S
CFDP-0600-TFD	001	3DF3F40KE-TFD	66	39.11	36.26	7/8 S	1-3/8 S
CFDP-0700-TFC	001	3DS3F46KE-TFC	66.9	39.13	36.26	7/8 S	1-3/8 S
CFDP-0700-TFD	001	3DS3F46KE-TFD	66	39.11	36.26	7/8 S	1-3/8 S
CFDP-0751-TFC	001	2DA3R89KE-TFC	44.88	36	31	5/8 S	1-3/8 S
CFDP-1001-TFC	001	3DB3R12ME-TFC	66.9	39.13	36.26	7/8 S	1-3/8 S
CJAL-0100-TAD	001	KAJA-011E-TAD	33.38	20	19.06	3/8 S	5/8 S
CJAL-0150-CAV	072	KALB-015E-CAV	33.58	20	19.06	3/8 S	7/8 S
CJAL-0151-CAB	072	EADB-021E-CAB	33.58	19.05	20	3/8 S	7/8 S
CJAL-0152-TAD	001	KALA-016E-TAD	33.38	20	19.06	3/8 S	7/8 S
CJAL-0200-TAE	001	EAVA-021E-TAE	33.38	20	19.06	1/2 S	7/8 S
CJAL-0300-CAB	001	LAHB-032E-CAB	38.38	30	29.09	1/2 S	1-1/8 S
CJAL-0300-TAC	001	LAHA-032E-TAC	38.31	30	29.12	1/2 S	1-1/8 S
CJAL-0300-TAD	001	LAHA-032E-TAD	38.31	30	29.12	1/2 S	1-1/8 S
CJAL-0300-TAE	001	LAHA-032E-TAE	38.32	30	29.12	1/2 S	1-1/8 S
CJAM-0076-CAV	001	KANB-007E-CAV	33.28	20	19.08	3/8 S	5/8 S
CJAU-0503-TFC	001	9TK2-050E-TFC	46.22	37.57	31.04	5/8 S	7/8 S
CLAL-0152-CAB	001	EADB-0200-CAB	33.38	20	19.06	1/2 S	7/8 S
CLAL-0300-TAC	001	LAHA-0310-TAC	38.38	30	29.09	1/2 S	1-1/8 S
CLAL-0300-TAD	001	LAHA-0310-TAD	38.38	30	29.09	1/2 S	1-1/8 S
CNAG-0076-CAV	001	KAMB-007E-CAV	33.3	20	19.1	3/8 S	5/8 S
CNAG-0100-CAV	001	KAJB-010E-CAV	33.38	20	19.06	3/8 S	5/8 S
CNAG-0100-TAC	001	KAJA-011E-TAC	33.38	20	19.06	3/8 S	5/8 S
CNAG-0200-TAC	001	EAVA-021E-TAC	33.38	20	19.06	1/2 S	7/8 S
CPAK-0150-CAV	001	KALB-015E-CAV	33.38	20	19.06	1/2 S	7/8 S
CTAH-0150-TAC	020	KALA-016E-TAC	33.38	20	19.06	3/8 S	7/8 S
CTAM-0300-TAC	001	LAHA-031E-TAC	38.38	30	29.09	1/2 S	1-1/8 S