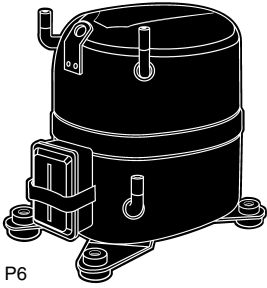
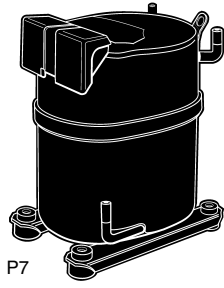


# COPELAND HERMETIC COMPRESSORS

## COPELAND "JR, RE & RR" COMPRESSORS 11,000 - 18,300 BTUH



JR



RE,RR

"J" Compressors, 3/4 - 1 HP, for room and package terminal air conditioning. Compact in design, full load run down capability.

"R" Compressors, 1-1/4 - 1-3/4 HP for room, package terminal and small residential air conditioning.

- LOW NOISE AND VIBRATION LEVELS
- CENTRIFUGAL OIL PUMP
- FOR HEAT PUMP, AIR CONDITIONING DUTY AND REFRIGERATION DUTY AS INDICATED

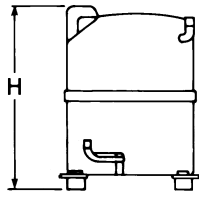
COMPRESSOR MODEL P/N	COMPRESSOR BILL OF MATERIAL	CAPACITY BTUH	APPLICATION	VOLTS PHASE	COMPRESSOR P/N	RLA	LRA
<b>60 HERTZ MODELS</b>							
JRL4-0100-PAV	945	11,000	AC/HP	208/230-1	<b>P021-1121</b>	6.2	25.0
RS70C1-PFV	900	13,400	AC/HP	208/230-1	<b>P021-1521</b>	7.0	34.2
RR14K1-PFV	945	15,200	AC/HP	208/230-1	<b>P021-1524</b>	8.5	40.0
RR14K1-PFJ	946	15,400	AC/HP	265-1	<b>P021-1591</b>	6.9	35.0
RR16K1-PFV	900	16,830	AC/HP	208/230-1	<b>P021-2126</b>	9.3	43.3
RR16K1-PFJ	945	17,000	AC/HP	265-1	<b>P021-1791</b>	7.4	36.0
RR16K1-PFV	971	17,000	AC/HP	208/230-1	<b>P021-1721</b>	9.5	43.3
RR16K1-PFV	945	17,000	AC/HP	208/230-1	<b>P021-1722</b>	9.5	43.3
RR17K1-PFJ	900	18,300	AC/HP	265-1	<b>P021-1891</b>	7.8	48.2
RR17K1-PFV	945	18,300	AC/HP	208/230-1	<b>P021-1828</b>	10.4	48.2
RR17K1-PFV	900	18,300	AC/HP	208/230-1	<b>P021-2123</b>	10.3	48.2

CAPACITY RATINGS ARE FOR AIR CONDITIONING APPLICATIONS:

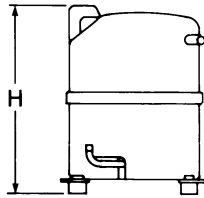
Evaporator Temperature 45° F, Condenser Temperature 130° F, Liquid Temperature 115° F, Return Gas Temperature 65° F, Ambient Temperature 95° F.

♦♦ Superseded: Limited to stock on hand 04/03.

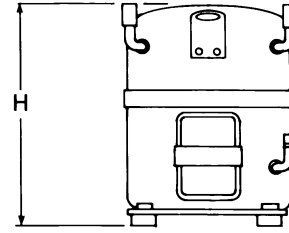
# COPELAND HERMETIC COMPRESSORS



**201A**

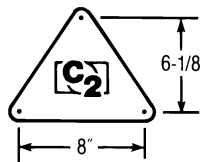
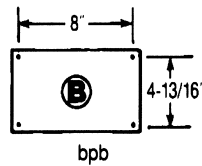
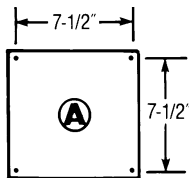


**201B**



**208A**

(H) SHELL HEIGHT	SUCT. TUBE I.D.	DISC. TUBE I.D.	MTG. ARR.	COMPR. DWG.	START CAPACITOR		START RELAY P/N	RUN CAPACITOR	
					MFD/VOLTS	P/N		MFD/VOLTS	P/N
9.7	3/8	1/4	DB	208A	43-53/320	<b>P281-4306</b>	<b>P283-9921</b>	20/370	<b>P291-2003</b>
11.5	1/2	5/16	B	201B	88-108/250	<b>P281-8805</b>	<b>P283-9915</b>	25/370	<b>P291-2503</b>
11.5	1/2	5/16	A	201A	43-53/320	<b>P281-4306</b>	<b>P283-9921</b>	25/370	<b>P291-2503</b>
11.5	1/2	5/16	B	201A	108-130/330	<b>P281-1086</b>	<b>P283-9915</b>	25/370	<b>P291-2503</b>
11.5	1/2	1/4	B	201A	88-108/330	<b>P281-8806</b>	<b>P283-9915</b>	25/440	<b>P291-2504</b>
11.7	1/2	5/16	C2	201A	43-53/320	<b>P281-4306</b>	<b>P283-9923</b>	25/440	<b>P291-2504</b>
11.7	1/2	5/16	A	201A	43-53/320	<b>P281-4306</b>	<b>P283-9921</b>	25/370	<b>P291-2503</b>
11.7	1/2	5/16	C2	201A	43-53/320	<b>P281-4306</b>	<b>P283-9921</b>	25/370	<b>P291-2503</b>
12.0	1/2	5/16	B	201A	72-88/330	<b>P281-7206</b>	<b>P283-9915</b>	30/440	<b>P291-3004</b>
11.5	1/2	5/16	A	201A	43-53/320	<b>P281-4306</b>	<b>P283-9921</b>	30/370	<b>P291-3003</b>
12.0	1/2	5/16	B	201A	75-90/330	<b>P281-7506</b>	<b>P283-9915</b>	30/370	<b>P291-3003</b>

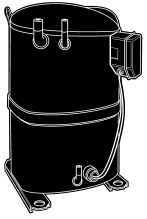


**(DB)** = DETACHABLE  
BASE

REPLACEMENT BASES N.L.A.  
FROM COPELAND

# COPELAND HERMETIC COMPRESSORS

## COPELAND "CR" COMPRESSORS 16,000 - 41,900 BTUH (60 HZ)



P8

"C" Compressors for large room, residential, and light commercial air conditioning.

- \* HIGH EFFICIENCY, UNSURPASSED RELIABILITY, OUTSTANDING HEAT PUMP PERFORMANCE
- \* INTERNAL PRESSURE RELIEF VALVE
- \* RINGED PISTONS
- \* STANDARD RUN CAPACITANCE
- \* START WINDING MOTOR PROTECTION ON SINGLE PHASE MODELS
- \* FOR HEAT PUMP AND AIR CONDITIONING DUTY

COMPRESSOR MODEL P/N	COMPRESSOR BILL OF MATERIAL	CAPACITY BTUH	APPLICATION	VOLTS-PHASE 60 HZ	COMPRESSOR P/N	RLA	LRA
CR16K6-PFV	920	16,000	AC/HP	208/230-1	P021-1622	9.6	49.0
CR16K6-PFJ	34B0042N02(CM)	16,300	AC/HP	265-1	P021-1693	9.0	44.0
CR16K6-PFV-830	GB10HF009	16,300	AC/HP	208/230-1	P021-1626P	9.6	49.0
CR18K6-PFV	960	18,000	AC/HP	208/230-1	P021-1820	10.4	49.0
CR18K6-PFV-830	GB10JF008	18,000	AC/HP	200/230-1	P021-18212P	10.4	49.0
CR18K6-PFV-878	GB10JF009	18,000	AC/HP	208/230-1	P021-18213P	10.4	49.0
CR20KFPFV	970	19,000	AC/HP	208/230-1	P021-1922	10.9	56.0
CF20K6-PFV	34B0043N01(CM)	19,600	AC/HP	208/230-1	P021-1923	10.9	56.0
CR22K6-PFV	960	22,000	AC/HP	208/230-1	P021-2224	10.9	56.0
CR22K6-TF5	34B0043N03(CM)	22,000	AC/HP	200/230-3	P021-2252	7.5	51.0
CR22K6-TFD	34B0043N04(CM)	22,000	AC/HP	460-3	P021-2272	3.9	25.0
CF22K6-PFJ	34B0043N06(CM)	22,100	AC/HP	265-1	P021-2292	9.9	55.0
CR22K6-PFV-830	GB10LG005	22,100	AC/HP	208/230-1	P021-22210P	10.9	56.0
CR24K6-TF5	68832728(CM)	24,000	AC/HP	200/230-3	P021-2451	7.7	55.0
CR24K6TFD	960	24,000	AC/HP	460-3	P021-2471	4.0	28.0
CR24K6-PFV	960	24,500	AC/HP	208/230-1	P021-2521	12.4	61.0
CR24K6-PFJ	68832726(CM)	24,500	AC/HP	265-1	P021-2491	10.9	58.0
CR24K6-PFV-830	GB10MF020	24,500	AC/HP	208/230-1	P021-24211P	12.4	61.0
CR28K6-PFV-877	GB10M019	24,500	AC/HP	208/230-1	P021-24213P	12.4	61.0
CRE2-0225-PFN	930	27,800	AC/HP	208-230-1	P021-2725	15.3	65.0
CR28K6-TF5	960	28,100	AC/HP	200/230-3	P021-2851	10.0	68.0
CR28K6-TFD	960	28,100	AC/HP	460-3	P021-2871	4.8	34.0
CR28K6-TF5-830	GB10MB004	28,100	AC/HP	200/230-3	P021-2853P	10.0	68.0
CR28K6-TF5-877	GB10MB003	28,100	AC/HP	200/230-3	P021-2854P	10.0	68.0
CR28K6-PFV	960	28,200	AC/HP	200/230-1	P021-2823	15.3	75.0
CR28K6-PFV-877	GB10PF004	28,200	AC/HP	208/230-1	P021-28211P	15.3	75.0
CRF4-0250-PFV	930	29,800	AC/HP	208/230-1	P021-2922	17.1	69.0
CR30K6-TF5	970	29,800	AC/HP	200/230-3	P021-3051	10.4	65.5
CR30K6-PFV	960	30,000	AC/HP	208/230-1	P021-3028	16.0	82.0
CR30K6-PFV-877	GB10QF003	30,000	AC/HP	208/230-1	P021-30212P	16.0	82.0
CR32K6-TF5-830	GB10RV002	31,900	AC/HP	200/230-3	P021-3523P	10.0	70.0
CR32K6-TFD-830	GB10RK003	31,900	AC/HP	460-3	P021-3274P	5.1	33.0
CR32K6-PFV	960	32,000	AC/HP	208/230-1	P021-3221	16.1	82.0
CR32K6-PFV-830	GB10RF003	32,000	AC/HP	208/230-1	P021-3226P	16.1	82.0
CR32K6-TF5	920	32,000	AC/HP	208/230-3	P021-3251	10.0	70.0
CR32K6-TFD	920	32,000	AC/HP	460-3	P021-3272	5.1	33.0
CF32K6-PFJ	34B0045N02(CM)	32,000	AC/HP	265-1	P021-3291	15.0	83.0
CTHI-0275-CSV	960	34,000	AC/HP	208/230-1	P021-3422	**	17.6
CR35K6-PFV-877	GB10TF004	35,000	AC/HP	208/230-1	P021-3522P	18.0	96.0
CR38K6-PFV-877	GB10UF009	38,200	AC/HP	208/230-1	P021-3824P	19.0	105.0
CR42K6-TFD-877	GB10WK008	41,700	AC/HP	460-3	P021-4274P	6.4	42.0
CR42K6-PFV-830	GB10WV002	41,700	AC/HP	200/230-3	P021-4257P	14.1	91.0
CR42K6-PFV-877	GB10WF003	41,900	AC/HP	208/230-1	P021-4229P	20.4	102.0

CAPACITY RATINGS ARE FOR AIR CONDITIONING APPLICATIONS:

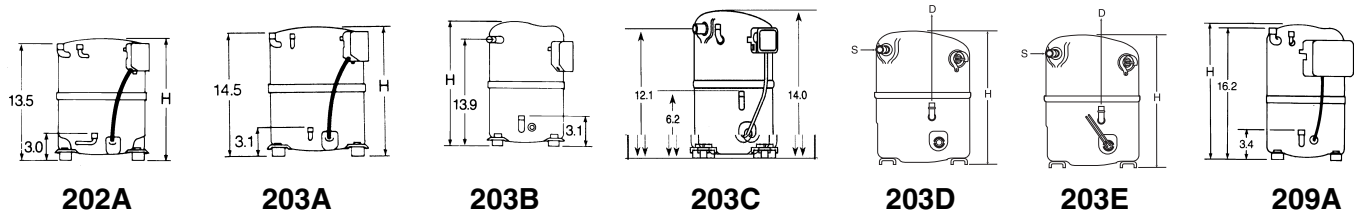
Evaporator Temperature 45° F, Condenser Temperature 130° F, Liquid Temperature 115° F, Return Gas Temperature 65° F, Ambient Temperature 95° F.

\*\* VARIABLE SPEED.

## COPELAND "CR" COMPRESSORS 18,500 - 35,200 BTUH (50 Hz)

COMPRESSOR MODEL P/N	COMPRESSOR BILL OF MATERIAL	CAPACITY BTUH	APPLICATION	VOLTS-PHASE 50 HZ	COMPRESSOR P/N	RLA	LRA
CR22K6-PFJ-830	GB10LX003	18,500	AC/HP	220/240	P050-1822P	9.9	55.0
CR32K6-PFZ-877	GB10RX003	26,200	AC/HP	220/240	P050-2621P	13.9	71.0
CR42K6-PFZ-877	GB10TQ003	35,200	AC/HP	220/240	P050-3521P	17.7	104.0

# COPELAND HERMETIC COMPRESSORS

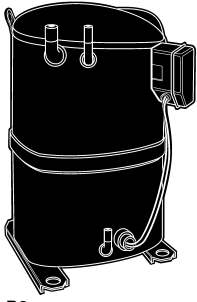


(H) SHELL HEIGHT	SUCT. TUBE I.D.	DISC. TUBE I.D.	MTG. ARR.	COMPR. DWG.	START CAPACITOR		START RELAY P/N	RUN CAPACITOR	
					MFD/VOLTS	P/N		MFD/VOLTS	P/N
13.2	3/4	1/2	A	203B	145-175/250	P281-1455	P283-9923	25/370	P291-2503
13.2	3/4	3/8	A	203B	88-108-330	P281-8806	P283-9929	24/370	P291-2503
13.2	3/4 H	3/8 U	A	203D	145-174/220	P281-1455	P283-9923	25/370	P291-2503
13.2	3/4	3/8	A	203B	145-175/250	P281-1455	P283-9923	25/370	P291-2503
13.2	3/4 H	3/8 U	A	203D	145-174/250	P281-1455	P283-9923	25/370	P291-2503
13.2	3/4	3/8	A	203D	145-174/250	P281-1455	P283-9923	25/370	P291-2503
13.3	3/4	3/8	A	203C	145-175/250	P281-1455	P283-9923	30/370	P291-3003
13.3	3/4	3/8	A	203B	145-174-250	P281-1455	P283-9931	30/370	P291-3003
13.8	3/4	1/2	A	203B	145-175/250	P281-1455	P283-9923	30/370	P291-3003
13.3	3/4	3/8	A	203B	—	—	—	—	—
13.4	3/4	3/8	A	203B	—	—	—	—	—
13.3	3/4	3/8	A	203B	—	—	—	—	—
13.3	3/4 H	3.8 U	A	203D	145-174/220	P281-1455	P283-9921	30/370	P291-3003
13.5	3/4	3/8	A	203B	—	—	—	—	—
13.4	3/4	3/8	A	203C	—	N/R	N/R	—	N/R
13.4	3/4	3/8	A	203B	145-175/250	P281-1455	P283-9923	35/370	P291-3503
13.5	3/4	3/8	A	203B	—	—	—	35/440	P291-3504
13.4	3/4 H	3/8 U	A	203D	145-174/250	P281-1455	P283-1455	35/370	P291-3503
13.4	3/4	3/8	A	203D	145-174/250	P281-1456	P283-9924	35/370	P291-3503
14.0	5/8	3/8	B	202A	—	P281-1455	P283-9923	35/379	P291-3503
13.5	3/4	1/2	A	209A	—	—	—	—	—
13.5	3/4	1/2	A	203A	—	—	—	—	—
13.6	3/4 H	1/2 U	A	203D	—	—	—	—	—
13.6	3/4	1/2	A	203D	—	—	—	—	—
13.8	3/4	1/2	A	203B	145-175	P281-1455	P283-9921	35/370	P291-3503
13.6	3/4 H	1/2 U	A	203E	145-174/220	P281-1455	P283-1455	35/370	P291-3503
14.0	3/4	3/8	A	202A	145-175/250	P281-1455	P283-9923	35/370	P291-3503
14.8	3/4	3/8	A	203B	145-175/250	P281-1455	P283-9923	35/370	P291-3503
13.8	3/4	3/8	A	203C	145-175/250	P281-1455	P283-1934	35/370	P291-3503
13.8	3/4 H	1/2 U	A	203E	145-174/250	P281-1455	P283-9923	35/370	P291-3503
13.8	3/4 H	1/2 U	A	203D	—	—	—	—	—
13.8	3/4 H	1/2 U	A	203D	—	—	—	—	—
14.1	3/4	1/2	A	203B	145-175/250	P281-1455	P283-9918	35/370	P291-3503
13.8	3/4 H	1/2 U	A	203D	145-174/250	P281-1455	P283-9922	35/440	P291-3504
14.1	3/4	1/2	A	203B	—	—	—	—	—
14.1	3/4	1/2	A	203B	—	—	—	—	—
13.8	3/4	1/2	A	203B	—	—	—	35/440	P291-3504
17.0	7/8	1/2	A	209A	145-175/330	P281-1456	P283-9912	35/440	P291-3504
14.1	3/4 H	1/2 U	A	203E	189-227/330	P281-1896	P283-9923	40/370	P291-4003
14.3	3/4 H	1/2 U	A	203E	189-227/330	P281-1896	P283-9921	40/440	P291-4004
14.6	3/4 H	1/2 U	A	203E	—	—	—	—	—
14.6	3/4 H	1/2 U	A	203D	—	—	—	—	—
14.6	3/4 H	1/2 U	A	203E	189-227/330	P281-1896	P283-9922	40/440	P291-4004

(H) SHELL HEIGHT	SUCT. TUBE I.D.	DISC. TUBE I.D.	MTG. ARR.	COMPR. DWG.	START CAPACITOR		START RELAY P/N	RUN CAPACITOR	
					MFD/VOLTS	P/N		MFD/VOLTS	P/N
13.3	3/4 H	1/2 U	A	203D	135-155/330	P281-1356	P283-9935	30/370	P291-3003
14.1	3/4 H	1/2 U	A	203D	—	—	—	—	—
14.8	3/4 H	1/2 U	A	203D	189-227/330	P281-1896	P283-9921	60/370	P291-3003 (2 in parallel)

# COPELAND HERMETIC COMPRESSORS

## COPELAND "CR, CT" COMPRESSORS 22,500 - 63,300 BTUH



P8

"C" Compressors for large room, residential, and light commercial air conditioning.

- HIGH EFFICIENCY, UNSURPASSED RELIABILITY, OUTSTANDING HEAT PUMP PERFORMANCE
- INTERNAL PRESSURE RELIEF VALVE
- RINGED PISTONS
- STANDARD RUN CAPACITANCE
- START WINDING MOTOR PROTECTION ON SINGLE PHASE MODELS
- FOR HEAT PUMP AND AIR CONDITIONING DUTY

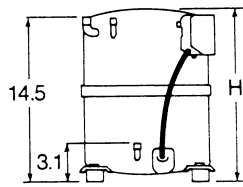
COMPRESSOR MODEL P/N	COMPRESSOR BILL OF MATERIAL	CAPACITY* BTUH	APPLICATION	VOLTS-PHASE 60 HZ	COMPRESSOR P/N	RLA	LRA
CR34KQ-TF5		33,900	AC/HP	200/230-3	<b>P021-3352</b>	11.8	67.0
CR35K6-TFD	960	34,800	AC/HP	460-3	<b>P021-3571</b>	4.8	40.0
CR35K6-TFE	970	34,900	AC/HP	575-3	<b>P021-3482</b>	4.1	31.0
CR35K6-TF5	960	34,900	AC/HP	200/230-3	<b>P021-3551</b>	11.4	75.0
CR35K6-PFV	960	35,000	AC/HP	208/230-1	<b>P021-3521</b>	18.0	96.0
CR38K6-PFV	960	38,000	AC/HP	208/230-1	<b>P021-3821</b>	19.0	105
CR38K6-TF5	920	38,000	AC/HP	208/230-3	<b>P021-3851</b>	11.9	78.0
CR38K6-TFD	960	38,100	AC/HP	460-3	<b>P021-3871</b>	5.9	42.0
CR42K6-TFE	960	41,700	AC/HP	575-3	<b>P021-4182</b>	5.2	39
CR42K6-TF5	960	41,700	AC/HP	200/230-3	<b>P021-4253</b>	14.0	91.0
CR42K6-TFD	960	41,700	AC/HP	460-3	<b>P021-4272</b>	6.4	42.0
CR42K6-PFV	960	41,900	AC/HP	208/230-1	<b>P021-4226</b>	20.4	102.0
CR47KQ-TF5	960	47,200	AC/HP	200/230-3	<b>P021-4752</b>	16.0	97.0
CR47KQ-TFD	960	47,200	AC/HP	460-3	<b>P021-4772</b>	8.2	50.0
CR47KQ-PFV	960	47,500	AC/HP	208/230-1	<b>P021-4722</b>	24.6	132.0
CTL1-0350-CSV	960	48,800	AC/HP	208/230-1	<b>P021-4922</b>	** 21.6	120.0
CR53KQ-TFS	960	53,200	AC/HP	200/230-1	<b>P021-5353</b>	18.0	107.0
CR53KQ-TFD	960	53,200	AC/HP	460-3	<b>P021-5374</b>	9.1	55.0
CR53KQ-PFV	960	53,700	AC/HP	208/230-1	<b>P021-5323</b>	29.0	140.0
CTM1-0400-CSV	960	55,300	AC/HP	208/230-1	<b>P021-5522</b>	** 30.8	14.1
CRT5-0450-PFV	961	55,300	AC/HP	208/230-1	<b>P021-5521</b>	30.7	135.0
CRT5-0450-TF5	961	55,600	AC/HP	208/230-3	<b>P021-5551</b>	19.6	105.0
CRT5-0450-TFD	961	55,600	AC/HP	460-3	<b>P021-5571</b>	10.4	55.0
CRP5-0450-PFV	960	58,300	AC/HP	208/230-1	<b>P021-5821</b>	30.7	135.0
CRP5-0450-TFE	960	58,400	AC/HP	575-3	<b>P021-5881</b>	6.4	45.0
CRP5-0450-TF5	960	58,600	AC/HP	200/230-3	<b>P021-5851</b>	19.6	105.0
CRP5-0450-TFD	960	58,600	AC/HP	460-3	<b>P021-5871</b>	10.4	55.0
CRN5-0500-PFV	960	59,900	AC/HP	208/230-1	<b>P021-6023</b>	34.3	175.0
CRN5-0500-TFD	960	59,900	AC/HP	460-3	<b>P021-6072</b>	9.6	65.0
CRN5-0500-TFE	960	59,900	AC/HP	575-3	<b>P021-6081</b>	7.9	52.0
CRN5-0500-TF5	960	63,300	AC/HP	200/230-3	<b>P021-6351</b>	21.4	130.0

\*CAPACITY RATINGS ARE FOR AIR CONDITIONING APPLICATIONS:

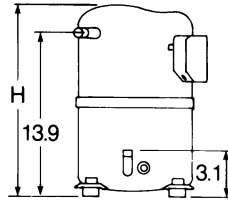
Evaporator Temperature 45°F, Condenser Temperature 130°F, Liquid Temperature 115°F, Return Gas Temperature 65°F, Ambient Temperature 95°F.

\*\*TWO SPEED.

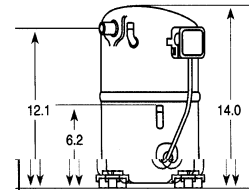
# COPELAND HERMETIC COMPRESSORS



**203A**

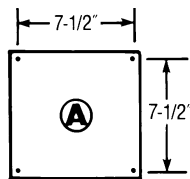


**203B**



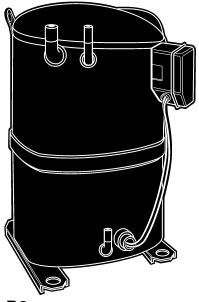
**203C**

(H) SHELL HEIGHT	SUCT. TUBE I.D.	DISC. TUBE I.D.	MTG. ARR.	COMPR. DWG.	START CAPACITOR		START RELAY P/N	RUN CAPACITOR	
					MFD/VOLTS	P/N		MFD/VOLTS	P/N
14.0	3/4	3/8	A	203A	—	—	—	—	—
14.0	3/4	1/2	A	203C	—	—	—	—	—
14.1	3/4	1/2	A	203B	—	—	—	—	—
14.0	3/4	1/2	A	203C	88-108/330	—	—	—	—
14.1	3/4	1/2	A	203B	189-227/330	<b>P281-1896</b>	<b>P283-9923</b>	40/370	<b>P291-4003</b>
14.6	3/4	1/2	A	203B	189-227/330	<b>P281-1896</b>	<b>P283-9915</b>	45/440	<b>P291-4554</b>
14.3	3/4	1/2	A	203B	—	—	—	—	—
15.0	3/4	1/2	A	203B	—	—	—	—	—
14.3	3/4	1/2	A	203B	—	—	—	—	—
14.3	3/4	1/2	A	203A	—	—	—	—	—
14.3	3/4	1/2	A	203A	—	—	—	—	—
14.3	3/4	1/2	A	203C	—	<b>P281-6404</b>	—	40/440	<b>P291-4004</b>
14.8	7/8	1/2	A	203A	—	—	—	—	—
14.8	7/8	1/2	A	203A	—	—	—	—	—
14.8	7/8	1/2	A	203A	489-237/330	<b>P281-1896</b>	<b>P283-9915</b>	45/440	<b>P291-4554</b>
16.6	7/8	1/2	A	203A	145-175/330	<b>P281-1456</b>	<b>P283-9918</b>	45/440	<b>P291-4504</b>
14.8	7/8	1/2	A	203A	—	—	—	—	—
14.8	7/8	1/2	A	203A	—	—	—	—	—
14.8	7/8	1/2	A	203A	189-227/330	<b>P281-1896</b>	<b>P283-9915</b>	60/440	<b>P291-3004</b>
17.0	7/8	1/2	A	203A	—	—	<b>P283-9914</b>	50/440	<b>P291-5004</b>
15.8	7/8	1/2	A	203B	64-77/320	<b>P281-6406</b>	<b>P283-9915</b>	45/440	<b>P291-4504</b>
15.9	7/8	1/2	A	203B	—	—	—	—	—
19.9	7/8	1/2	A	203B	—	—	—	—	—
16.5	7/8	1/2	A	203A	189-227/330	<b>P281-1896</b>	<b>P283-9915</b>	45/440	<b>P291-4504</b>
16.2	7/8	1/2	A	203A	—	—	—	—	—
16.2	7/8	1/2	A	203A	—	—	—	—	—
16.2	7/8	1/2	A	203A	—	—	—	—	—
16.5	7/8	1/2	A	203A	108-130/330	<b>P281-1086</b>	<b>P283-9915</b>	55/440	<b>P291-5504</b>
16.5	7/8	1/2	A	203A	—	—	—	—	—
16.5	7/8	1/2	A	203A	—	—	—	—	—
16.2	7/8	1/2	A	203A	—	—	—	—	—



# COPELAND HERMETIC COMPRESSORS

## COPELAND CR COMPRESSORS USING R-407C ALTERNATE REFRIGERANT



P8

“C” Compressors for large room, residential, and light commercial air conditioning.

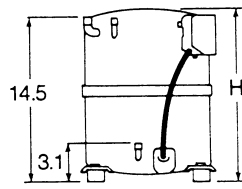
- HIGH EFFICIENCY, UNSURPASSED RELIABILITY, OUTSTANDING HEAT PUMP PERFORMANCE
- INTERNAL PRESSURE RELIEF VALVE
- RINGED PISTONS
- STANDARD RUN CAPACITANCE
- START WINDING MOTOR PROTECTION ON SINGLE PHASE MODELS
- FOR HEAT PUMP AND AIR CONDITIONING DUTY

COMPRESSOR MODEL P/N	COMPRESSOR BILL OF MATERIAL	CAPACITY* BTUH	APPLICATION	VOLTS-PHASE 60 HZ	COMPRESSOR P/N	RLA	LRA
CR28KQE-TFD-240AA	34B0044N02	22,500	AC/HP	460-3	<b>P021-2273</b>	6.8	25.0
CR30KQE-TFD-240AA	34B0046N06(C	28,800	AC/HP	460-3	<b>P021-2872</b>	4.7	32.0
CR36KQE-TFD280AA	34B0026N05(C	35,200	AC/HP	460-3	<b>P021-3572</b>	4.8	34.5
CR41KQE-TFD-208AE	34B0027N05	40,200	AC/HP	460-3	<b>P021-4074</b>	5.6	42.0

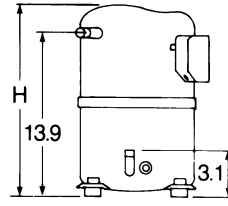
\*CAPACITY RATINGS ARE FOR AIR CONDITIONING APPLICATIONS:

Evaporator Temperature 45°F, Condenser Temperature 130°F, Liquid Temperature 115°F, Return Gas Temperature 65°F, Ambient Temperature 95°F.

# COPELAND HERMETIC COMPRESSORS

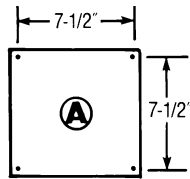


**203A**



**203B**

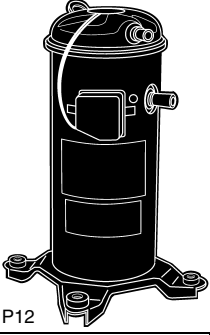
(H) SHELL HEIGHT	SUCT. TUBE I.D.	DISC. TUBE I.D.	MTG. ARR.	COMPR. DWG.	START CAPACITOR		START RELAY P/N	RUN CAPACITOR	
					MFD/VOLTS	P/N		MFD/VOLTS	P/N
13.4	5/8	3/8	A	203A	—	—	—	—	—
14.1	5/8	3/8	A	203B	—	—	—	—	—
14.3	3/4	3/8	A	203B	—	—	—	—	—
14.6	3/4	3/8	A	203B	—	—	—	—	—





# COPELAND HERMETIC COMPRESSORS

## COPELAND "ZR" (SCROLL) 16,500 - 57,500 BTUH



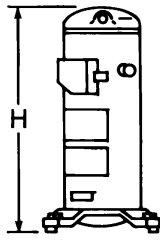
- ZR's FOR HIGH EFFICIENCY - 11.0 PLUS
- LOW NOISE AND VIBRATION LEVELS
- INHERENT MOTOR PROTECTION
- CENTRIFUGAL OIL PUMP
- FOR HEAT PUMP AND AIR CONDITIONING DUTY

P12

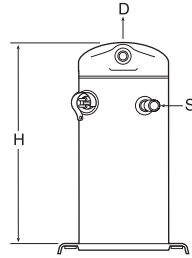
COMPRESSOR MODEL PIN	COMPRESSOR BILL OF MATERIAL	CAPACITY* BTUH	APPLICATION	VOLTS-PHASE 60 HZ	COMPRESSOR P/N	RLA	LRA
ZR16K4-PFV	930	16,500	AC/HP	208/230-1	P021-1625	10.0	41.0
ZR16K4-PFV-830	GC10HF002	16,500	AC/HP	208/230-1	P021-1627P	10.0	41.0
ZR18K4-PFV-930	GC10JF005	18,000	AC/HP	208/230-1	P021-18210	10.7	44.9
ZR18K4-PFV-830	GC10JF007	18,000	AC/HP	208/230-1	P021-18211P	10.7	44.9
ZP20K3-PFV-830	GC10KF001	20,300	AC/HP	208/230-1	P021-2021P	14.3	60.0
ZR22K4-PFV-930	GC10LF004	22,000	AC/HP	208/230-1	P021-2228	12.1	54.0
ZR22K4-PFJ	34B0005N02	22,000	AC/HP	265-1	P021-2291	10.0	55.0
ZR22K4-PFV-830	GC10LF007	22,000	AC/HP	208/230-1	P021-2229P	12.1	54.0
ZR22K3-TF5	34B005N03	22,100	AC/HP	200/230-3	P021-2251	7.9	45.0
ZR22K3-TFD	34B0005N04	22,100	AC/HP	460-3	P021-2271	3.9	22.4
ZR22K3-PFV-830	GC10LF006	22,400	AC/HP	208/230-1	P021-22211P	40.0	56.0
ZR24K4-PFV	930	24,000	AC/HP	208/230-1	P021-2429	13.2	59.0
ZR24K4-PFV-930	GC10MF007	24,000	AC/HP	208/230-1	P021-24210	13.6	63.0
ZR24K4-PFV-830	GC10MF014	24,100	AC/HP	208/230-1	P021-24212P	13.6	63.0
ZR26K4-PFV-830	GC10NF009	26,000	AC/HP	208/230-1	P021-2626P	15.7	68.0
ZR26K3-PFJ	34B0006N02	26,200	AC/HP	265-1	P021-2691	12.1	58.0
ZR26K3-TFD	34B0006N04	26,200	AC/HP	460-3	P021-2671	4.3	27.0
ZR26K3-TF5	24B0006N03	26,500	AC/HP	208/230-3	P021-2655	8.6	55.0
ZR26K3-PFV	68832745	26,600	AC/HP	208/230-1	P021-2625	13.6	67.0
ZR28K3-PFV	930	28,500	AC/HP	208/230-1	P021-2826	15.0	72.0
ZR28K3-PFV	830	28,500	AC/HP	208/230-1	P021-2828	15.6	73.0
ZR28K3-TF5	930	28,500	AC/HP	208/230-3	P021-2852	10.0	63.0
ZR28K3-PFV-830	GC30PF008	28,500	AC/HP	208/230-1	P021-2821P	10.7	72.5
ZR30K3-PFJ	34B0007N02	30,500	AC/HP	265-1	P021-3091	14.3	76.0
ZR30K3-PFV	68832746	31,100	AC/HP	208/230-1	P021-30211	15.0	73.0
ZR30K3-TFD	70015701	31,100	AC/HP	460-3	P021-3171	5.0	31.0
ZR30K3-TF5	70015700	31,100	AC/HP	200/230-3	P021-3152	10.7	63.0
ZR34K3-PFV	830	34,000	AC/HP	208/230-1	P021-3425	15.6	93.0
ZR34K3-PFV	930	34,000	AC/HP	208/230-1	P021-3424	17.9	88.0
ZR34K3-TF5	930	34,000	AC/HP	208/230-3	P021-3452	11.4	77.0
ZR34K3-TFD	—	34,000	AC/HP	460-3	P021-3472	5.7	39.0
ZR34K3-TFE	930	34,000	AC/HP	575-3	P021-3483	4.7	31.0
ZR34K3-PFV-830	GC30SF003	34,000	AC/HP	208/230-1	P021-3426P	17.9	88.0
ZR34K3-TFD-830	GC10SK001	34,000	AC/HP	460-3	P021-3437P	5.7	39.0
ZR34K3-TF5-830	GC10SB001	34,000	AC/HP	220/230-3	P021-3453P	11.4	77.0
ZR38KA-PFV-830	GC10UF004	38,000	AC/HP	208/230	P021-3825P	21.5	104.0
ZR40K3-PFV	930	40,000	AC/HP	208/230-1	P021-4021	20.0	104.0
ZR40K3-PFV	830	40,000	AC/HP	208/230-1	P021-4022	20.0	62.5
ZR40K3-TF5	930	40,000	AC/HP	208/230-3	P021-4051	13.9	88.0
ZR40K3-TFD	930	40,000	AC/HP	460-3	P021-4071	6.7	44.0
ZR40K3-PFV-830	GC10VF004	40,000	AC/HP	208/230-1	P021-4023P	14.3	104.0
ZR40K3-TF5-830	GC30----	40,000	AC/HP	200/230-3	P021-4052P	11.4	88.0
ZR40K3-TFE	70015707	40,600	AC/HP	575-3	P021-4082	5.4	34.0
ZR42K3-PFV	—	42,000	AC/HP	208/230-1	P021-4227	20.7	12.7
ZR42K3-TF5	930	42,000	AC/HP	200/230-3	P021-4254	13.1	88.0
ZR42K3-TFD	930	42,000	AC/HP	460-3	P021-4273	7.1	44.0
ZR42K3-PFV-830	GC30GF003	42,000	AC/HP	208/230-1	P021-42210P	20.7	127.0
ZR42K3-PFV	58832748	42,800	AC/HP	208/230-1	P021-4228	20.4	109.0
ZR42K3-TF5-830	GC10WU002	42,800	AC/HP	200/230-3	P021-4258P	13.9	88.0
ZR42K3-TFD-830	GC10WK003	42,800	AC/HP	460-3	P021-4275P	7.1	44.0
ZR45KE-PFV-935	—	45,500	AC/HP	208/230-1	P021-4625	23.6	137.0
ZR45K3-PFV-835	GC30----	45,500	AC/HP	208/230-1	P021-4626P	23.6	137.0
ZR45K3-TFD	—	46,000	AC/HP	460-3 (50/60 Hz)	P021-4674	46.0	46.0
ZR45K3-TF5-935	—	46,000	AC/HP	208/230-3 (50/60 Hz)	P021-4654	14.3	91.0
ZR45K3-TFE-935	—	46,000	AC/HP	575-3	P021-4683	5.7	37.0
ZR45K3-TF5-835	GC30----	46,000	AC/HP	208/230-3	P021-4655P	14.3	91.0
ZR46K3-TF5	930	46,100	AC/HP	200/230-3	P021-4652	15.0	99.0
ZR54K3-TF5-835	—	46,000	AC/HP	208/230-3 (50/60 Hz)	P021-4655	14.3	91.0
ZR47K3-TFD-835	1098335 ICP	47,500	AC/HP	460-3	P021-4773P	7.2	46.0
ZR47K3-PFV-830	GC30JF013	48,200	AC/HP	208/230-1	P021-4828P	21.4	137.0
ZR48K3-PFV	930	49,100	AC/HP	208/230-1	P021-4825	22.1	137.0
ZR48K3-TF5	GC30JB001	49,100	AC/HP	208/230-3 (50/60 Hz)	P021-4953	16.4	91.0
ZR48K3-TFD	GC30JK005	49,100	AC/HP	460-3 (50/60 Hz)	P021-4973	50.0	50.0
ZR48K3-TFE	—	49,100	AC/HP	575-3	P021-4983	5.7	37.0
ZR49K3-PFV	990	49,100	AC/HP	208/230-1	P021-4925	26.4	129.0
ZR54K3-TFD	GC30KK003	53,000	AC/HP	460-3	P021-5375	7.5	49.7
ZR54K3-TFE	GC30KL003	53,000	AC/HP	575-3	P021-5382	40.0	40.0
ZR54K3-TF5-830	GC30KV002	53,500	AC/HP	200/230-3	P021-5352P	16.3	124.0
ZR54K3-TF5	GC30KN003	54,000	AC/HP	200/230-3	P021-5452	20.0	123.0
ZR54K3-PFV	6883279	55,000	AC/HP	208/230-1	P021-5423	28.0	148.0
ZR57K3-TFD	—	57,250	AC/HP	460-3	P021-5774	10.0	62.0
ZR57K3-PFV-830	GC30KF016	57,500	AC/HP	208/230-1	P021-5725P	32.1	148.0
ZR57K3-PFV	990	57,500	AC/HP	208/230-1	P021-5723	32.1	169.0

\* CAPACITY RATINGS ARE FOR AIR CONDITIONING APPLICATIONS:  
Evaporator Temperature 45° F, Condenser Temperature 130° F, Liquid Temperature 115° F, Return Gas Temperature 65° F, Ambient Temperature 95° F.  
††2 in parallel.

# COPELAND HERMETIC COMPRESSORS



207A

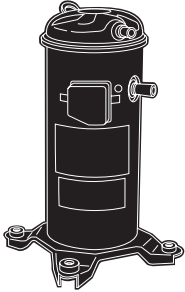


207B

(H) SHELL HEIGHT	SUCT. TUBE I.D.	DISC. TUBE I.D.	MTG. ARR.	COMPR. DWG.	START CAPACITOR		START RELAY P/N	RUN CAPACITOR	
					MFD/VOLTS	P/N		MFD/VOLTS	P/N
14.9	3/4	1/2	A	207B	—	N/A	N/A	30/370	P291-3003
14.9	3/4 H	1/2 H	A	203D	88-108/330	P281-8806	P283-9930	30/370	P291-3003
14.8	3/4	1/2	A	207A	88-108/330	P281-8806	P283-9924	35/370	P291-3503
14.9	3/4	1/2	A	207B	88-108/330	P281-8806	P283-9930	35/370	P291-3503
15.6	3/4 H	1/2 H	A	207D	88-108/330	P281-8806	P283-9924	35/370	P291-3503
14.8	3/4	1/2	A	207A	88-108/330	P281-8806	P283-9930	35/370	P291-3503
14.8	3/4	1/2	A	207A	88-108/330	P281-8806	P283-9919	45/370	P291-4503
14.9	3/4	1/2	A	207B	88-108/330	P281-8806	P283-9919	35/370	P291-3503
14.8	3/4	1/2	A	207A	—	—	—	—	—
14.8	3/4	1/2	A	207A	—	—	—	—	—
14.8	3/4 H	1/2 H	A	207B	88-108/330	P281-8806	P283-9919	45/370	P291-4503
14.9	3/4	1/2	A	207A	N/R	N/R	N/R	35/370	P291-3503
14.8	3/4	1/2	A	207A	88-108/330	P281-8806	P281-9930	40/370	P291-4004
14.8	3/4 H	1/2 H	A	207B	88-108/330	P281-8806	P283-9930	35/370	P291-3503
15.9	3/4	1/2	A	207B	N/R	N/R	N/R	45/370	P291-4503
14.8	3/4	1/2	A	207A	88-108/330	P281-8806	P283-9919	40/440	P291-4004
14.8	3/4	1/2	A	207A	—	—	—	—	—
14.8	3/4	1/2	A	207A	—	—	—	—	—
14.8	3/4	1/2	A	207A	88-108/330	P281-8806	P283-9919	40/370	P291-4003
14.3	3/4	1/2	A	207A	88-108/330	P281-8806	HN61KB023	45/370	P291-4503
14.8	3/4	1/2	A	207B	88-108/330	P281-8801	P283-9919	35/440	P291-3504
14.3	3/4	1/2	A	207A	88-108/330	—	—	—	—
14.8	3/4	1/2	A	207B	88-108/330	P281-8806	P283-9919	45/370	P291-4503
15.7	3/4	1/2	A	207A	88-108/330	P281-8806	P283-9919	45/440	P291-4504
14.8	3/4	1/2	A	207A	88-108/330	P281-8806	P283-9919	45/370	P291-4503
15.7	3/4	1/2	A	207A	—	—	—	—	—
15.7	3/4	1/2	A	207A	—	—	—	—	—
15.7	3/4	1/2	A	207B	88-108/330	P281-8806	P283-9919	—	—
15.7	3/4	1/2	A	207A	88-108/330	P281-8806	P283-9919	50/370	P291-5003
15.2	3/4	1/2	A	207A	—	—	—	—	—
15.2	3/4	1/2	A	207A	—	—	—	—	—
15.2	3/4	1/2	A	207A	88-108/330	—	—	—	—
15.7	3/4	1/2	A	207B	88-108/330	P281-8806	P283-9919	50/370	P291-5003
15.7	3/4 H	1/2 H	A	207B	—	—	—	N/A	—
15.7	3/4 H	1/2 H	A	207B	—	—	—	N/A	—
16.3	3/4	1/2	A	207B	N/R	N/R	N/R	55/370	P291-5503
15.7	3/4	1/2	A	207A	88-108/330	P281-8006	HN61KB023	55/370	P291-5503
16.4	3/4	1/2	A	207B	88-108/250	P281-8806	P283-9919	—	—
15.7	3/4	1/2	A	207A	—	—	—	—	—
15.7	3/4	1/2	A	207A	—	—	—	—	—
16.3	3/4	1/2	A	207B	88-108/330	P281-8806	P283-9919	55/370	P291-5503
16.4	3/4 H	1/2 H	A	207B	—	—	—	N/A	—
16.3	3/4	1/2	A	207A	—	—	—	—	—
16.3	3/4	1/2	A	207A	88-108/330	P281-8806	P283-9919	40/440	P291-4004
15.7	3/4	1/2	A	207A	—	—	—	—	—
15.7	3/4	1/2	A	207A	—	—	—	—	—
16.4	3/4 H	1/2 H	A	207B	88-108/330	P281-8806	P283-9919	40/440	P291-4004
16.3	3/4	1/2	A	207A	88-108/330	P281-8806	P283-9919	60/370	P291-3003††
16.3	3/4 H	1/2 U	A	207B	—	—	—	—	—
16.3	3/4 H	1/2 U	A	207B	—	—	—	—	—
16.9	7/8	1/2	A	207A	88-108/330	P281-8806	P283-9930	60/440	P291-3004††
16.9	7/8 H	1/2 H	A	207B	88-108/330	P281-8806	P283-9930	60/440	P291-3004††
16.9	7/8	1/2	A	207A	—	—	—	N/R	—
16.9	7/8	1/2	A	207A	—	—	—	N/R	—
16.9	7/8	1/2	A	207A	—	—	—	N/R	—
16.9	7/8 H	1/2 H	A	207B	—	—	—	—	—
17.2	7/8	1/2	A	207A	—	—	—	—	—
16.9	7/8	1/2	A	207A	—	—	—	N/R	—
16.9	7/8	1/2	A	207B	—	—	—	—	—
16.9	7/8	1/2	A	207B	88-108/330	P281-8806	P283-9919	60/440	P291-3004††
17.8	7/8 H	1/2 H	A	207B	—	—	—	—	—
16.4	7/8	1/2	A	207A	88-108/330	P281-8806	P283-9930	60/440	NOTE
16.4	7/8	1/2	A	207A	—	—	—	N/R	N/R
16.9	7/8	1/2	A	207A	—	—	—	N/R	N/R
16.4	7/8	1/2	A	207A	—	—	—	N/R	N/R
17.2	7/8	1/2	A	207A	270-324/330	P281-2706	P283-9919	60/370	NOTE
17.8	7/8	1/2	A	207A	N/R	N/R	N/R	N/R	N/R
17.8	7/8	1/2	A	207A	N/R	N/R	N/R	N/R	N/R
17.7	7/8	1/2	A	207A	N/R	N/R	N/R	N/R	N/R
17.9	7/8	1/2	A	207A	270-324/330	P281-2706	P283-9919	80/370	P291-4003††
17.8	7/8	1/2	A	207B	270-324/330	P281-2706	P283-9919	80/370	P291-4003††
17.2	7/8	1/2	A	207A	270-324/330	P281-2706	P283-9919	N/R	N/R
17.8	7/8	1/2	A	207B	270-324/330	P281-2706	P283-9919	80/370	P291-4003††

# COPELAND HERMETIC COMPRESSORS

## COPELAND “ZR” (SCROLL) COMPRESSORS 55,000 - 190,000 BTUH



ZR

- ZR's FOR HIGH EFFICIENCY - 11.5 PLUS
- LOW NOISE AND VIBRATION LEVELS
- INHERENT MOTOR PROTECTION
- CENTRIFUGAL OIL PUMP
- FOR HEAT PUMP AND AIR CONDITIONING DUTY

P12

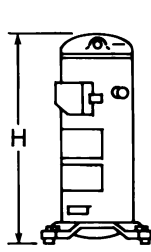
COMPRESSOR MODEL P/N	COMPRESSOR BILL OF MATERIAL	CAPACITY* BTUH	APPLICATION	VOLTS-PHASE 60 HZ	COMPRESSOR P/N	RLA	LRA
ZR57KC-TFD	GC30KK012	55,000	AC/HP	460-3	P021-5572P	8.3	59.6
ZR61K3-TF5	930	61,000	AC/HP	200/230-3	P021-6152	19.3	123.0
ZR61K3-TFD	930	61,000	AC/HP	400/460-3	P021-6172	10.0	62.0
ZR61K3-TFE	GC30LL002	61,000	AC/HP	575-3	P021-6182	7.9	50.0
ZR61K3-PFV	995	61,200	AC/HP	208/230-1	P021-6123	32.1	169.0
ZR61K3-PFV-830	GC30LF004	61,200	AC/HP	208/230-1	P021-6124P	32.1	148.0
ZR61K3-TF5-830	GC30LN003	62,000	AC/HP	200/230-3	P021-6251P	19.3	137.0
ZR61K3-TFD-830	GC30LK003	62,000	AC/HP	460-3	P021-6271P	9.1	62.0
ZR68KC-TF5	—	68,500	AC/HP	200/230-3	P021-6852	20.7	156.0
ZR68KC-TFD	—	68,500	AC/HP	460-3	P021-6872	10.0	70.0
ZR68KC-TFE	—	68,500	AC/HP	575-3	P021-6882	8.2	54.0
ZR72KC-TFD-830	GC30NK006	73,500	AC/HP	460-3	P021-7371P	10.0	75.0
ZR72KC-TF7-930	N/A	73,500	AC/HP	380-3	P021-7361	10.7	70.0
ZR94KC-TF5	930	94,000	AC/HP	200/230-3	P021-9451	32.1	195.0
ZR94KC-TF7	—	94,000	AC/HP	380/420-3	P021-9992	16.7	123.0
ZR94KC-TFD	930	94,000	AC/HP	460-3	P021-9471	16.4	95.0
ZR94KC-TFE	930	94,000	AC/HP	575-3	P021-9481	12.0	80.0
ZR11M3-TWC	70015749	108,000	AC/HP	208/230-3	P021-99512	34.3	232.0
ZR11M3-TWE	70015750	108,000	AC/HP	575-3	P021-9988	13.2	100.0
ZR11M3-TWD	70015747	108,000	AC/HP	460-3	P021-99715	17.5	125.0
ZR108KC-TF5	930	108,900	AC/HP	200/230-3	P021-9958	33.6	225.0
ZR108KC-TF7	—	108,900	AC/HP	380/420-3	P021-9993	18.6	140.0
ZR108KC-TFD	930	108,900	AC/HP	460-3	P021-9979	17.3	114.0
ZR108KC-TFE	930	108,900	AC/HP	575-3	P021-9984	13.4	80.0
ZR125KC-TF5	930	125,000	AC/HP	200/230-3	P021-9957	42.0	239.0
ZR125KC-TFD	930	125,000	AC/HP	460-3	P021-9978	19.2	125.0
ZR12M3-TWC-822	190411(MA)	125,000	AC/HP	200-3	P021-99514	38.6	278.0
ZR12M3-TWD-822	190409(MA)	125,000	AC/HP	460-3	P021-99716	18.9	127.0
ZR12M3-TWE	190412(MA)	125,000	AC/HP	575-3	P021-9989	15.7	100.0
ZR125KC-TF7	—	126,400	AC/HP	380/420-3	P021-9994	23.6	145.0
ZR125KC-TFE	930	126,400	AC/HP	573-3	P021-9983	13.8	80.0
ZR144KC-TFD	—	142,800	AC/HP	460-3	P021-99712	19.6	125.0
ZR144KC-TF5	—	143,000	AC/HP	200/230-3	P021-99510	47.0	245.0
ZR144KC-TFE	—	143,000	AC/HP	575-3	P021-9986	15.9	100.0
ZR144KC-TF7-950	G30WC002C	144,000	AC/HP	380-3	P021-14461	24.4	145.0
ZR16M3-TWC-822	190355(MA)	154,000	AC/HP	208/230-3	P021-99515	47.1	350.0
ZR16M3-TWD-822	190281(MA)	154,000	AC/HP	460-3	P021-99717	19.9	125.0
ZR16M3-TWE-822	190356(MA)	154,000	AC/HP	575-3	P021-99810	25.0	15.0
ZR16M3-TW7	—	154,300	AC/HP	380/420-3	P021-9991	27.9	195.0
ZR16M3-TWC	868	154,300	AC/HP	200/230-3	P021-9959	45.7	350.0
ZR16M3-TWD	868	154,300	AC/HP	460-3	P021-99710	24.3	158.0
ZR19M3-TWD	868	184,900	AC/HP	460-3	P021-99711	26.4	187.0
ZR19M3-TWC	105-336 (FHP)	190,000	AC/HP	208/230-3	P021-99513	55.2	42.0
ZR19M3-TWC-822	190357(MA)	190,000	AC/HP	208/230-3	P021-99515	55.2	425.0
ZR19M3-TWD-822	190201(MA)	190,000	AC/HP	460-3	P021-99718	27.2	187.0
ZR19M3-TWD-822	190201(MA)	190,000	AC/HP	575-3	P021-99811	24.3	148.0

\*CAPACITY RATINGS ARE FOR AIR CONDITIONING APPLICATIONS:

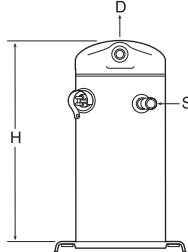
Evaporator Temperature 45° F, Condenser Temperature 130° F, Liquid Temperature 115° F, Return Gas Temperature 65° F, Ambient Temperature 95° F.

††Must use 2 capacitors combined to equal the correct MFD rating wired in parallel.

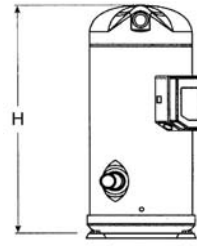
# COPELAND HERMETIC COMPRESSORS



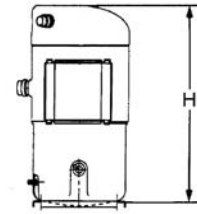
**207A**



**207B**

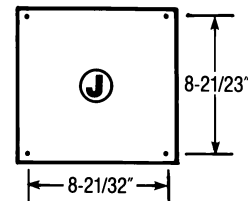
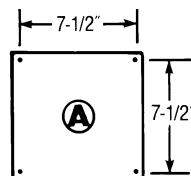


**207C**



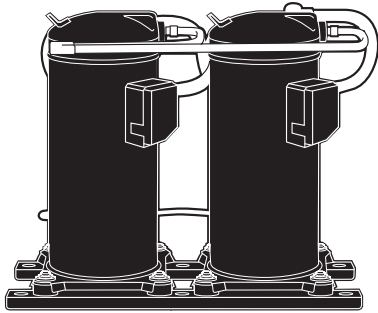
**207D**

(H) SHELL HEIGHT	SUCT. TUBE I.D.	DISC. TUBE I.D.	MTG. ARR.	COMPR. DWG.	START CAPACITOR		START RELAY P/N	RUN CAPACITOR	
					MFD/VOLTS	P/N		MFD/VOLTS	P/N
17.9	7/8	1/3	A	207B	N/R	N/R	N/R	N/R	N/R
17.2	7/8	1/2	A	207A	N/R	N/R	N/R	N/R	N/R
17.2	7/8	1/2	A	207A	N/R	N/R	N/R	N/R	N/R
17.8	7/8	1/2	A	207A	N/R	N/R	N/R	N/R	N/R
17.2	7/8	1/2	A	207A	270-324/330	<b>P281-2706</b>	<b>P283-9919</b>	N/R	N/R
17.8	7/8 H	1/2 H	A	207B	—	—	—	N/R	N/R
17.8	7/8	1/2	A	207B	270-324/330	<b>P281-2706</b>	<b>P283-9919</b>	80/370	<b>P291-4003††</b>
17.8	7/8 H	1/2 H	A	207B	—	—	—	N/R	N/R
17.7	7/8	1/2	A	207A	N/R	N/R	N/R	N/R	N/R
17.7	7/8	1/2	A	207A	N/R	N/R	N/R	N/R	N/R
17.7	7/8	1/2	A	207A	N/R	N/R	N/R	N/R	N/R
17.8	7/8 H	1/2 H	A	207B	—	—	—	N/R	N/R
17.8	7/8	1/2	A	207A	—	—	—	—	—
19.3	1 1/8	7/8	A	207C	N/R	N/R	N/R	N/R	N/R
19.3	1 1/8	7/8	A	207C	N/R	N/R	N/R	N/R	N/R
19.0	1 1/8	7/8	A	207C	N/R	N/R	N/R	N/R	N/R
19.3	1 1/8	7/8	A	207C	N/R	N/R	N/R	N/R	N/R
21.2	1-3/8	7/8	X	207D	N/R	N/R	N/R	N/R	N/R
21.2	1-3/8	7/8	X	207D	N/R	N/R	N/R	N/R	N/R
21.2	1-3/8	7/8	X	207D	N/R	N/R	N/R	N/R	N/R
21.5	1 3/8	7/8	A	207C	N/R	N/R	N/R	N/R	N/R
21.5	1 3/8	7/8-203	A	207C	N/R	N/R	N/R	N/R	N/R
21.5	1 3/8	7/8	A	207C	N/R	N/R	N/R	N/R	N/R
21.5	1 3/8	7/8	J	207C	N/R	N/R	N/R	N/R	N/R
21.5	1 3/8	7/8	J	207D	N/R	N/R	N/R	N/R	N/R
21.5	1 3/8	7/8	J	207D	N/R	N/R	N/R	N/R	N/R
21.5	1 3/8	7/8	J	207D	N/R	N/R	N/R	N/R	N/R
21.5	1 3/8	7/8	A	207C	N/R	N/R	N/R	N/R	N/R
21.5	1 3/8	7/8	A	207C	N/R	N/R	N/R	N/R	N/R
21.5	1 3/8	7/8	A	207C	N/R	N/R	N/R	N/R	N/R
21.5	1 3/8	7/8	A	207C	N/R	N/R	N/R	N/R	N/R
21.5	1 3/8	7/8	A	207C	N/R	N/R	N/R	N/R	N/R
21.5	1 3/8	7/8	A	207C	N/R	N/R	N/R	N/R	N/R
21.5	1 3/8	1-3/8	A	207C	—	N/R	N/R	N/R	N/R
21.5	7/8	1-3/8	A	207C	N/R	N/R	N/R	N/R	N/R
21.1	1 3/8	7/8	J	207D	N/R	N/R	N/R	N/R	N/R
21.1	1 3/8	7/8	J	207D	N/R	N/R	N/R	N/R	N/R
21.1	1 3/8	7/8	J	207D	N/R	N/R	N/R	N/R	N/R
21.5	7/8	1-3/8	A	207C	N/R	N/R	N/R	N/R	N/R
21.5	1 3/8	7/8	A	207C	N/R	N/R	N/R	N/R	N/R
21.5	1 3/8	7/8	J	207D	N/R	N/R	N/R	N/R	N/R
21.5	1 3/8	7/8	J	207D	N/R	N/R	N/R	N/R	N/R
21.5	1 3/8	7/8	J	207D	N/R	N/R	N/R	N/R	N/R
23.3	1 5/8	1 1/8	J	207D	N/R	N/R	N/R	N/R	N/R
23.3	1-5/8	1-1/8	J	207D	N/R	N/R	N/R	N/R	N/R
23.3	1-5/8	1-1/8	J	207D	N/R	N/R	N/R	N/R	N/R
23.3	1-5/8	1-1/8	J	207D	N/R	N/R	N/R	N/R	N/R
23.3	1-5/8	1-1/8	J	207D	N/R	N/R	N/R	N/R	N/R



# COPELAND HERMETIC COMPRESSORS

## COPELAND “ZRT” TANDEM SCROLL COMPRESSORS 141,000-163,000 BTUH



**ZRT**

P4370

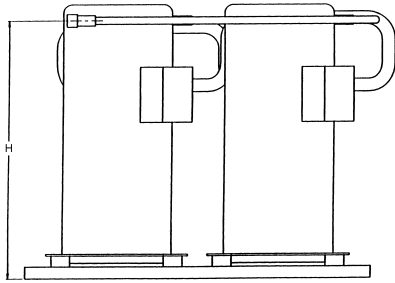
- THIRD GENERATION TECHNOLOGY
- FOR PACKAGED AND SPLIT COMMERCIAL A/C SYSTEMS
- TWO-STEP MODULATION — DEPENDENCY ON LOAD

COMPRESSOR MODEL P/N	COMPRESSOR BILL OF MATERIAL	CAPACITY* BTUH	APPLICATION	VOLTS-PHASE	COMPRESSOR P/N	RLA	LRA
ZRU140KC-TF7-980	GC30WC001	141,000	AC/HP	380-3	<b>P021-14161</b>	140.0	140.0
ZRT162KC-TFD	GC30XK003	163,000	—	460-3 (50/60 Hz)	<b>P021-99714</b>	24.0	20.0

\*CAPACITY RATINGS ARE FOR AIR CONDITIONING APPLICATIONS:

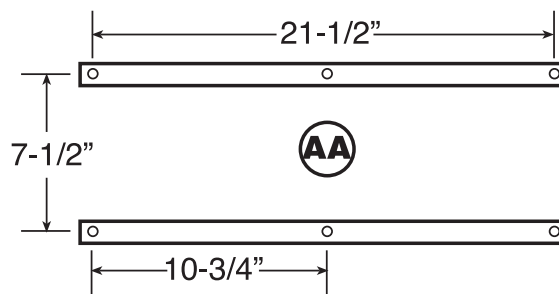
Evaporator Temperature 45° F, Condenser Temperature 130° F, Liquid Temperature 115° F, Return Gas Temperature 65° F, Ambient Temperature 95° F.

# COPELAND HERMETIC COMPRESSORS



**207E**

(H) SHELL HEIGHT	SUCT. TUBE I.D.	DISC. TUBE I.D.	MTG. ARR.	COMPR. DWG.	START CAPACITOR		START RELAY P/N	RUN CAPACITOR	
					MFD/VOLTS	P/N		MFD/VOLTS	P/N
18.8	1-1/8	3/4	AA	207E	NR	NR	NR	NR	NB
19.1	1-1/8	1-1/8	AA	207E	—	—	—	N/R	—



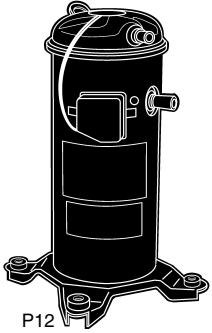
P4370A

# COPELAND HERMETIC COMPRESSORS

## COPELAND ALTERNATE REFRIGERANT SCROLL MODELS

15,500 - 57,600 BTUH R-410A & R-407C

FOR HEAT PUMP AND AIR CONDITIONING DUTY



COMPRESSOR MODEL P/N	COMPRESSOR BILL OF MATERIAL	CAPACITY BTUH	REFRIGERANT	VOLTS-PHASE 60 HZ	COMPRESSOR P/N	RLA	LRA
ZP16K3E-PFV	—	15,500	R410-A	208/230-1	P021-1525	11.4	51.0
ZP16K3E-PFV-830	GC10MF013	15,500	R410-A	208/230-1	P021-1526P	11.4	51.0
ZP20K3E-PFV-830	GC10KF001	20,300	R410-A	208/230-1	P021-2021P	14.3	60.0
ZP22KCE-PFV	—	22,000	R410-A	208/230-1	P021-2227	15.0	61.0
ZP23K3E-PFV-830	GC10MF011	23,500	R410-A	208/230-1	P021-2321P	15.0	61.0
ZP26K3E-TF5-830	GC10NF008	25,500	R410-A	208/230-3	P021-2551P	11.6	63.0
ZP26K3E-PFV-830	GC10NF006	25,700	R410-A	208/230-1	P021-2522P	16.4	72.5
ZP26K3E-TFD	GC10NK001	25,700	R410-A	460-3 (50/60 Hz)	P021-2571	5.0	31.0
ZP26K3E-PFV-830	GC10NF006	25,700	R410-A	208/230-1	P021-2522P	16.4	72.5
ZP26K3E-PFV	—	26,000	R410-A	208/230-1	P021-2624	21.0	72.5
ZP26K3E-TF5	—	26,000	R410-A	200/230-3	P021-2654	10.7	63.0
ZP32K3E-PFV-830	GC10RF007	31,300	R410-A	208/230-1	P021-3121P	17.1	83.0
ZP32K3E-TF5-830	GC10RF008	31,800	R410-A	208/230-3	P021-3153P	12.9	77.0
ZP32K3E-PFV	—	32,000	R410-A	208/230-1	P021-3225	16.3	83.0
ZP32K3E-TF5	—	32,000	R410-A	200/230-3	P021-3252	13.6	77.0
ZP32K3E-TFD	—	32,000	R410-A	400/460-3	P021-3273	5.7	35.0
ZP36K3E-PFV-830	GC10TF009	36,200	R410-A	208/230-1	P021-3626P	20.7	105.0
ZP36K3E-TF5-830	GC10TF010	36,200	R410-A	208/230-3	P021-3655P	16.2	88.0
ZP32K3E-TFD	—	36,300	R410-A	460-3	P021-3674	7.1	39.0
ZP36K3E-PFV	—	36,500	R410-A	208/230-1	P021-3625	28.0	104.0
ZP36K3E-TF5	—	36,600	R410-A	200/230-3	P021-3654	15.0	77.0
ZP38K3E-PFV-830	GC10UF003	37,800	R410-A	208/230-1	P021-3721P	21.4	104.0
ZP38K3E-PFV	—	38,000	R410-A	208/230-1	P021-3823	21.4	104.0
ZP41K3E-PFV-830	GC10WF006	41,000	R410-A	208/230-1	P021-4124P	22.9	109.0
ZP41K3E-TF5	—	41,100	R410-A	208/230-3	P021-4152	16.14	91.0
ZP41K3E-TFD	—	41,100	R410-A	460-3	P021-4172	7.2	46.0
ZP41K3E-TF5-830	GC10WF007	41,200	R410-A	200/230-3	P021-4153P	16.2	91.0
ZP41K3E-PFV	—	41,300	R410-A	208/230-1	P021-4123	28.6	109.0
ZP44KCE-PFV	—	43,800	R410-A	208/230-1	P021-4321	27.1	121.0
ZP44KCE-PFV-830	GC10WF008	43,800	R410-A	208/230-1	P021-4322P	15.3	131.0
ZP50K3E-PFV	—	50,500	R410-A	208/230-1	P021-5021	30.0	138.0
ZP50K3E-PFV-830	GC30KF015	50,500	R410-A	208/230-1	P021-5022P	30.0	145.0
ZP54K3E-PFV	930	54,400	R410-A	208/230-1	P021-5422	30.7	158.0
ZP54K3E-TF5	—	54,400	R410-A	200/230-3	P021-5451	20.2	137.0
ZP54K3E-TFD	—	54,400	R410-A	460-3	P021-5471	10.0	62.0
ZP54K3E-TF5-830	GC30KF013	54,400	R410-A	208/230-3	P021-5453P	20.2	137.0
ZP54K3E-PFV-830	GC30KF012	54,400	R410-A	208/230-1	P021-5424P	30.7	158.0
ZP57KCE-PFV	—	57,000	R410-A	208/230-1	P021-5724	33.6	172.0
ZP57KCE-PFV-830	GC30KF014	57,000	R410-A	208/230-1	P021-5726P	33.6	172.0

### R-407C MODELS

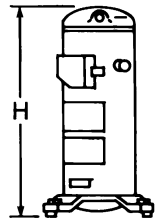
ZR42K3E-TFD	930	40,400	R407-C	400-460-3	P021-4072	7.1	40.0
ZR42K3E-TFE	930	40,400	R407-C	575	P021-4081	5.3	34.0
ZR42K3E-TF5	930	42,400	R407-C	208/230-3	P021-4256	13.1	88.0
ZR57K3E-TF5	930	57,600	R407-C	208/230-3	P021-5753	19.3	123.0
ZR57K3E-TFD	930	57,600	R407-C	400/460-3	P021-5773	10.3	62.0
ZR57K3E-TFE	930	57,600	R407-C	575	P021-5783	5280W	50.0

\*CAPACITY RATINGS ARE FOR AIR CONDITIONING APPLICATIONS:

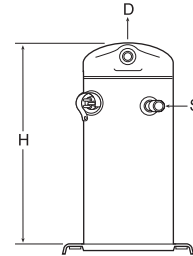
Evaporator Temperature 45° F, Condenser Temperature 130° F, Liquid Temperature 115° F, Return Gas Temperature 65° F, Ambient Temperature 95° F.

††Two in parallel.

# COPELAND HERMETIC COMPRESSORS



**207A**



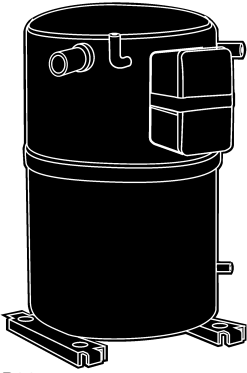
**207B**

(H) SHELL HEIGHT	SUCT. TUBE I.D.	DISC. TUBE I.D.	MTG. ARR.	COMPR. DWG.	START CAPACITOR		START RELAY P/N	RUN CAPACITOR	
					MFD/VOLTS	P/N		MFD/VOLTS	P/N
14.8	3/4	1/2	A	207A	—	—	—	—	—
14.8	3/4	1/2	A	207B	88-108-330	<b>P281-8806</b>	<b>P283-9924</b>	40/370	<b>P291-4053</b>
15.6	3/4	1/2	A	203D	88-108-330	<b>P281-8806</b>	<b>P283-9924</b>	35/37	<b>P291-3503</b>
14.8	3/4	1/2	A	207A	—	—	—	—	—
14.7	3/4	1/2	A	207B	88-108/330	<b>P281-8806</b>	<b>P283-9919</b>	40/370	<b>P291-4053</b>
14.8	3/4	1/2	A	207B	—	—	—	—	—
14.8	3/4	1/2	A	207B	88-108/330	<b>P281-8806</b>	<b>P283-9919</b>	45/370	<b>P291-4553</b>
14.8	3/4	1/2	A	207A	—	—	—	—	—
14.8	3/4	1/2	A	207B	88-108/330	<b>P281-8806</b>	<b>P283-9919</b>	45/370	<b>P291-4553</b>
14.3	3/4	1/2	A	207A	—	<b>P281-8806</b>	<b>P283-9919</b>	45/370	<b>P291-4503</b>
14.8	3/4	1/2	A	207A	—	—	—	—	—
15.6	3/4	1/2	A	207B	88-108/330	<b>P281-8806</b>	<b>P283-9919</b>	45/370	<b>P291-4553</b>
15.6	3/4	1/2	A	207B	—	—	—	—	—
15.1	3/4	1/2	A	207A	—	<b>P281-8806</b>	<b>P283-9919</b>	45/370	<b>P291-4503</b>
14.8	3/4	1/2	A	207A	—	—	—	—	—
15.6	3/4	1/2	A	207A	—	—	—	—	—
16.2	3/4	1/2	A	207B	88-0108/330	<b>P281-8806</b>	<b>P283-9919</b>	55/370	<b>P291-5553</b>
16.2	3/4	1/2	A	207B	—	—	—	—	—
16.4	3/4	1/2	A	207A	—	—	—	—	—
15.6	3/4	1/2	A	207A	—	<b>P281-8806</b>	<b>P283-9919</b>	55/370	<b>P291-5503</b>
16.4	3/4	1/2	A	207A	—	—	—	—	—
16.2	3/4	1/2	A	207B	88-108/330	<b>P281-8806</b>	<b>P283-9919</b>	55/370	<b>P291-5553</b>
16.2	3/4	1/2	A	207A	—	—	—	55/370	<b>P291-5503</b>
16.2	3/4	1/2	A	207B	88-108/330	<b>P281-8806</b>	<b>P283-9919</b>	60/370	<b>P291-3053††</b>
16.4	3/4	1/2	A	207A	—	—	—	—	—
16.4	3/4	1/2	A	207A	—	—	—	—	—
16.2	3/4	1/2	A	207B	—	—	—	—	—
15.6	3/4	1/2	A	207A	—	<b>P281-8806</b>	<b>P283-9919</b>	60/370	<b>P291-5503</b>
16.1	3/4	1/2	A	207A	—	—	—	50/370	<b>P291-5003</b>
16.2	3/4 H	1/2 H	A	207B	88-108/330	<b>P281-8806</b>	<b>P283-9930</b>	50/370	<b>P291-5003</b>
17.9	7/8	1/2	A	207A	—	—	—	80/370	NOTE
17.8	7/8	1/2	A	207B	270-324/330	<b>P281-2706</b>	<b>P283-9919</b>	80/370	<b>P291-4053††</b>
17.8	7/8	1/2	A	207A	—	—	—	80/370	NOTE
17.9	7/8	1/2	A	207A	—	—	—	—	—
17.9	7/8	1/2	A	207A	—	—	—	—	—
20.2	7/8	1/2	A	207B	—	—	—	—	—
17.8	7/8	1/2	A	207B	270-324/330	<b>P281-2706</b>	<b>P283-9919</b>	80/370	<b>P291-4053t</b>
17.9	7/8	1/2	A	207A	—	—	—	80/370	<b>P291-4003††</b>
17.8	7/8 H	1/2 H	A	207B	—	—	—	80/370	<b>P291-4003††</b>
15.7	3/4	1/2	A	207A	—	N/R	N/R	N/R	N/R
15.7	3/4	1/2	A	207A	—	N/R	N/R	N/R	N/R
15.7	3/4	1/2	A	207A	—	N/R	N/R	N/R	N/R
17.2	7/8	1/2	A	207A	—	N/R	N/R	N/R	N/R
17.2	7/8	1/2	A	207A	—	N/R	N/R	N/R	N/R
17.2	7/8	1/2	A	207A	—	N/R	N/R	N/R	N/R



# COPELAND HERMETIC COMPRESSORS

## COPELAND "BR" COMPRESSORS 94,700 - 150,000 BTUH



P14

**BR**

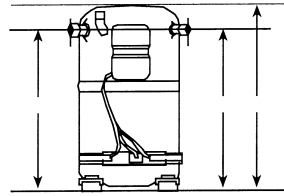
- WIDE SELECTION RANGE 7-1/2 H.P. THRU 12 H.P.
- APPROVED FOR HEAT PUMP APPLICATIONS
- FULL LINE APPROVED FOR 50 HERTZ OPERATION
- QUIET RUNNING
- INTERNAL SUSPENSION SYSTEM ELIMINATES VIBRATION
- SEMI-DIRECTIONAL GAS FLOW TO ASSURE EVEN MOTOR COOLING
- CENTRIFUGAL OIL PUMP
- INTERNAL INHERENT LINE BREAK MOTOR PROTECTION ON BRE2/BRG2/BRH2/BRK2
- CRANKCASE HEATER STANDARD

COMPRESSOR MODEL P/N	COMPRESSOR BILL OF MATERIAL	CAPACITY* BTUH	APPLICATION	VOLTS-PHASE 60 HZ	COMPRESSOR P/N	RLA	LRA
BRE2-0750-TFC	902	94,700	AC/HP	208/230-3	<b>P021-9052</b>	31.1	183.0
BRE2-0750-TFD	903	94,700	AC/HP	460-3	<b>P021-9072</b>	15.8	91.1
BRE2-0750-TFE	904	94,700	AC/HP	575-3	<b>P021-9081</b>	13.0	73.3
BRG2-0900-TFC	902	110,000	AC/HP	208/230-3	<b>P021-9951</b>	38.5	183.0
BRG2-0900-TFD	903	110,000	AC/HP	460-3	<b>P021-9971</b>	19.3	91.1
BRG2-0900-TFE	904	110,000	AC/HP	575-3	<b>P021-9981</b>	14.4	77.2
BRH2-1000-TFC	902	125,000	AC/HP	208/230-3	<b>P021-9952</b>	42.1	207.0
BRH2-1000-TFD	903	125,000	AC/HP	460-3	<b>P021-9972</b>	21.1	104.0
BRK2-1200-TFC	901	150,000	AC/HP	208/230-3	<b>P021-9953</b>	48.8	267.0
BRK2-1200-TFD	901	150,000	AC/HP	460-3	<b>P021-9973</b>	24.2	135.0
BRK3-1200-TSE	905	150,000	AC/HP	575-3	<b>P021-9982</b>	21.4	108.0

\*CAPACITY RATINGS ARE FOR AIR CONDITIONING APPLICATIONS:

Evaporator Temperature 45° F, Condenser Temperature 130° F, Liquid Temperature 115° F, Return Gas Temperature 65° F, Ambient Temperature 95° F.

# COPELAND HERMETIC COMPRESSORS



**205A**

(H) SHELL HEIGHT	SUCT. TUBE I.D.	DISC. TUBE I.D.	MTG. ARR.	COMPR. DWG.	START CAPACITOR		START RELAY P/N	RUN CAPACITOR	
					MFD/VOLTS	P/N		MFD/VOLTS	P/N
18.4	1-1/8	3/4	J	205A	—	—	—	—	—
18.4	1-1/8	3/4	J	205A	—	—	—	—	—
18.4	1-3/4	1-1/4	J	205A	—	—	—	—	—
18.4	1-1/8	3/4	J	205A	—	—	—	—	—
18.4	1-1/8	3/4	J	205A	—	—	—	—	—
18.4	1-1/8	3/4	J	205A	—	—	—	—	—
18.4	1-1/8	3/4	J	205A	—	—	—	—	—
18.4	1-1/8	3/4	J	205A	—	—	—	—	—
18.4	1-1/8	3/4	J	205A	—	—	—	—	—
18.4	1-1/8	3/4	J	205A	—	—	—	—	—

