

KIRBY - TECUMSEH COMPRESSORS

MODEL SERIES	CAT. NO.	MODEL	MODEL		ELECT.* CODE	APPLICATION			CAPAC.** WATTS
			HP	TYPE		RANGE	REFRIG	CONTROL	

AE	25819	AE1322A	1/16	RSIR	1	LST	R12	CAP	63
	2581	AE1227	1/12	RSIR	1	LST	R12	CAP	78
	2582	AE8ZA7	1/8	RSIR	1	LST	R12	CAP	90
	2584	AE6ZD7 †	1/6	RSIR	1	LST	R12	CAP	110
	2586	AE5ZF9 †	1/5	RSIR	1	LST	R12	CAP	150
	2588	AE4ZF11 †	1/4	RSIR	1	LST	R12	CAP	180
	2589	AE4ZG12 †	1/4	RSIR	1	LST	R12	CAP	220
	25820	AE1385A †	1/4	RSIR	1	LST	R12	CAP	250
	25814	AE1411A †	1/4	RSIR	1	LST	R12	CAP	330
	25815	AE2411A	1/4	CSIR	1	LST	R12	CAP/TX	330
	2585	AE67ZD7	1/6	RSIR	1	MST	R12	CAP	250
	2587	AE59ZF9	1/5	RSIR	1	MST	R12	CAP	340
	25812	AE6416A	1/4	RSIR	1	MST	R12	CAP	480
	25813	AE7416A	1/4	CSIR	1	MST	R12	CAP/TX	480
	25821	AE7423A	1/3	CSIR	1	MST	R12	CAP/TX	660
	2583	AE6ZA7	1/6	RSIR	1	HST	R12	CAP	345
25810	AE3425A	1/4	RSIR	1	HST	R12	CAP	730	
25811	AE4425A	1/4	CSIR	1	HST	R12	CAP/TX	730	
25818	AE5462E	1/2	PSC	1	HST	R22	CAP	1800	

'AE' SERIES



'AJ' SERIES



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AJ	25832	AJ2416A	1/3	CSIR	1	LST	R12	CAP/TX	480
	25836	AJ2422A	1/2	CSIR	1	LST	R12	CAP/TX	650
	25842	AJ2427A	3/4	CSR	1	LST	R12	CAP/TX	790
		AJ2425J	1/2	CSIR	1	LST	R502	CAP/TX	735
	25834	AJ2435J	3/4	CSR	1	LST	R502	CAP/TX	1025
	25831	AJ2448J *	1.0	CSR	1	LST	R502	CAP/TX	1355
	25830	AJ7428A	1/3	CSIR	1	MST	R12	CAP/TX	820/1495
	25833	AJ7434A *	1/2	CSIR	1	MST	R12	CAP/TX	1000
	25835	AJ7445A *	3/4	CSIR	1	MST	R12	CAP/TX	1300
	25843	AJ7457A	1.0	CSR	1	MST	R12	CAP/TX	1700
	25838	AJ5483E	3/4	PSC	1	HST	R22	CAP	2435
	25839	AJ5510E	1.0	PSC	1	HST	R22	CAP	2945
	25840	AJ5513E	1.1/4	PSC	1	HST	R22	CAP	3750
	25837	AJ5515E	1.1/2	PSC	1	HST	R22	CAP	4468
25845	AJ5516E	1.1/2	PSC	1	HST	R22	CAP	4762	

'AH' SERIES



AH	25844	AH2434A	1.0	CSR	1	LST	R12	CAP/TX	1000
	25829	AH2434A	1.0	3 PH	5	LST	R12	CAP/TX	1000
		AH2467J	1.1/2	CSR	1	LST	R502	CAP/TX	1955
		AH2467J	1.1/2	3 PH	5	LST	R502	CAP/TX	1955
	25846	AH4514A *	1.1/2	CSR	1	M/HST	R12	CAP/TX	2125/4185
	25861	AH4514A *	1.1/2	3 PH	5	M/HST	R12	CAP/TX	2125/4185
		AH2492J	2	3 PH	5	LST	R502	CAP/TX	2700
	25860	AH4521A *	2	CSR	1	M/HST	R12	CAP/TX	3150/6207
	25851	AH4521A *	2	3 PH	5	M/HST	R12	CAP/TX	3150/6207
	25847	AH5518E	1.3/4	PSC	1	HST	R22	CAP	5100
	25862	AH5518E	1.3/4	3 PH	5	HST	R22	CAP/TX	5100
	25848	AH5520E	2	PSC	1	HST	R22	CAP	5600
	25863	AH5520E	2	3 PH	5	HST	R22	CAP/TX	5600
	25849	AH5523E	2.1/4	PSC	1	HST	R22	CAP	6400
	25850	AH5533E	3.0	3 PH	5	HST	R22	CAP/TX	9890

'AG' SERIES



AG		AG4534A	2.8	3 PH	5	M/HST	R12	CAP/TX	8206
		AG4543A	3.5	3 PH	5	M/HST	R12	CAP/TX	10500
	25864	AG5553F	4.0	3 PH	5	HST	R22	CAP/TX	13000
	25865	AG5561F	5.0	3 PH	5	HST	R22	CAP/TX	14900
	25866	AG5568F	6.0	3 PH	5	HST	R22	CAP/TX	16500

AN	25883	AN5590E	7.5	3 PH	5	HST	R22	CAP/TX	22400
	25884	AN5610E	8.3	3 PH	5	HST	R22	CAP/TX	24200
	25885	AN5612E	10.0	3 PH	5	HST	R22	CAP/TX	29500
	25886	AN5614E	12.0	3 PH	5	HST	R22	CAP/TX	33400

† These compressors are fitted with an Oil Cooler which must be used unless a fan is fitted to circulate air around the compressor body.

* Electrical Code : 1 = 240 Volt 50 Hz. 5 = 415 Volt 50 Hz.

** Refer next Page for Capacity Rating Conditions and Cross Reference Table.

KIRBY TECUMSEH COMPRESSORS

** HERMETIC COMPRESSORS — PERFORMANCE RATING BASIS (Cont'd from Page 258)

CONDITIONS	LST	MST	HST
Ambient Temp. °C	32	35	35
Condensing Temp. °C	55	55	55
Liquid Entering Temp. °C	32	47	47
Return Vapour Temp.	At Ambient °C Entering Compressor		
Nominal Capacity W & Power Input kW	At -23.3	-6.7	+7.2
Range °C – R12	(°C Suction Temperature)		
– R502	-35 to -10	-20 to +5	-15 to +10
– R22	-40 to -15	—	—
	—	-15 through to +10	

Indicated Compressor Capacity W (watts) and Power Input kW (kilowatts) are established from Calorimeter Tests with values ± 5% based on Specific Rating Conditions and Nominated Refrigerant. Actual Compressor Application should be in accordance with Kirby Recommendations.

CAPACITY CORRECTION — Hermetic Compressors

Since the actual Application Conditions will vary from "Performance Rating Conditions", some capacity correction will always be required.

The following factors may be used with sufficient accuracy, and should be applied in order to establish the Compressor Capacity" at design conditions.

(a) For changed Condensing Temperature :-

Increase capacity 6% for each 5°C lower condensing.
Decrease capacity 6% for each 5°C higher condensing.

(b) For changed Liquid Entering Temperature :-

Increase capacity 1% for each 1°C lower liquid entering.
Decrease capacity 1% for each 1°C higher liquid entering.

(c) For Lower Return Vapour Temperature :-

The changes here to "Compressor Capacity" are generally marginal and may be disregarded in the initial assessment.

CROSS REFERENCE CHART

OBSOLETE MODELS	RECENTLY DISCONTINUED	CURRENT MODEL
K3, K5, P91, P91L		AE8ZA7
K10, K10B, K10C, CA4, CA10, CA13, P8112L, P8112, P6112		AE6ZD7
K11 AP4112/CS CB1, CB2, CB3		AE7416A
CJ4 AUTH5, U4P12	AK1410A AK1413A	AE1411A
P61		AE6ZA7
AP4312/SP		AE1411A
P6312, P5312		AE5ZF9
AP4312/CS	AK2410A	AE2411A
AP41H		AE3425A
AP3311	AK7419A AK7422A	AE7423A
AP4112/SP AU76		AE6416A
	AK5469E AK5457E	AE5462E
K7 CC1, CC2, CC3 AU26, AU36	AJ4448A	AJ7428A
AU2612		AJ7434A
AU2P12, AU2T12		AJ2422A

REPLACEMENT COMPRESSORS

OBSOLETE MODELS	RECENTLY DISCONTINUED	CURRENT MODEL
AU3612		AJ2416A
AU7P12, B7P16		AJ7445A
B7T16		AJ2427A
B1T16		AJ7457A
B1T16 (R502)		AJ2448J
CJ3		
AU1612 (R22)		AJ5483E
AU1P12		AJ5510E
AUT12		AJ5513E
B32T16	AH5516E	AJ5516E
BIU18		AH2434A
B32U18		AH4514A
B74T18		AH5518E
B21U18		AH5520E
CL31Y14		AH5533E
CL21Y14		AH4521A
	CL26ZA17 CL31ZH17	AG4534A**
	CL41ZA17 CL51ZH17	AG5553F** AG5561F**
AUR13*, AE1318A*, B1P16*, B21T18*, AE8Z7*		
* These models eliminated without replacement		
** Also use KCC101-1 Valve Conversion Kit		

MOUNTING CONVERSION KITS

CAT. NO.	KIT NO.	CONVERTS:
25869	M322	P Series to AE Series
25872	M417-2	AU Series to AK Series
25871	M417-4	AU Series to AJ Series
25874	M417-6	AH Series to AJ Series
	M417-10*	AU Series to AJ Series

CAT. NO.	KIT NO.	CONVERTS:
25870	M417-1	P Series to AK Series
25873	M417-3	U4P12 Series to AE Series
25876	M417-5	CL Series to AH Series
25875	M417-7	B Series to AJ Series
25877	M417-9	AK Series to AE Series

* Special — Metters

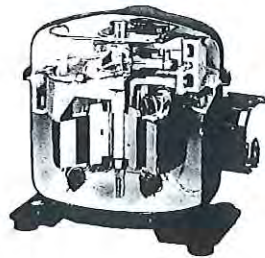


L'UNITÉ HERMÉTIQUE S.A. COMPRESSORS

Licence Tecumseh



MODELS AEZ/CAEZ



MODELS AE/CAE



MODELS AJ/CAJ/TAJ

LOW BACK PRESSURE MODELS (240 Volt 50 Hz.)

CAT. NO.	MODEL	HP (1)	Refrig.	Cylinder Displacement cm ³ /rev	Motor Type (2)	Expansion Device (3)	Cooling (4)	CAPACITY – WATTS (BTU/HR) (5)				
								EVAPORATING TEMPERATURE				
								-40°C -40°F	-35°C -31°F	-23.3°C -10°F	-15°C +5°F	-10°C +14°F
258103	AEZ1332A	1/10	12	4.05	RSIR	C	N/F	18 (60)	73 (248)	121 (412)	156 (532)	
258104	AEZ1336A	1/8	12	4.50	RSIR	C	N/F	29 (100)	90 (308)	143 (488)	178 (608)	
258105	AEZ1343A	1/6	12	5.50	RSIR	C	N/F	41 (140)	108 (368)	179 (612)	223 (760)	
258106	AEZ1360A	1/5	12	7.55	RSIR	C	OC	65 (220)	158 (540)	246 (840)	302 (1032)	
	AEZ1360A	1/5	12	7.55	RSIR	C	N/F					
258107	AEZ1380A	1/4	12	8.85	RSIR	C	OC	94 (320)	204 (696)	317 (1080)	387 (1320)	
	AEZ1380A	1/4	12	8.85	RSIR	C	N/F					
258100	CAE4ZF11	1/4	12	8.85	CSIR	C/V	F	117 (400)	276 (940)	434 (1480)	528 (1800)	
	AE1410A	1/3	12	12.05	RSIR	C	OC					
258108	AE1410A	1/3	12	12.05	RSIR	C	F	158 (540)	346 (1180)	498 (1700)	621 (2120)	
25895	CAE2410A	1/3	12	12.05	CSIR	C/V	F					
25896	CAE2412A	3/8	12	14.15	CSIR	C/V	F	117 (400)	176 (600)	422 (1440)	645 (2200)	821 (2800)
25894	AE1417L	1/2	502	11.30	RSIR	C	F	176 (600)	264 (900)	633 (2160)	997 (3400)	1243 (4240)
258111	CAJ2428L	1/2	502	15.20	CSIR	C/V	F	235 (800)	621 (2120)	985 (3360)	1231 (4200)	
258115	CAJ2T12	1/2	12	26.15	CSIR	C/V	F	322 (1100)	469 (1600)	997 (3400)	1548 (5280)	1934 (6600)
258112	CAJ2446L	3/4	502	26.15	CSR	C/V	F					

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Note: Three Phase Models available on application.

NOTES : (1) CONVERSION: HP multiplied by 746 = WATTS WATTS multiplied by 0.001333 = HP
 (2) MOTOR TYPE: RSIR = Resistance Start Induction Run CSIR = Capacitor Start Induction Run
 CSR = Capacitor Start and Run TRI = Three Phase
 (3) EXPANSION DEVICE: C = Capillary Tube V = Expansion Valve
 (4) COOLING: N = Natural Air Flow F = Fan Cooled OC = With Oil Cooler
 (5) CAPACITY: Ambient Temperature +32°C (+90°F), Return Gas Temperature +32°C (+90°F), Condensing Temperature +54.5°C (+130°F), Liquid Temperature entering expansion valve +32°C (+90°F)
 CONVERSION: BTU/HR multiplied by 0.293 = WATTS WATTS multiplied by 3.412 = BTU/HR

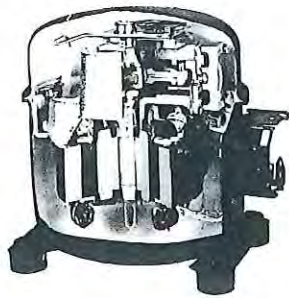
REFER PAGE 258-c FOR MEDIUM/HIGH BACK PRESSURE MODELS & PAGE 258-d FOR AIR CONDITIONING MODELS



L'UNITE HERMETIQUE S.A.
COMPRESSORS

Licence

Tecumseh



MODELS AE/CAE

(240 Volt 50 Hz.)

MODELS AJ/CAJ/TAJ

MEDIUM/HIGH BACK PRESSURE MODELS

CAT. NO.	MODEL	HP (1)	Refrig.	Cylinder Displacement cm ³ /rev	Motor Type (2)	Expansion Device (3)	Cooling (4)	CAPACITY - WATTS (BTU/HR) (5)				
								EVAPORATING TEMPERATURE				
								-25°C	-15°C	0°C	+7.2°C	+15°C
								-13°F	+5°F	+32°F	+45°F	+59°F
258110	CAE59ZF9	1/5	12	7.55	CSIR	C/V	F	293 (1000)	539 (1840)	686 (2340)	868 (2960)	
258101	CAE41ZF11	1/4	12	8.85	CSIR	C/V	F	375 (1280)	686 (2340)	891 (3040)	1161 (3960)	
258102	CAE4470L	1/2	502	13.25	CSR	C/V	F	762 (2600)	1524 (5200)	1993 (6800)	2603 (8880)	
258113	CAJ4452A	1/3	12	15.20	CSIR	C/V	F	252 (860)	516 (1760)	1137 (3880)	1524 (5200)	2052 (7000)
258114	CAJ4461A	1/2	12	18.30	CSIR	C/V	F	287 (980)	621 (2120)	1313 (4480)	1782 (6080)	2403 (8200)
258116	CAJ4492A	3/4	12	29.95	CSIR	C/V	F	446 (1520)	950 (3240)	1993 (6800)	2579 (8800)	3517 (12000)
258117	CAJ4511A	1	12	32.70	CSR	C/V	F	727 (2480)	1348 (4600)	2638 (9000)	3517 (12000)	4631 (15800)

Note: Three Phase Models available on application.

- NOTES :**
- (1) **CONVERSION:** HP multiplied by 746 = WATTS
 - (2) **MOTOR TYPE:** RSIR = Resistance Start Induction Run
CSR = Capacitor Start and Run
 - (3) **EXPANSION DEVICE:** C = Capillary Tube
 - (4) **COOLING:** N = Natural Air Flow F = Fan Cooled
 - (5) **CAPACITY:** Ambient Temperature +32°C (+90°F), Return Gas Temperature +32°C (+90°F), Condensing Temperature +54.5°C (+130°F), Liquid Temperature entering expansion valve +32°C (+90°F)
- WATTS multiplied by 0.001333 = HP
 CSIR = Capacitor Start Induction Run
 TRI = Three Phase
 V = Expansion Valve
 OC = With Oil Cooler
 BTU/HR multiplied by 0.293 = WATTS
 WATTS multiplied by 3.412 = BTU/HR
- CONVERSION:**
- REFER PAGE 258-b FOR LOW BACK PRESSURE MODELS & PAGE 258-d FOR AIR CONDITIONING MODELS

ACTROL KEEPS YOU UP - TO - DATE

WE ARE CONTINUALLY STUDYING THE LOCAL AND INTERNATIONAL MARKETS
TO MAKE AVAILABLE THE MOST MODERN TYPE OF EQUIPMENT



L'UNITÉ HERMÉTIQUE S.A. Licence Tecumseh

COMPRESSORS

258-d



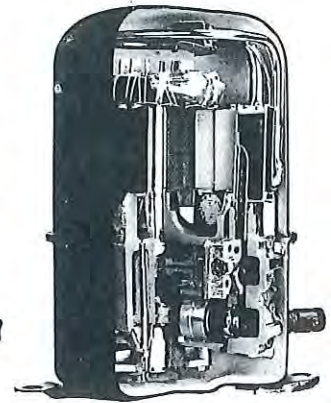
MODELS AJ/CAJ/TAJ



MODELS AE/CAE



MODELS AH/TAH



STANDARD AIR CONDITIONING MODELS (240 Volt 50 Hz.)

CAT. NO.	MODEL	Refrig.	Cylinder Displacement cm ³ /rev	Motor Type (2)	Expansion Device (3)	Cooling (4)	CAPACITY WATTS (BTU/HR) (5)			
							EVAPORATING TEMPERATURE			
							-10°C	0°C	+7.2°C	+9.4°C
							+14°F	+32°F	+45°F	+49°F
258118	AJ5510F	22	18.60	PSC/CSR	C	F	997 (3400)	1729 (5900)	2380 (8120)	2697 (9200)
258119	AJ5512E	22	21.75	PSC/CSR	C	F	1266 (4320)	2052 (7000)	2796 (9540)	3165 (10800)
258123	AJ5513E	22	24.20	PSC/CSR	C	F	1466 (5000)	2345 (8000)	3207 (10940)	3576 (12200)
258120	AJ5515E	22	25.95	PSC/CSR	C	F	1700 (5800)	2638 (9000)	3576 (12200)	3986 (13600)
258121	AJ5518E	22	32.70	PSC/CSR	C	F	2169 (7400)	3400 (11600)	4572 (15600)	5135 (17520)
258122	AJ5519E	22	34.45	PSC/CSR	C	F	2345 (8000)	3634 (12400)	4842 (16520)	5452 (18600)
258133	AH5524E	22	43.50	PSC/CSR	C	F	2579 (8800)	4221 (14400)	5745 (19600)	6378 (21760)
258135	AH5527E	22	49.10	PSC/CSR	C	F	2814 (9600)	4807 (16400)	6595 (22500)	7386 (25200)
258137	AH5531E	22	56.65	PSC/CSR	C	F	3517 (12000)	5686 (19400)	7597 (25920)	8383 (28600)

Note: Three Phase Models available on application.

HIGH EFFICIENCY AIR CONDITIONING MODELS (240 Volt 50 Hz.)

CAT. NO.	MODEL	Refrig.	Cylinder Displacement cm ³ /rev	Motor Type (2)	Expansion Device (3)	Cooling (4)	CAPACITY WATTS (BTU/HR) (5)			
							EVAPORATING TEMPERATURE			
							0°C	+7.2°C	+9.4°C	+15°C
							+32°F	+45°F	+49°F	+59°F
	AE8475E	22	11.70	PSC	C	F	1126 (3840)	1782 (6080)	1817 (6200)	2228 (7600)
	AJ8494E	22	14.25	PSC	C	F	1348 (4600)	2052 (7000)	2275 (7760)	2872 (9800)
	AJ8514E	22	20.95	PSC	C	F	2228 (7600)	3095 (10560)	3400 (11600)	4338 (14800)
	AJ8516E	22	23.95	PSC	C	F	2521 (8600)	3611 (12320)	3986 (13600)	5041 (17200)
	AJ8520E	22	29.00	PSC	C	F	3142 (10720)	4291 (14640)	4690 (16000)	5862 (20000)

NOTES: (1) CONVERSION: HP multiplied by 746 = WATTS
 (2) MOTOR TYPE: RSIR = Resistance Start Induction Run
 CSR = Capacitor Start and Run
 C = Capillary Tube
 (3) EXPANSION DEVICE: N = Natural Air Flow F = Fan Cooled
 (4) COOLING:
 (5) CAPACITY: Standard Air Conditioning Models.
 Ambient Temperature +35°C (+95°F), Return Gas Temperature +35°C (+95°F), Condensing Temperature +54.5°C (+130°F), Liquid Temp. entering expansion valve +46.1°C (+115°F).
 High Efficiency Air Conditioning Models.
 Ambient Temperature +35°C (+95°F), Return Gas Temperature +18.3°C (+65°F), Condensing Temperature +48.9°C (+120°F), Liquid Temp. entering expansion valve +37.8°C (+100°F).
 CONVERSION: BTU/HR multiplied by 0.293 = WATTS WATTS multiplied by 3.412 = BTU/HR

REFER PAGE 258-b FOR LOW BACK PRESSURE MODELS & PAGE 258-c FOR MEDIUM/HIGH BACK PRESSURE MODELS

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COMPRESSOR CROSS REFERENCE

REFRIGERATION

(240 Volt 50 Hz.)

REFRIGERATION UP TO 1000 WATTS CAPACITY (3412 BTU/HR)												
SINGLE PHASE UNITS — LOW BACK PRESSURE MODELS												
RATED CAPACITY AT -23.3°C (-10°F) EVAPORATING TEMP., 54.5°C (130°F) CONDENSING TEMP.												
R12 UNITS — 50 Hz. POWER SUPPLY												
L'UNITE HERMETIQUE COMPRESSORS						KIRBY COMPRESSORS						
Comp. Cooling	Exp. Device	Motor Type	Nom. HP	Compressor Model	WATTS	CAPACITY RANGE WATTS	WATTS	Compressor Model	Nom. HP	Motor Type	Exp. Device	Comp. Cooling
						60 - 70	63	AE1322A	1/16	RSIR	C	N
N/F	C	RSIR	1/10	AEZ1322A	73	71 - 80	78	AE12Z7	1/12	RSIR	C	N
N/F	C	RSIR	1/8	AEZ1336A	90	81 - 90	90	AE8ZA7	1/8	RSIR	C	N
						91 - 100						
N/F	C	RSIR	1/6	AEZ1343A	108	101 - 110	110	AE6ZD7	1/6	RSIR	C	OC
						111 - 120						
						121 - 130						
						131 - 140						
						141 - 150	150	AE5ZF9	1/5	RSIR	C	OC
OC	C	RSIR	1/5	AEZ1360A	158	151 - 160						
N/F	C	RSIR	1/5	AEZ1360A	158							
						161 - 170						
						171 - 180	180	AE4ZF11	1/4	RSIR	C	OC
						181 - 190						
						191 - 200						
OC	C	RSIR	1/4	AEZ1380A	204	201 - 220						
N/F	C	RSIR	1/4	AEZ1380A	204							
F	C/V	CSIR	1/4	CAE4ZF11	204		220	AE4ZG12	1/4	RSIR	C	OC
						221 - 240						
						241 - 260	250	AE1385A	1/4	RSIR	C	OC
OC	C	RSIR	1/3	AE1410A	276	261 - 280						
F	C	RSIR	1/3	AE1410A	276							
F	C/V	CSIR	1/3	CAE2410A	276							
						281 - 300						
F	C/V	CSIR	3/8	CAE2412A	346	301 - 350	330	AE1411A	1/4	RSIR	C	OC
							330	AE2411A	1/4	CSIR	C/V	F
						351 - 400						
						401 - 450						
						451 - 500	480	AJ2416A	1/3	CSIR	C/V	
						501 - 550						
						551 - 600						
F	C/V	CSIR	1/2	CAJ2T12	621	601 - 650	650	AJ2422A	1/2	CSIR	C/V	
						651 - 700						
						701 - 750						
						751 - 800	790	AJ2427A	3/4	CSR	C/V	
						801 - 850						
						851 - 900						
						901 - 950						
F	C/V	CSR	3/4	CAJ2446L	997	951 - 1000	1000	AH2434A	1	CSR	C/V	

NOTES: Motor Types —
 RSIR = Resistance Start Induction Run. CSIR = Capacitor Start Induction Run. CSR = Capacitor Start and Run.
 Expansion Device —
 C = Capillary Tube V = TX Valve C/V = Capillary or TX Valve
 Compressor Cooling —
 N = Natural Air Flow. F = Fan Cooled. OC = With Oil Cooler.
CONVERSION: HP multiplied by 746 = Watts. Watts multiplied by 0.001333 = HP.
 Watts multiplied by 3.142 = BTU/HR. BTU/HR multiplied by 0.2931 = Watts.

L'UNITE HERMETIQUE COMPRESSORS — Refer Page 258-b. KIRBY COMPRESSORS — Refer Page 258

This Cross Reference has been compiled as a comparative reference only and we assume no liability for its use or misuse. Capacities and technical data shown are based on manufacturers published data E & O.E.

NOTES

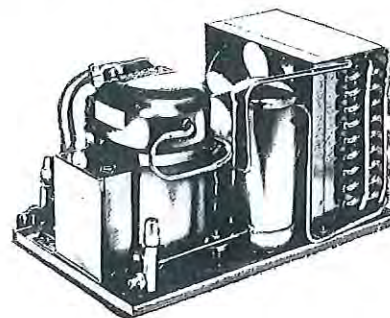
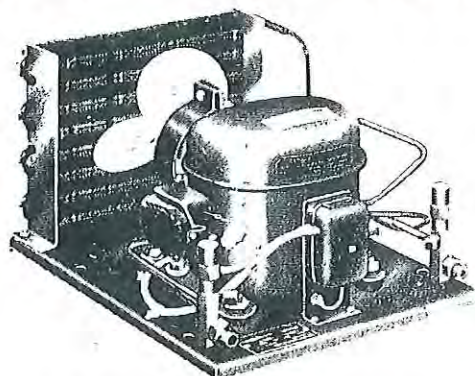
4

NAME IT AND WE'VE PROBABLY GOT IT IN OUR WIDELY ASSORTED STOCK

NOTES

WE ARE AS NEAR AS YOUR NEAREST TELEPHONE — WE HAVE TELEX TOO

KIRBY - TECUMSEH CONDENSING UNITS



"AE" SERIES AIR COOLED CONDENSING UNITS

This compact series of condensing units is designed for a wide range of applications, particularly where machine space is limited. Suitable for low temperature use, such as refrigerators and freezers, they are also available for medium and high temperature applications for dehumidifiers, vending machines, water coolers, etc. The two-pole Tecumseh Model AE hermetic compressors used on these units have been specially designed, each for its particular application. Plug-on relays and spring-retained overloads, conveniently located for easy installation and service, are also features of these units, and all compressors are mounted on rubber grommets to reduce the running noise level and vibration.

SPECIFICATIONS - 240V. 50 Hz.

	CAT. NO.	MODEL	COMP.	NOM. HP	MOTOR TYPE	APPLICATION			DISP. CM ³ /r	CONN. LINES		Comp. Oil Charge ml
						RANGE	REFRIG.	CONT.		SUCT. mm	LIQ. mm	
LOW TEMP. MODELS	2591	AE5ZF9L	AE5ZF9	1/5	RSIR	LST	R12	CAP	7.57	9.6	6.4	592
	2596	AE2411AA	AE2411A	1/4	CSIR	LST	R12	CAP	14.14	9.6	6.4	651
	2597	AE2411AB		1/4		LST	R12	TX				
MED. TEMP. MODELS	2592	AE6ZD7M	AE6ZD7	1/6	RSIR	L-M	R12	CAP	5.47	9.6	6.4	384
	2593	AE5ZF9M	AE5ZF9	1/5	RSIR	L-M	R12	CAP	7.57	9.6	6.4	592
	2594	AE7416AA	AE7416A	1/4	CSIR	L-M	R12	CAP	10.25	9.6	6.4	503
	2595	AE7416AB		1/4		L-M	R12	TX				
	25911	AE7423AA	AE7423A	1/3	CSIR	M-H	R12	CAP	14.14	9.6	6.4	651
	25912	AE7423AB		1/3		M-H	R12	TX				
HIGH TEMP. MODELS	2598	AE6ZA7H	AE6ZA7	1/6	RSIR	M-H	R12	CAP	4.49	9.6	6.4	384
	2599	AE4425AA	AE4425A	1/4	CSIR	M-H	R12	CAP	8.88	9.6	6.4	503
	25910	AE4425AB		1/4		M-H	R12	TX				

Application Notes: 1. Suffix 'B' in Model = Liquid Receiver fitted.

2. The return vapour temperature at the compressor inlet should not exceed 20°C (34°F) maximum above evap. temp.

"AJ" SERIES AIR COOLED CONDENSING UNITS

The Tecumseh 'AJ' Series high starting torque, air-cooled, hermetic Condensing Units are available for low, medium, and high suction temperature applications, and are suited to both capillary tube and expansion valve systems.

A base mounted junction/electrical component box is provided for ease of testing and service in the field.

To meet Australian climatic conditions, these units have been extensively tested through a range of ambient temperatures up to 43°C.

SPECIFICATIONS - 240 V. 50Hz

CAT. NO.	MODEL	COMP.	NOM. HP	MOTOR TYPE	APPLICATION			Displ. cm ³ /rev	CONN. LINES		Comp. Oil Charge ml
					Range	Refrig.	Control		Suction mm	Liquid mm	
25913	AJ2416AA	AJ2416A	1/3	CSIR	LST	R12	CAP	19.75	12.7	6.4	890
25914	AJ2416AB						TX				
25915	AJ2422AA	AJ2422A	1/2	CSIR	LST	R12	CAP	26.10	12.7	6.4	890
25916	AJ2422AB						TX				
25917	AJ2427AA	AJ2427A	3/4	CSR	LST	R12	CAP	34.24	15.9	9.5	890
25918	AJ2427AB						TX				
	AJ2425JA	AJ2425A	1/2	CSR	LST	R502	CAP	18.30	12.7	6.4	890
	AJ2425JB						TX				
	AJ2435JA	AJ2435A	3/4	CSR	LST	R502	CAP	22.80	15.9	6.4	890
25929	AJ2435JB						TX				
25919	AJ2448JA	AJ2448J	1	CSR	LST	R502	CAP	32.60	15.9	9.5	890
25920	AJ2448JB						TX				
25927	AJ7428AA	AJ7428A	1/3	CSIR	MST	R12	CAP	18.30	9.5	6.4	890
25928	AJ7428AB						TX				
25921	AJ7434AA	AJ7434A	1/2	CSIR	MST	R12	CAP	19.75	12.7	6.4	890
25922	AJ7434AB						TX				
25923	AJ7445AA	AJ7445A	3/4	CSIR	MST	R12	CAP	26.10	15.9	9.5	890
25924	AJ7445AB						TX				
25925	AJ7457AA	AJ7457A	1	CSR	MST	R12	CAP	34.20	15.9	9.5	890
25926	AJ7457AB						TX				

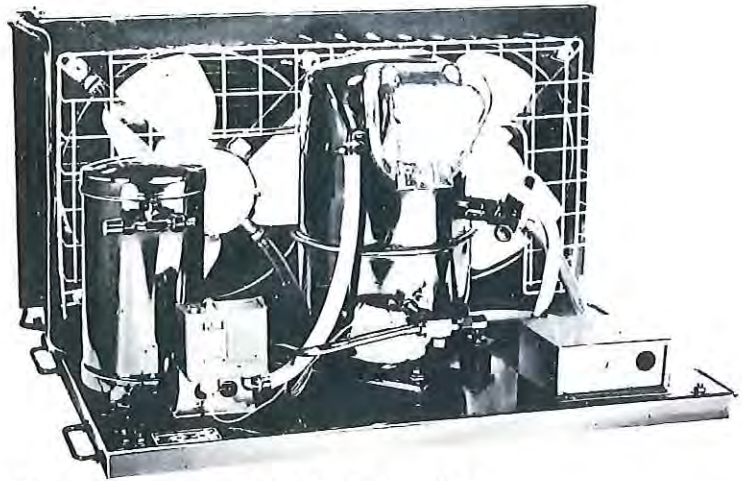
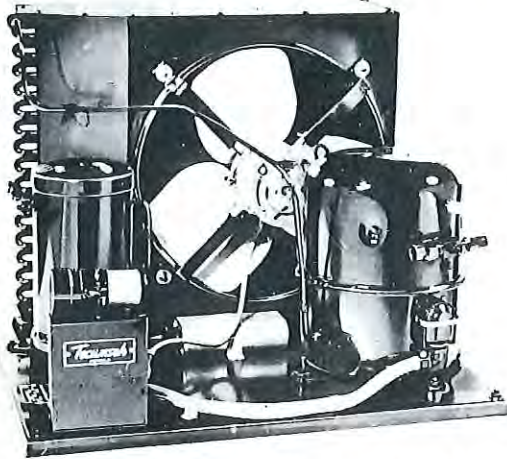
Application Notes:

- (1) Suffix 'B' in Model = Liquid Receiver fitted
- (2) R502 Models should be fitted with crankcase pressure regulator
- (3) The return vapour temperature at the compressor inlet should not exceed 20°C (34°F) maximum above evaporator temperature.

CAPACITY DATA - REFER Tech. Page 259-b

NAME IT AND WE'VE PROBABLY GOT IT IN OUR WIDELY ASSORTED STOCK

KIRBY-TECUMSEH CONDENSING UNITS



'AH' & 'TAH' SERIES AIR COOLED CONDENSING UNITS

The Tecumseh line of AH and TAH Condensing Units offers a range of models from 1 to 6 HP with R12, R22, R502, designs available. All compressors in this series are fitted with an anti slug device, to assist in protecting the compressor from damage due to liquid or oil slugging. An internal Pressure Relief Valve is also fitted to R22 models to guard against higher than normal discharge pressures. A line break internal motor protector is fitted to compressor motors in this series. Other features include Rotolock Suction Service Valves and moisture sealed compressor terminal covers. An electrical junction box, base mounted is provided.

CAT. NO.	MODEL	COMP.	NOM. HP	MOTOR TYPE	APPLICATION			Displ. cm ³ /rev	CONN. LINES		Comp. Oil Charge ml
					Range	Refrig.	Control		Suction mm	Liquid mm	
25974	AH2434AA	AH2434A	1	CSR	LST	R12	CAP	48.9	15.9	9.5	1630
25975	AH2434AB						TX				
	AH2467JB	AH2467J	1.5	CSR	LST	R502	TX	48.9	15.9	9.5	1630
	AH2492JB	AH2492J	2	3 PH	LST	R502	TX	74.03	22.5	9.5	1630
25983	TAH2468AB	AH2434A	2 x 1	3 PH	LST	R12	TX	2x48.9	15.9	9.5	1630
25977	AH4514AB	AH4514A	1.5	CSR	M/HST	R12	TX	48.9	15.9	9.5	1630
25976	AH4514AB			3 PH							
25987	AH4521AB	AH4521A	2	CSR	M/HST	R12	TX	74.03	22.2	9.5	1630
25978	AH4521AB			3 PH							
25984	TAH4542AB	AH4521A	2 x 2	3 PH	M/HST	R12	TX	2x74.03	22.2	12.7	1630
25981	AH5520EA	AH5520E	2	PSC	HST	R22	CAP	43.44	15.9	9.5	1335
25980	AH5520EB			3 PH			TX				
25982	AH5533EB	AH5533E	3	3 PH	M/HST	R22	TX	74.03	22.2	9.5	1630
25985	TAH5566EB	AH5533E	2 x 3	3 PH	M/HST	R22	TX	2x74.03	22.2	12.7	1630

'AG', 'CL' & 'TCL' SERIES AIR COOLED CONDENSING UNITS

The Kirby AG, CL and TCL Series Air Cooled Condensing Units are available for medium and high suction temperature applications with R12 and R22 with some models suitable for low suction temperature applications on R502. AG Series Compressors have a linebreak internal overload motor protector. CL Series Compressors have an internal thermostat built into the motor windings for accurate and sensitive control of motor temperature. This thermostat in combination with external supplementary overloads provides fully automatic inherent protection. These components connected in the pilot circuit control the contactor. Other features include Rotolock or Base Service Valves, moisture sealed terminal covers and a high pressure cut-out control.

CAT. NO.	MODEL	COMP.	NOM. HP	MOTOR TYPE	APPLICATION			Displ. cm ³ /rev	CONN. LINES		Comp. Oil Charge ml
					Range	Refrig.	Control		Suction mm	Liquid mm	
	AG4534AB	AG4534A	2.8	3PH	M/HST	R12	TX	100.8	22.2	12.7	1925
	AG4543AB	AG4543A	3.5	3PH	M/HST	R12	TX	124.4	22.2	12.7	1925
	AG5553FB1	AG5553F	4.0	3PH	M/HST	R22	TX	100.8	22.2	12.7	1335
	AG5561FB1	AG5561F	5.0	3PH	M/HST	R22	TX	112.5	22.2	12.7	1335
259101	CL5122HTK2	CL512H17	5.0	3PH	M/HST	R22	TX	116.2	22.2	12.7	1654
259103	TCL5112HTK1*	2xCL2612ZA17	2 x 2.5	3PH	M/HST	R12	TX	2 x 92.9	22.2	12.7	2 x 1654
259107	TCL6112HTK1*	2xCL31ZH17	2 x 3.0	3PH	M/HST	R12	TX	2 x 116.2	22.2	12.7	2 x 1654

Application Notes:

1. Suffix 'B' in Model = Liquid Receiver fitted.
2. R502 Models should be fitted with crankcase pressure regulator.
3. Units marked with an asterisk (*) are suitable for R502 refrigerant applications.
4. The return vapour temperature at the compressor inlet should not exceed 20°C (34°F) maximum above evaporator temperature.

AIR CONDITIONING CONDENSING UNITS

These are units designed with the capability to handle split system air conditioning applications and offer the following features:- Easily accessible control panel - High efficiency condenser - Reverse cycle models - Crankcase heater - Compressor fitted with internal pressure relief valve - Internal protector fitted to compressor motor - Unit base anti-rust treated and drained - De-icing control - Suction line accumulator - Low pressure switch - Low unit height - Ventilated, stormproof and sound absorbing cover.

CAT. NO.	MODEL	COMP.	NOM. HP	MOTOR TYPE	APPLICATION			Displ. cm ³ /rev	CONN. LINES		Comp. Oil Charge ml
					Range	Refrig.	Control		Suction mm	Liquid mm	
259111	AH5520EA	AH5520E	2.0	PSC	HST	R22	CAP.	43.4	12.7	9.6	1335
	AH5523EA	AH5523E	2.25	PSC	HST	R22	CAP.	49.0	12.7	9.6	1335
	AH5523EA	2xAH5523E	2 x 2.5	PSC	HST	R22	CAP.	2 x 49.0	2 x 12.7	2 x 9.6	2 x 1335
	AJ5516EA	2xAJ5516E	2 x 1.5	PSC	HST	R22	CAP.	2 x 34.2	2 x 12.7	2 x 9.6	2 x 890
259113	AH5533EA	AH5533E	3.0	3PH	HST	R22	CAP.	74.1	19.0	12.7	1626
	AG5553FA	AG5553F	4.0	3PH	HST	R22	CAP.	100.8	19.0	12.7	1335
	AG5561FA	AG5561F	5.0	3PH	HST	R22	CAP.	112.5	19.0	12.7	1335

KIRBY - TECUMSEH CONDENSING UNITS

CAPACITY RATINGS (FOR UNITS DETAILED ON PAGES 259 AND 259-a)

CONDENSING UNIT CAPACITIES - W (WATTS)														
MODEL	Refrig.	Applic. Range	Motor Type	SATURATED SUCTION TEMPERATURE - °C										
				-40	-35	-30	-25	-20	-15	-10	-5	0	+5	+10
AE SERIES														
AE5ZF9L	R12	LST	RSIR	—	87	113	146	185	228	278	—	—	—	—
AE2411AA/AB	R12	LST	CSIR	—	220	287	371	469	580	707	—	—	—	—
AE6ZD7M	R12	L/MST	RSIR	—	—	—	—	138	170	207	250	299	357	—
AE5ZF9M	R12	L/MST	RSIR	—	—	—	—	190	234	286	344	412	492	—
AE7416AA/AB	R12	L/MST	CSIR	—	—	—	—	291	360	439	529	633	756	—
AE7423AA/AB	R12	M/HST	CSIR	—	—	—	—	380	470	573	691	828	987	—
AE6ZA7H	R12	M/HST	RSIR	—	—	—	—	118	146	178	214	256	306	364
AE4425AA/AB	R12	M/HST	CSIR	—	—	—	—	251	310	378	445	545	651	775
AJ SERIES														
AJ2416AA/AB	R12	LST	CSIR	—	262	342	441	559	690	841	—	—	—	—
AJ2422AA/AB	R12	LST	CSIR	—	338	441	569	720	888	1083	—	—	—	—
AJ2427AA/AB	R12	LST	CSR	—	475	620	799	1011	1248	1522	—	—	—	—
AJ2425JA/JB	R502	LST	CSR	—	380	520	650	815	980	—	—	—	—	—
AJ2435JA/JB	R502	LST	CSR	—	545	690	870	1070	1300	—	—	—	—	—
AJ2448JA/JB	R502	LST	CSR	640	848	1083	1368	1691	2040	—	—	—	—	—
AJ7428AA/AB	R12	MST	CSIR	—	—	—	—	546	675	824	992	1188	1417	1685
AJ7434AA/AB	R12	MST	CSIR	—	—	—	—	631	780	952	1146	1372	1638	—
AJ7445AA/AB	R12	MST	CSIR	—	—	—	—	768	960	1170	1411	1689	2016	—
AJ7457AA/AB	R12	MST	CSR	—	—	—	—	990	1223	1493	1779	2152	2569	—
AH & TAH SERIES														
AH2434AA/AB	R12	LST	CSR	—	638	833	1075	1360	1680	2049	—	—	—	—
AH2467JB	R502	LST	CSR	870	1156	1476	1865	2304	2780	—	—	—	—	—
AH2492JB	R502	LST	3PH	1330	1768	2256	2851	3523	4250	—	—	—	—	—
AH4514AB	R12	M/HST	CSR/3PH	—	—	—	—	1540	1904	2322	2790	3351	3998	4760
AH4521AB	R12	M/HST	CSR/3PH	—	—	—	—	2029	2505	3056	3682	4408	5260	6262
AH5520EA/EB	R22	HST	PSC/3PH	—	—	—	—	—	2622	3136	3703	4346	5041	5912
AH5533EB	R22	M/HST	3PH	—	—	—	—	3666	4444	5315	6275	7363	8541	10017
TAH2468AB	R12	LST	3PH	—	1148	1496	1932	2445	3017	3680	—	—	—	—
TAH4542AB	R12	M/HST	3PH	—	—	—	—	4130	5100	6222	7497	8974	10706	12740
TAH5566EB	R22	M/HST	3PH	—	—	—	—	7313	8864	10601	12516	14688	17037	19980
AG SERIES														
AG4534AB	R12	M/HST	3PH	—	—	—	—	—	—	4060	4980	5950	7050	8100
AG4543AB	R12	M/HST	3PH	—	—	—	—	—	—	5700	7000	8400	9900	11450
AG5553FB	R22	M/HST	3PH											
AG5561FB	R22	M/HST	3PH											

PERFORMANCE RATING BASIS: Ambient Temperature 32°C, 20°C Return vapour (inherent subcooling).

AIR CONDITIONING UNITS					
AH5520EA	R22	HST	PSC	5400 Watts	AIR CONDITIONING RATING CONDITIONS Ambient temperature 35°C Saturated suction temperature 7.5°C Vapour leaving 14°C Return vapour entering Compressor 20°C (inherent sub-cooling of liquid)
AH5523EA*	R22	HST	PSC	12400 Watts	
AJ5516EA	R22	HST	PSC	4700 Watts	
AH5533EA	R22	HST	3 PH	9200 Watts	
AG5553FA	R22	HST	3 PH	12400 Watts	
AG5561FA	R22	HST	3 PH	14100 Watts	

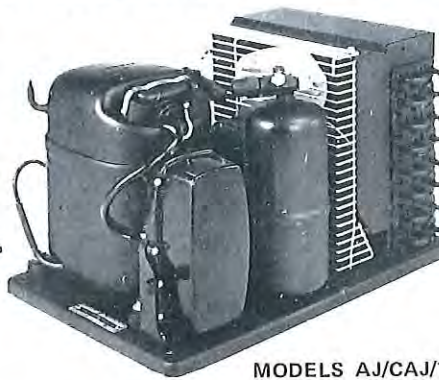
* NOTE: Model AH5523EA comprises two individual High-sides each of which operates independent of the other. Where applied to a common load each High-side requires its own separate Evaporator circuit. This arrangement can provide for either 50% or 100% capacity for the area design load.
 N.B.: These units must not be connected in parallel.



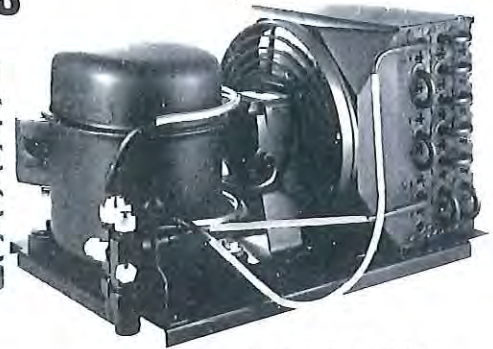
FAN COOLED CONDENSING UNITS



MODELS AEZ/CAEZ



MODELS AJ/CAJ/TAJ



MODELS AE/CAE

LOW BACK PRESSURE MODELS (240 Volt 50 Hz.)

CAT. NO.	MODEL	HP (1)	Refrig.	Motor Type (2)	Expansion Device (3)	CAPACITY – WATTS (BTU/HR) (4)				
						EVAPORATING TEMPERATURE				
						-40°C -40°F	-35°C -31°F	-23.3°C -10°F	-15°C +5°F	-10°C +14°F
25948	CAE4ZF11BR	1/4	12	CSIR	C/V	117 (400)	223 (760)	317 (1080)	363 (1240)	
25947	AE1410AB	1/3	12	RSIR	C	141	281	387	469	
25940	CAE2410ABR	1/3	12	CSIR	C/V	(480)	(960)	(1320)	(1600)	
25942	CAE2412ABR	3/8	12	CSIR	C/V	176 (600)	352 (1200)	498 (1700)	586 (2000)	
25941	AE1417LB	1/2	502	RSIR	C	211 (720)	293 (1000)	498 (1700)	645 (2200)	739 (2520)
25943	CAJ2428LBR	1/2	502	CSIR	C/V	293 (1000)	410 (1400)	721 (2460)	967 (3300)	1126 (3840)
25952	CAJ2T12BR	1/2	12	CSIR	C/V	381 (1300)	750 (2560)	1102 (3760)	1348 (4600)	
25955	CAJ2446LBR	3/4	502	CSR	C/V	469 (1600)	645 (2200)	1114 (3800)	1524 (5200)	1759 (6000)

Note: Three Phase Units available on application.

- NOTES : (1) CONVERSION: HP multiplied by 746 = WATTS WATTS Multiplied by 0.001333 = HP
 (2) MOTOR TYPE: RSIR = Resistance Start Induction Run CSIR = Capacitor Start Induction Run
 CSR = Capacitor Start and Run TRI = Three Phase
 (3) EXPANSION DEVICE: C = Capillary Tube V = Expansion Valve
 (4) CAPACITY: Ambient Temperature +32°C (+90°F), Return Gas Temperature +32°C (+90°F), Temperature of refrigerant at condenser outlet and at expansion valve inlet within the condensing limits of the unit.

CONVERSION: BTU/HR multiplied by 0.293 = WATTS WATTS multiplied by 3.412 = BTU/HR
 REFER NEXT PAGE FOR MEDIUM/HIGH BACK PRESSURE MODELS & PAGES 258-b/c/d FOR COMPRESSORS

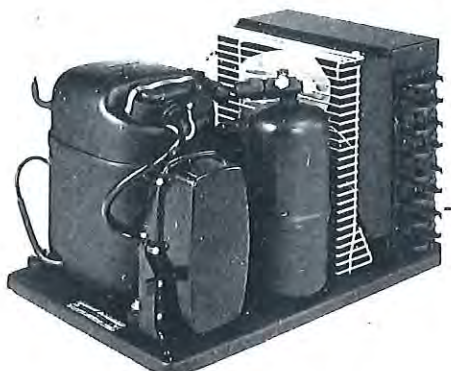
IF IT IS NOT LISTED IN THIS CATALOGUE — ASK US ANYWAY
 WE HAVE MANY ITEMS AND ACCESSORIES, TOO NUMEROUS TO LIST
 WE CAN PROBABLY HELP YOU



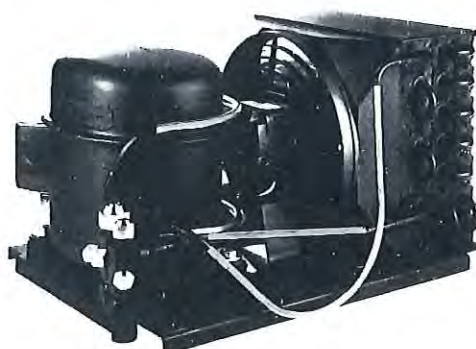
L'UNITÉ HERMÉTIQUE S.A. Licence *Tecumseh*



FAN COOLED CONDENSING UNITS



MODELS AJ/CAJ/TAJ



MODELS AE/CAE

MEDIUM/HIGH BACK PRESSURE MODELS (240 Volt 50 Hz.)

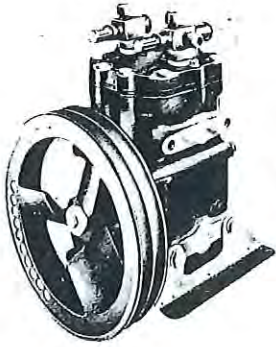
CAT. NO.	MODEL	HP (1)	Refrig.	Motor Type (2)	Expansion Device (3)	CAPACITY - WATTS (BTU/HR) (4)				
						EVAPORATING TEMPERATURE				
						-25°C -13°F	-15°C +5°F	0°C +32°F	+7.2°C +45°F	+15°C +59°F
25945	CAE59ZF9HR	1/5	12	CSIR	C/V	287 (980)	475 (1620)	586 (2000)	703 (2400)	
25949	CAE41ZF11HR	1/4	12	CSIR	C/V	340 (1160)	575 (1960)	703 (2400)	868 (2960)	
25946	CAE4470LHR	1/2	502	CSR	C/V	844 (2880)	1407 (4800)	1759 (6000)	2063 (7040)	
25950	CAJ4452AHR	1/3	12	CSIR	C/V	396 (1350)	645 (2200)	1055 (3600)	1290 (4400)	1583 (5400)
25951	CAJ4461AHR	1/2	12	CSIR	C/V	469 (1600)	762 (2600)	1290 (4400)	1583 (5400)	1993 (6800)
25953	CAJ4492AHR	3/4	12	CSIR	C/V	645 (2200)	1055 (3600)	1817 (6200)	2251 (7680)	2697 (9200)
25954	CAJ4511AHR	1	12	CSR	C/V	879 (3000)	1407 (4800)	2345 (8000)	2931 (10000)	3517 (12000)

Note: Three Phase Units available on application.

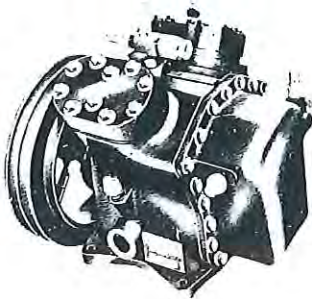
- NOTES :**
- (1) CONVERSION: HP multiplied by 746 = WATTS
 - (2) MOTOR TYPE: RSIR = Resistance Start Induction Run
CSR = Capacitor Start and Run
C = Capillary Tube
 - (3) EXPANSION DEVICE: TRI = Three Phase
V = Expansion Valve
 - (4) CAPACITY: Ambient Temperature +32°C (+90°F), Return Gas Temperature +32°C (+90°F), Temperature of refrigerant at condenser outlet and at expansion valve inlet within the condensing limits of the unit.
- CONVERSION: BTU/HR multiplied by 0.293 = WATTS WATTS multiplied by 3.412 = BTU/HR
- REFER PREVIOUS PAGE FOR LOW BACK PRESSURE MODELS & PAGES 258-b/c/d FOR COMPRESSORS

KIRBY - TECUMSEH "BELT-DRIVEN" COMPRESSORS

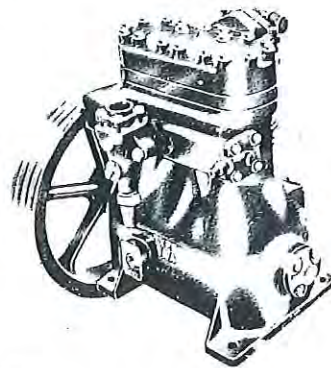
MODEL CG



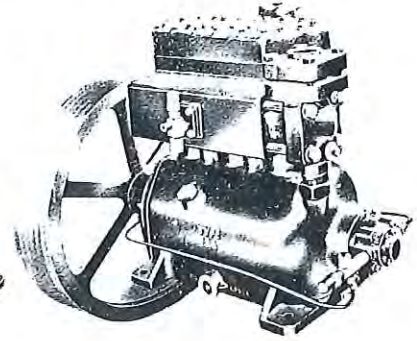
MODEL CJ



MODEL CK



MODEL CM



TWIN CYLINDER MODELS : Model CG (Replaces HGC 1000) is designed for standard commercial refrigeration application. Cast iron crankcase and cylinder head contribute to toughness while aluminum connecting rods and pistons eliminate unneeded weight. Extra large suction and discharge muffler chambers lower operating noise level. Main bearings are ball type and a new method of lubrication — by differential pressure — removes the need for an oil pump. All rotating parts are statically and dynamically balanced.

FOUR CYLINDER MODELS : The Model CH (Replaces VFT) is designed with a built-in lowside oil separator, centrifugal pressure oiling system and high volumetric efficiency. Applications range

from ultra-low temperatures for food preservation to air conditioning using R12 and R22.

The Model CJ (Replaces VFTL) is similar to the CH except it is equipped with a positive displacement oil pump and includes a larger oil reservoir. This model is suitable for direct drive.

THREE CYLINDER MODELS : The three cylinder compressors (Models CK and CM) [Replacing RA and SA] cover the 3 to 20 H.P. range. Model CK for 5, 7½ and 10 H.P. and model CM for 7½, 10, 15 and 20 H.P. All are designed for large heavy duty applications. The CK is lubricated by splash feed and the CM has an internal oil pump for positive pressure lubrication (3 Cylinder Model P has been discontinued).

SPECIFICATIONS

CAT. NO.	MODEL	HP	BORE INS.	STROKE INS.	NO CYLS.	DISPL.	SHUT OFF VALVES		OIL CHARGE	REFRIG.	RPM	
							SUCTION	DISCH.			MIN.	MAX.
2604	CG	1 — 2	1-7/8	1-7/8	2	10.35	5/8" FI.	1/2" FI.	650 cc	R12	500	1500
2605	CH	2 — 3	1-3/4	1-3/4	4	16.80	1-1/8" ODS	5/8" FI.	739 cc	R12	500	1700
2606	CJ	2 — 3 — 5	1-3/4	1-3/4	4	16.80	1-1/8" ODS	5/8" FI.	1478 cc	R22	500	1525
2607	P *	3 — 5	2-1/2	3	3	44.20	1-1/8" ODS	5/8" FI.	7½ PTS	R12	500	1700
2608	CK	5-7½-10	3-1/4	3	3	74.60	1-3/8" ODS	1-1/8" ODS	8 PTS	R12	435	760
2609	CM	10-15-20	4	4-1/4	3	160.20	2-1/8" ODS	1-5/8" ODS	14 PTS	R12	435	850
											400	700

ALL COMPRESSORS EXCEPT MODELS VFT AND VFTL ARE DESIGNED FOR BI-DIRECTIONAL ROTATION

* P Model has been discontinued.

BTU PER HOUR VS. COMPRESSOR SPEED

MODEL	BTU/HOUR AT VARIOUS HEAD PRESSURES										
	EVAPORATING TEMPERATURE °F.										
	Head	RPM	40°	30°	20°	10°	0°	-10°	-20°	-30°	-40°
CG Replaces HGC 1000	120 #	500	10400	8250	6500	5200	3800	2800	2100	1550	1100
		1000	20500	16750	13100	10300	7800	5800	4400	3150	2270
		1500	29000	23600	18750	14700	11600	8600	6300	4600	3400
	150 #	500	9300	7500	6000	4450	3300	2500	1750	1250	900
		1000	18600	14900	11800	9000	7000	5000	3550	2550	1800
		1500	26500	21250	16800	13000	10200	7400	5350	3800	2800
180 #	500	8300	6600	5150	3950	2900	2200	1500	1000	650	
	1000	16550	13300	10500	8000	6000	4300	3100	2100	1400	
	1500	23800	19200	15150	11600	9000	6350	4400	3050	2200	
CH & CJ R12 Replaces VFT & VFTL	120 #	500	16800	13800	11000	8000	6200	4500	3300	2200	1300
		1000	34000	27200	21200	16300	12400	9200	7800	4800	3200
		1500	55200	40800	31600	24200	18400	13800	10000	7200	4800
	150 #	500	15600	12200	9400	7200	5600	4800	2800	1700	1000
		1000	30700	24000	18600	14400	10900	8000	5600	3800	2400
		1500	46000	36000	27600	21400	16200	12000	8700	6000	4000
CH & CJ R22 Replaces VFT & VFTL	200 #	500	24000	19500	15000	11200	8200	6000	4000	3000	2000
		1000	51000	40400	31500	24000	18200	13500	9800	6800	4600
		1500	75000	62000	48000	38000	30000	22000	16000	11000	8700
	250 #	500	21200	16200	12000	8070	6200	4500	3400	2300	1500
		1000	43700	34000	26500	20700	15600	11300	8000	5700	3800
		1500	67000	53000	42700	35200	27000	20400	13600	10000	6200
P (Obsolete)	120 #	430	39700	31500	24500	19500	15000	11100	8000	6000	4300
		700	61000	48300	38300	30500	23200	17500	12800	9700	7400
CK Replaces RA	120 #	450	67000	53000	41700	33000	25300	19000	13800	10300	7900
		700	104000	82000	64800	51000	34300	29500	21500	16200	12000
CM Replaces SA	120 #	450	146000	119000	94000	74000	53000	34000	28000	19000	11000
		700	240000	197000	155000	122000	88000	66000	48000	34000	21000

RATING CONDITIONS : NOTE - All capacity Data is based on the following conditions : —

1. All rating figures are nominal with acceptable limits, plus and minus 5%.
2. Conditions : Ambient 32.2°C (90°F). Return Gas 18.3°C (65°F). No subcooling of liquid before expansion.
3. For each 5.6°C (10°F) increase in Ambient decrease capacity by 6%. For each 5.6°C (10°F) decrease in Ambient increase capacity by 6%.

REFER NEXT PAGE FOR AUTOMOTIVE AIR CONDITIONING COMPRESSORS

KIRBY-TECUMSEH AUTOMOTIVE AIR CONDITIONING COMPRESSORS

The Twin Cylinder Model HG 1000 compressor is designed especially for automotive air conditioning. Design features are similar to the Twin Cylinder Models described on Page 260.



HG 1000

SPECIFICATIONS									
CAT. NO.	MODEL - P/N	BORE	STROKE	No. CYLS.	DISPL. cm ³ /rev	SHUT OFF VALVES		OIL CHARGE	REFRIG.
						SUCT.	DISCH.		
2602	HG1000 Less Service Valves	47.6 mm (1-7/8")	47.6 mm (1-7/8")	2	169.6	5/8" Fl.	1/2" Fl.	325 ml	R12
2603	HG1000V With Service Valves								
26010	MA6A	Magnetic Clutch 6" 12V. DC. (A Section)							
26011	MA7A	Magnetic Clutch 7" 12V. DC. (A Section)							
26012	MA7B	Magnetic Clutch 7" 12V. DC. (B Section)							

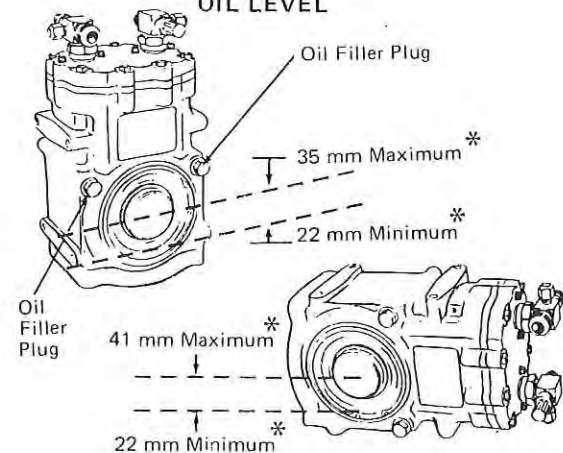
RPM RANGE 500 - 6000

BTU PER HOUR VS. COMPRESSOR SPEED

MODEL No.	COMP. SPEED R.P.M.	150 PSIG HEAD PRESSURE			180 PSIG HEAD PRESSURE			240 PSIG HEAD PRESSURE		
		EVAP. TEMPERATURE °F.			EVAP. TEMPERATURE °F.			EVAP. TEMPERATURE °F.		
		20°	30°	40°	20°	30°	40°	20°	30°	40°
HG 1000	500	6100	7700	9660	5450	7000	8660	4320	5640	6960
	1000	12330	15640	19260	11200	14200	17630	9120	11580	14270
	1500	18200	23380	28770	16600	21000	26000	13700	17250	21400
	2000	23590	30020	37060	21700	27390	33640	18070	22630	28000
	2500	27800	35200	43500	25800	32300	39600	21500	27000	33300
	3000	30950	39050	47930	28800	35730	44000	23840	30190	37490

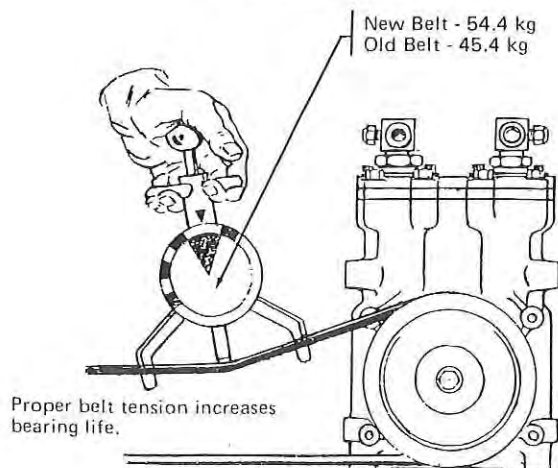
RATING CONDITION : As specified on Page 260.

COMPRESSOR OIL LEVEL

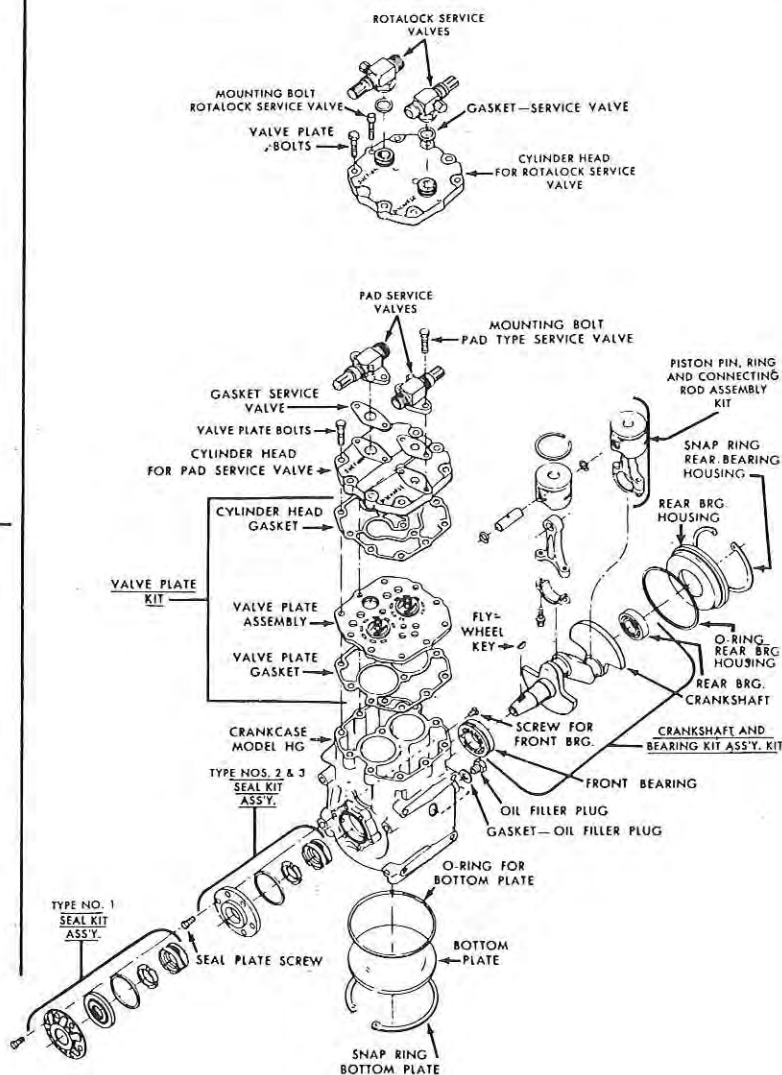


* Levels indicated after compressor has been installed and operated

BELT TENSION



EXPLODED VIEW MODEL HG1000 BELT-DRIVEN COMPRESSOR



KIRBY - TECUMSEH "PACKAGED" REFRIGERATION UNITS

LOW PROFILE DROP-IN PACKAGED SYSTEMS R12

MEDIUM TEMPERATURE:

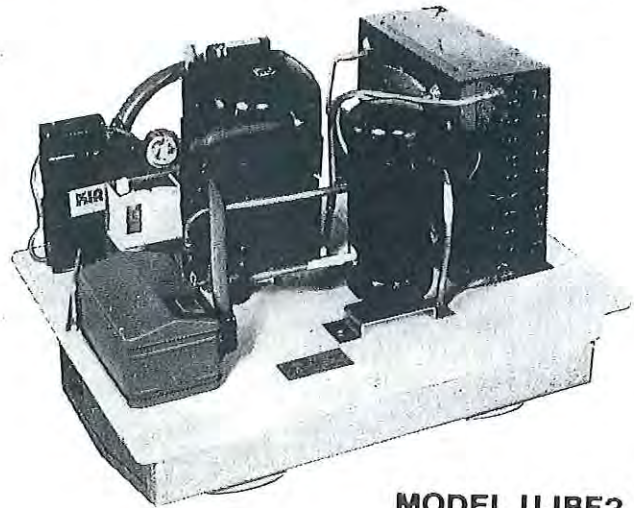
Designed for 2°C (35°F) Storage Temperature and 8°C (14°F) Average Evaporator Temperature Difference.

LOW TEMPERATURE:

Designed for -15°C (5°F) Storage Temperature and 5.4°C (8°F) Average Evaporator Temperature Difference.

FEATURES

- ★ Packaged one-piece factory sealed system assembly complete with all controls
- ★ Fully wired ready to plug into standard power point
- ★ Minimum protrusion into storage area
- ★ Positive directional cold air distribution in refrigerated space is continuous for even storage temperature.

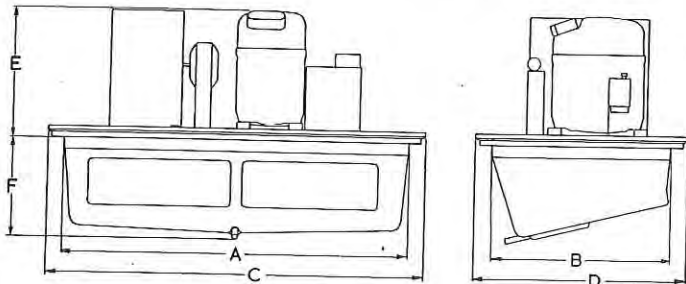


MODEL UJBF2

MEDIUM TEMPERATURE DROP-IN SYSTEMS — 240 Volts, AC, 50 Hz, 1 Phase — LOW PROFILE

CAT. NO.	MODEL	NOM. HP	COMPRESSOR	UNIT FL AMPS	NOM. CAPACITY		NORMAL SETTING	WEIGHT	
					WATTS	BTU/HR		kg	lbs.
26129	UECK2	1/4	AE7416A	2.6	440	1500	Cut-in	28	62
26132	UECL1	1/3	AE7423A	3.4	590	2010	4.5°C	34	75
26130	UJAU2	1/3	AJ7428A	4.0	750	2550	Cut-out	45	99
26131	UJAV1	1/2	AJ7434A	4.5	940	3200	-8.5°C	48	106

Off-Cycle Defrost — Rating Basis 32°C (90°F) Ambient



DIMENSIONS — mm

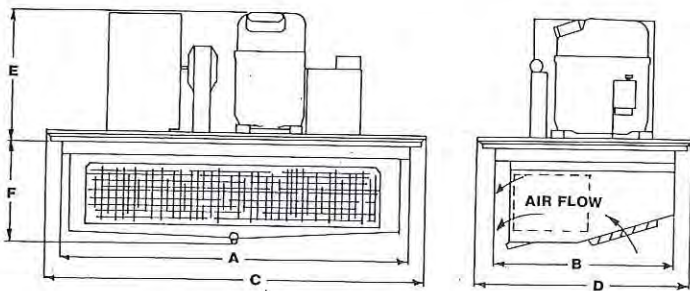
Model	A	B	C	D	E	F	Wt. kg
UECK2	495	420	580	505	310	190	28
UECL1	810	420	895	505	310	235	34
UJAU2	810	420	895	505	310	235	45
UJAV1	1030	420	1115	505	350	260	48

For hole size add 10 mm to dimensions 'A' & 'B' for clearance
Access hole must be cut square

LOW TEMPERATURE DROP-IN SYSTEMS — 240 Volts, AC, 50 Hz, 1 Phase — LOW PROFILE

CAT. NO.	MODEL	NOM. HP	COMPRESSOR	UNIT FL AMPS	NOM. CAPACITY		NORMAL SETTING	WEIGHT	
					WATTS	BTU/HR		kg	lbs.
26126	UJBF2	1/3	AJ2416A	3.9	450	1535	Cut-in	46	101
26127	UJBG2	1/2	AJ2422A	4.3	590	2012	-12°C	54	119
26128	UJBH2	3/4	AJ2427A	4.8	830	2830	Cut-out	70	154
	UJBK2	1	AJ2448J		1380	4692	-18°C		

Defrost Control: Time Initiated — Temperature terminated — Evap. Fan Delay
Rating Basis: 32°C (90°F) Ambient, -22.5°C (-8°F) Saturated Suction Temperature



DIMENSIONS — mm

Model	A	B	C	D	E	F	Wt. kg
UJBF2	635	425	680	470	330	185	46
UJBG2	635	505	680	550	330	250	54
UJBH2	825	545	870	590	370	290	70
UJBK2							

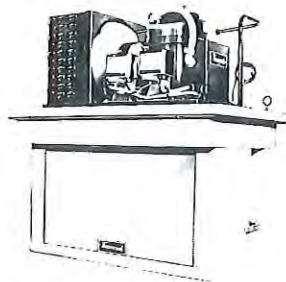
For hole size add 10 mm to dimensions 'A' & 'B' for clearance
Access hole must be cut square

NAME IT AND WE'VE PROBABLY GOT IT IN OUR WIDELY ASSORTED STOCK

KIRBY - TECUMSEH "PACKAGED" REFRIGERATION UNITS

STANDARD DROP-IN PACKAGE REFRIGERATION SYSTEMS

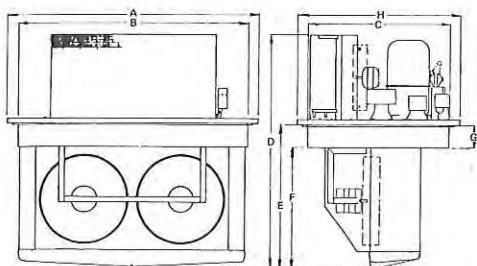
FOR R12 Units are plug-mounted with a flexible gasket seal and require no bolting down. Designed for maximum efficiency at ambients from 10°C(50°F) to 43°C(110°F).



CAT. NO.	MODEL	Comp.	Nom. Power		FL Amps	Designed for: °C		Nom. Capacity		Normal Setting
			kW	HP		Storage	Evap TD	WATTS	BTU/HR	
26150	UJBA1	AJ7434A	0.77	1/2	5.2	+2	7	960	3280	Cut-in
26133	UJBB1	AJ7445A	0.97	3/4	6.3	+2	7	1100	3760	5.5°C
26134	UJBC1	AJ7457A	1.30	1	6.6	+2	7	1520	5170	
26148	UHA2	AH4514A	1.61	1½	12.0	+2	8	2350	8020	Cut-out
26149	UHB2	AH4521A	1.97	2	12.75	+2	8	3200	10920	-1°C

240 Volt, 50 Hz, Single Phase

"DROP-IN" DIMENSIONS mm

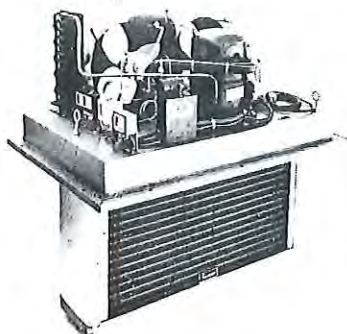


MODEL	A	B	C	D	E	F	G	H	Wt. kg
UJBA1	760	650	535	835	480	375	105	540	70
UJBB1	760	650	535	835	480	375	105	540	75
UJBC1	760	650	535	920	590	465	105	540	84
UHA2	1170	1070	650	1085	670	565	105	750	115
UHB2	1170	1070	650	1085	670	565	105	750	130

For Hole in room top add 15 mm to dimensions 'B' & 'C' for clearance. Access hole must be cut square.

STANDARD PUSH-UP PACKAGE REFRIGERATION SYSTEMS

FOR R12 Similar to the plug-mounted Drop-in Units but with a reverse mounting flange.

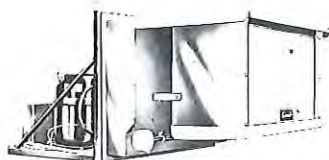


CAT. NO.	MODEL	Comp.	Nom. Power		FL Amps	Designed for: °C		Nom. Capacity		Normal Setting
			kW	HP		Storage	Evap TD	WATTS	BTU/HR	
26141	UJBA61	AJ7434A	0.77	1/2	5.2	+2	7	960	3280	Cut-in
26142	UJBB61	AJ7445A	0.97	3/4	6.3	+2	7	1100	3760	5.5°C
26143	UJBC61	AJ7457A	1.30	1	6.6	+2	7	1520	5170	
26145	UHA62	AH4514A	1.61	1½	12.0	+2	8	2350	8020	Cut-out
	UHB62	AH4521A	1.97	2	12.75	+2	8	3200	10920	-1°C

240 Volt, 50 Hz, Single Phase

STANDARD SLIDE-IN/PUSH-IN PACKAGE REFRIGERATION SYSTEMS

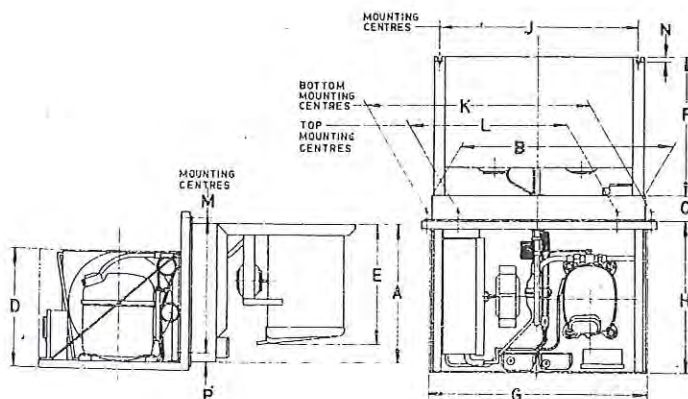
FOR R12 Units are plug-mounted with a flexible gasket seal, entire assembly bolted into place with six bolts. Designed for maximum efficiency at ambients from 10°C(50°F) to 43°C(110°F).



CAT. NO.	MODEL	Comp.	Nom. Power		FL Amps	Designed for: °C		Nom. Capacity		Normal Setting
			kW	HP		Storage	Evap. TD	WATTS	BTU/HR	
26135	UJAB21	AJ7434A	.818	1/2	5.3	+2	8	790	2695	
26136	UJAB23	AJ7445A	.907	1/2	5.0	+12.5	5.5	1420	4845	
26137	UJAA21	AJ7428A	.969	3/4	6.3	+2	8	1035	3530	

240 Volt, 50 Hz, Single Phase

"SLIDE-IN" DIMENSIONS mm



Models	A	B	C	D	E	F	G
UJAB21	420	650	75	356	375	415	645
UJAB23	H	J	K	L	M	N	P
UJAA21	450	610	680	460	415	16	19

Hole in room wall to be 660 mm wide x 430 mm high. The access hole must be cut square

FEATURES

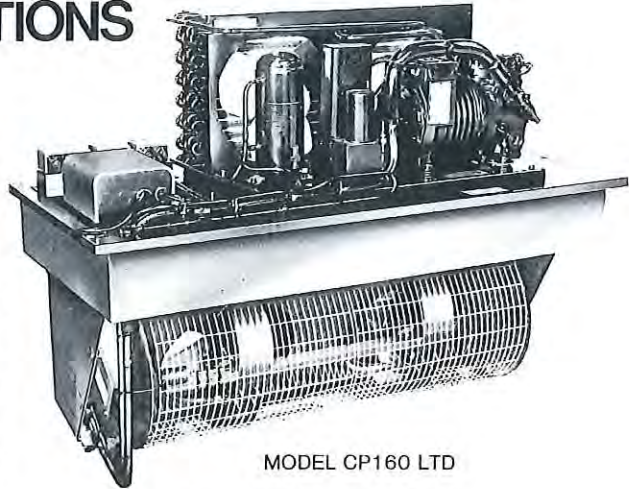
- ★ FACTORY ASSEMBLED AND TESTED
- ★ NO WIRING REQUIRED
- ★ LOW PRESSURE SAFETY CONTROL
- ★ THERMOSTATICALLY CONTROLLED
- ★ CONTROLS FACTORY SET – CAN BE VARIED TO SUIT – BY CUSTOMER
- ★ R.A.P.H. CONTROL FOR FAN CYCLING ON ALL TWIN FAN CONDENSING UNIT MODELS

DROP-IN & PUSH-UP APPLICATIONS

MEDIUM TEMPERATURE MODELS 2°C ROOM TEMP.

- Capillary Control
- No bolting down required on Drop-in's

DROP-IN MODELS		PUSH-UP MODELS		Condensing Unit Model	Nom. Cap. Watts	Aver. T.D. °K
CAT. NO.	UNIT MODEL	CAT. NO.	UNIT MODEL			
26151	CP33MCD	26164	CP33MCP	A33-12LM	747	8.5
26152	CP50MCD	26165	CP50MCP	A50-12M	1177	7.5
	CP51MCD		CP51MCP	A50-12M	1260	5.5
26153	CP75MCD	26166	CP75MCP	A75-12M	1583	7.0
26154	CP100MCD	26167	CP100MCP	A100-12M	1767	8.0
	CP101MCD		CP101MCP	A100-12M	1978	5.5
	CP125MCD*		CP125MCP*	A100-12H	1993	5.5
	CP145MCD*		CP145MCP*	A150-12H	2521	7.5
26155	CP150MCD	26168	CP150MCP	A150-12M	2674	8.0
	CP152MCD	26169	CP152MCP	A150-12MS	2674	8.0
26156	CP160MCD*		CP160MCP*	A160-12M	3253	7.5
26157	CP175MCD	26170	CP175MCP	A175-12M	4059	7.5

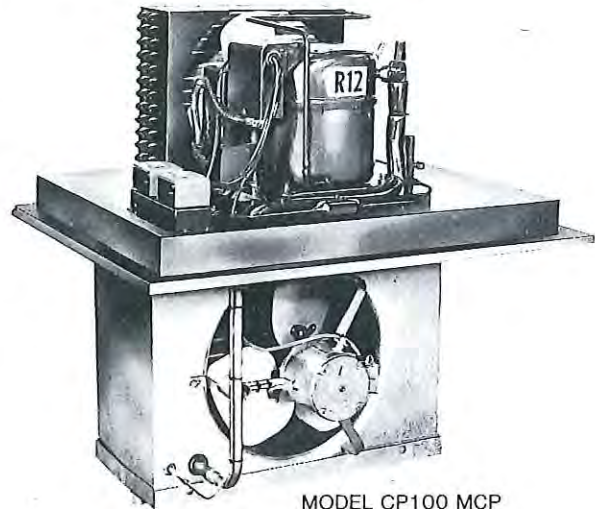


MODEL CP160 LTD

LOW TEMPERATURE MODELS -18°C ROOM TEMP.

- HP safety control
- TX Valve Control
- Fan Delay Control
- Electric Defrost - Time Initiated - Pressure Terminated
- D.L.I. Approved Liquid Receiver
- Liquid Sightglasses

DROP-IN MODELS		PUSH-UP MODELS		Condensing Unit Model	Nom. Cap. Watts	Aver. T.D. °K
CAT. NO.	UNIT MODEL	CAT. NO.	UNIT MODEL			
26158	CP33LTD	26171	CP33LTP	A33-12LM	381	5.5
26159	CP50LTD*	26172	CP50LTP*	A50-12L	769	6.0
26161	CP75LTD*	26174	CP75LTP*	A75-12L	982	5.5
26162	CP100LTD*	26175	CP100LTP*	A100-12L	1348	5.0
26163	CP150LTD*	26176	CP150LTP*	A150-12L	1539	6.0
	CP155LTD*		CP155LTP*	A150-502L	1978	5.5
	CP160LTD*		CP160LTP*	A160-502L	2403	6.0



MODEL CP100 MCP

SLIDE-IN APPLICATIONS

MEDIUM TEMPERATURE 2°C ROOM TEMP.

SLIDE-IN MODELS		Condensing Unit Model	Nominal Capacity Watts	Average T.D. °K
CAT. NO.	UNIT MODEL			
	CP51MCS	A50-12M	1253	5.6
	CP75MCS	A75-12M	1583	7.0
	CP100MCS	A100-12M	1767	8.0
	CP101MCS	A100-12M	1978	5.5
	CP125MCS*	A100-12H	1993	5.5
	CP145MCS*	A150-12H	2521	7.5
	CP150MCS	A150-12M	2674	8.0
	CP160MCS*	A160-12M	3253	7.5
	CP175MCS	A175-12M	4059	7.5

LOW TEMPERATURE -18°C ROOM TEMP.

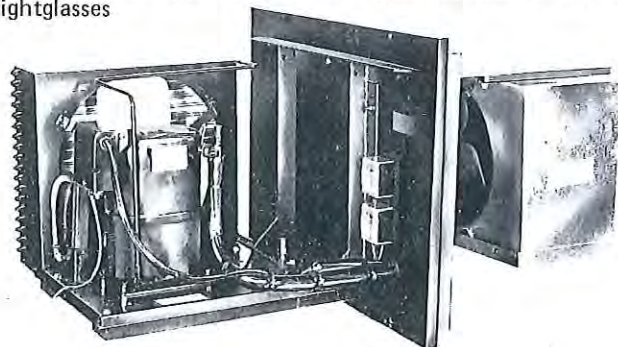
	CP75LTS*	A75-12L	982	5.5
	CP100LTS*	A100-12L	1348	5.0
	CP150LTS*	A150-12L	1539	6.0
	CP155LTS*	A150-502L	1978	5.5
	CP160LTS*	A160-502L	2403	6.0

MEDIUM TEMPERATURE

- Capillary Control

LOW TEMPERATURE

- HP safety control
- TX Valve Control
- Fan Delay Control
- Electric Defrost - Time Initiated - Pressure Terminated
- D.L.I. Approved Liquid Receiver
- Liquid Sightglasses



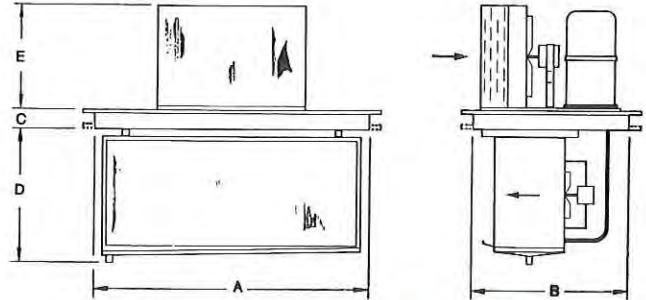
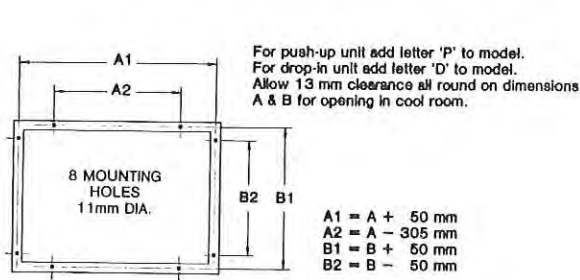
MODEL CP150 MCS

NOTES: * Accessible hermetic models All Models Single Phase
Medium Temperature Applications use Capillary Tube Control – Low Temperature Models use TX Valve Control
REFER NEXT PAGE FOR DIMENSIONS AND WEIGHTS

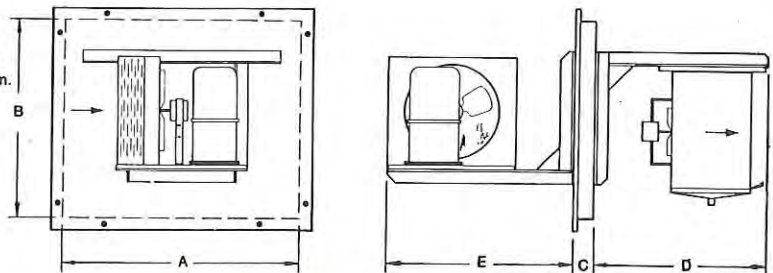
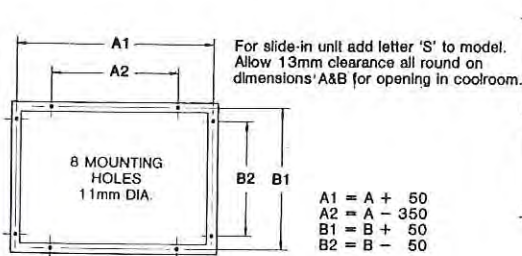
COOLPAK

DIMENSIONAL DATA

COOLPAK packaged cool & cold room refrigeration systems



COOLPAK MODEL	CONDENSING UNIT MODEL	ALL DIMENSIONS IN mm					MASS NETT kg	(ACTUAL) PACKED kg
		A	B	C	D	E		
MEDIUM TEMPERATURE MODELS 2°C ROOM TEMPERATURE								
CP33MC	A3312LM	660	415	76	145	300	51	91
CP50MC	A5012M	1118	610	76	145	350	65	110
CP51MC	A5012M	813	610	76	515	350	75	123
CP75MC	A7512M	813	610	76	515	350	82	132
CP100MC	A10012M	813	610	76	515	350	85	135
CP101MC	A10012M	813	610	76	515	350	88	138
● CP125MC	A10012H	813	610	76	515	400	113	163
● CP145MC	A15012H	813	610	76	515	400	117	167
CP150MC	A15012M	813	610	76	515	500	100	155
● CP152MC	A15012MS	813	610	76	515	400	102	157
● CP160MC	A16012M	1118	610	76	515	400	131	189
CP175MC	A17512M	1118	610	76	515	500	128	186
LOW TEMPERATURE MODELS — 18°C ROOM TEMPERATURE								
CP33LT	A3312LM	813	610	155	210	300	55	95
CP50LT	A5012L	1118	610	155	210	350	86	131
CP75LT	A7512L	813	610	155	395	350	100	150
CP100LT	A10012L	1220	534	155	395	350	106	156
● CP150LT	A15012L	1220	534	155	395	400	127	182
● CP155LT	A150502L	1220	534	155	395	400	136	194
● CP160LT	A160502L	1220	534	155	395	400	136	194



MEDIUM TEMPERATURE MODELS 2°C ROOM TEMPERATURE								
CP51MCS	A5012M	813	610	76	600	570	107	167
CP75MCS	A7512M	813	610	76	600	570	113	173
CP100MCS	A10012M	813	610	76	600	570	116	176
CP101MCS	A10012M	813	610	76	600	570	118	178
● CP125MCS	A10012H	813	610	76	600	670	142	202
● CP145MCS	A15012H	813	610	76	600	670	146	206
CP150MCS	A15012M	813	610	76	600	700	130	190
● CP160MCS	A16012M	1118	610	76	600	670	158	218
CP175MCS	A17512M	1118	610	76	600	700	156	216
LOW TEMPERATURE MODELS — 18°C ROOM TEMPERATURE								
CP75LTS	A7512L	813	610	155	600	570	131	191
CP100LTS	A10012L	1220	534	155	600	570	137	197
● CP150LTS	A15012L	1220	534	155	600	670	157	217
● CP155LTS	A150502L	1220	534	155	600	570	163	223
● CP160LTS	A160502L	1220	534	155	600	570	163	223

● THESE UNIT MODELS ARE FITTED WITH TWIN FANS

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TERRY COMPRESSORS & CONDENSING UNITS OPEN TYPE - BELT DRIVEN

TERRY COMPRESSORS COMPLETE WITH FLYWHEEL — OLD MODELS

CAT. NO.	Compressor Model No.	Nom. HP	Max. Revs	LINE SIZES (ins.)			FLYWHEEL			RECEIVER			
				Liquid	Suction	Disch.	Diam. ins.	Gr.	Sect.	Diam. ins.	Length ins.	Capacity 80%	
											R12	R502	
2623	CB65	1	840	3/8	1/2	3/8	8.66	1	A	4	29½	11 lb.	10½ lb.
2624	CB125	2	700	3/8	5/8	1/2	10.43	2	A				
2625	CB200	3	700	1/2	3/4	5/8	10.43	2	A	6	41	34½ lb.	32 lb.
2626	CB355	5	700	1/2	7/8	3/4	15.35	3	A				

TERRY COMPRESSORS COMPLETE WITH FLYWHEEL — CURRENT MODELS

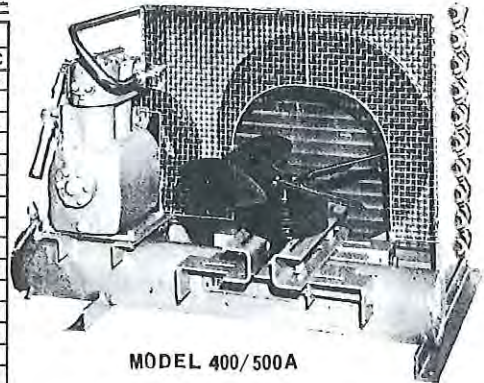
CAT. NO.	Comp. Model	No. of Cyls.	RPM Min. - Max.	Swept Vol @ Max Rev m³/h	Displac. per Rev L	Oil Charge L	Flywheel O.D. mm	Vee Belt Drive	Refrig.	CAPACITY — WATTS		
										Sat. Suction Temp °C		
										-35	-15	+10
2627	RAS	2	400-1000	15.63	0.260	1.56	254	3A	R12	1500	4625	11975
									R22	—	7650	18425
									R502	3025	7725	—
2621	PJS	2	400-1440	37.84	0.437	1.99	305	3B	R12	3500	10750	28200
									R22	—	16500	43275
									R502	6325	17625	—
2622	VS	4	400-1000	52.56	0.876	2.56	305	4B	R12	4500	14875	38375
									R22	—	23200	58600
									R502	6750	24490	—

TERRY CONDENSING UNITS FOR R12 AND R502 — AIR COOLED

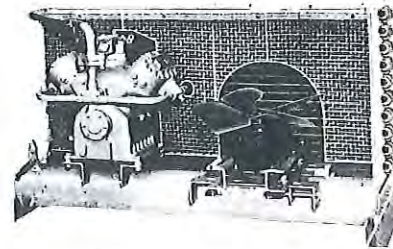
CAPACITY — WATTS AT SATURATED SUCTION TEMPERATURE

CAT. NO.	MODEL	COND. Model	COMP. Model	COMP. RPM	R12			R502		
					-35°C	-15°C	+5°C	-40°C	-25°C	-15°C
26256	300A3A	3A	RAS	450	—	—	—	1158	2066	3444
				500	780	2289	4689	—	—	—
26257	300A4	4	RAS	600	—	—	—	1553	2843	4440
				700	1076	3200	6571	1802	3319	5173
				800	1251	3658	7491	2059	3795	5979
26258	300A5	5	RAS	900	1431	4213	8562	2358	4301	6786
26259	400A5	5	PJS	600	1502	4176	9086	2345	4579	6851
				700	1758	4836	—	—	—	—
26260	400A4	4	PJS	500	1246	3517	7840	2022	3883	5642
26263	500A6	6	PJS	700	1905	4982	10111	2638	5457	8133
				800	2052	5862	11797	2931	6111	9086
26264	500A6A	6A	PJS	900	2271	6448	13115	3480	6411	10258
26266	600A7	7	PJS	1000	2491	7180	—	3810	7693	11320
				1100	2711	7840	—	—	—	—
26268	700A8	8	PJS	1100	—	—	—	4103	8060	11577
				1200	2784	8573	17292	—	—	—
				1300	3077	9159	—	—	—	—
				1400	3224	9672	—	—	—	—
26270	800A9	9	PJS	1400	3370	9892	20296	—	—	—
26271	800A10	10	PJS	1400	3710	10879	22325	4770	10943	17202
26272	850A8	8		500	—	—	—	4103	8280	12310
				600	—	—	—	4836	8829	13665
				700	3810	10404	—	5569	11101	16413
26273	900A9	9	VS	800	4250	11577	—	—	—	—
				900	4543	12603	—	—	—	—
				800	—	—	—	6338	12639	—
26275	1000A10	10	VS	1000	5422	14727	—	—	—	
26276	1000A16	16	VS	1000	—	14980	30540	7155	15697	24343
26277	1000A20	20	VS	1000	—	15300	31360	7195	15246	24784

Capacities based 32°C Ambient, 18°C Suction return vapour temp. and inherent sub-cooling.



MODEL 400/500A



MODEL 850/1000A

BELT DRIVEN COMPRESSOR UNITS FOR R12, R22, R502

CAT. NO.	UNIT MODEL	COMP. MODEL	RPM RANGE
26283	300B	CB205	400 - 700
26285	750B	PJS	400 - 1400
26286	1000B	VS	400 - 1000

BELT DRIVEN WATER COOLED COMPRESSOR UNITS — FOR R12, R22, R502

CAT. NO.	UNIT MODEL	COMP. MODEL	RPM RANGE
26289	300W 8	RAS	400 - 1000
26290	300W 9	RAS	400 - 1000
26293	750W 9	PJS	400 - 1400
26294	750W10	PJS	400 - 1400
26295	750W11	PJS	400 - 1400
26296	750W12	PJS	400 - 1400
26297	1000W10	VS	400 - 1000
26298	1000W11	VS	400 - 1000
26299	1000W12	VS	400 - 1000
262100	1000W13	VS	400 - 1000
262101	1000W14	VS	400 - 1000

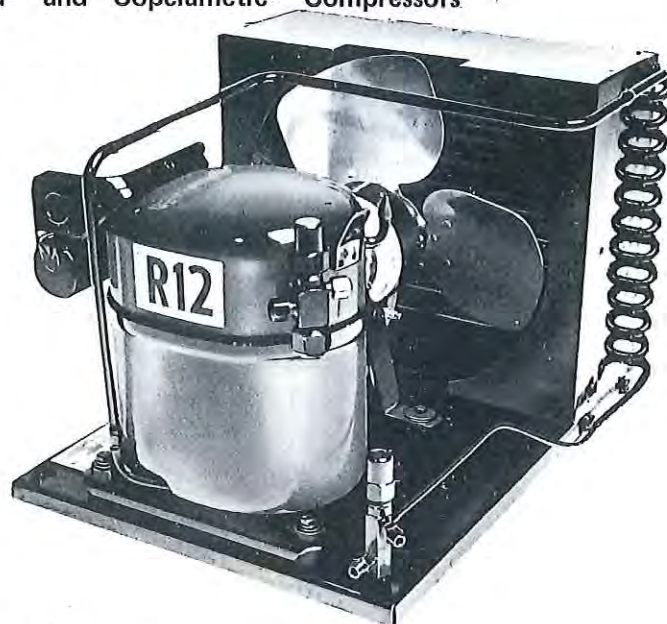
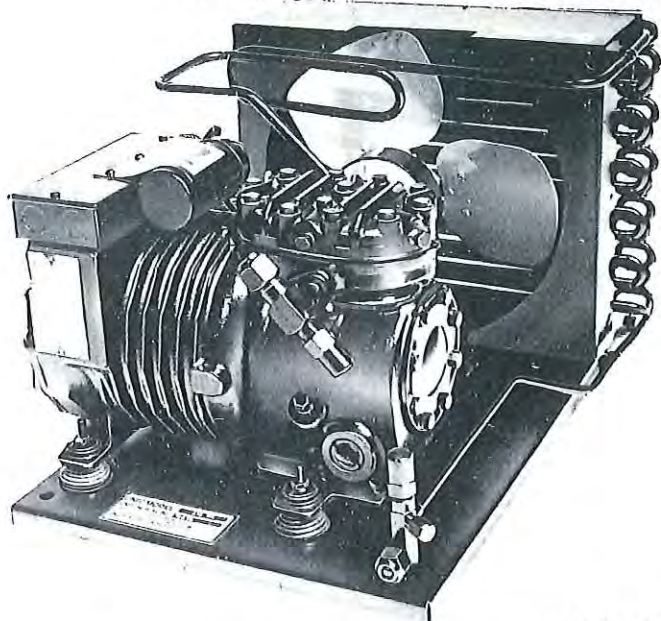
REFER ALSO Tech. Page 262-b FOR ADDITIONAL TERRY - COPELAND UNITS AVAILABLE ON REQUEST

TERRY COMPRESSOR "CHANGE-OVER" SERVICE

We provide a change-over facility on many models of Terry Compressors
Details gladly supplied on request.

TERRY HERMETIC AIR COOLED CONDENSING UNITS

Using Single Phase 50 Hz. Copelaweld® and Copelametic® Compressors



DESIGN FEATURES

HIGH STARTING TORQUE COMPRESSOR MOTORS
 SUITABLE FOR CAPILLARY TUBE AND EXPANSION VALVE APPLICATIONS
 COMPACT DESIGN
 LARGE CONDENSER
 QUIET OPERATION

BALANCED FANS
 INHERENT MOTOR PROTECTION
 SUCTION SERVICE VALVE
 LIQUID POST VALVE
 D.L.I. APPROVED LIQUID RECEIVER
 Available as an extra not fitted

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LOW TEMPERATURE						CAPACITY - WATTS					
CAT. NO.	UNIT MODEL	COMPRESSOR MODEL	REFRIG.	DISPL. m ³ /hr	COMP. RPM	SATURATED SUCTION TEMPERATURE					
						-40°C	-35°C	-30°C	-25°C	-20°C	-17.8°C
26226	A3312LM*	JFH1-0033-IAG	R12	3.02	2900	147	176	237	320	405	433
26227	A5012L	KAH2-0050-CAG	R12	4.73	1450	235	359	513	711	914	961
26228	A7512L	KAA2-0075-CAG	R12	5.99	1450	363	504	672	879	1067	1158
26229	A10012L	KAL2-0100-CAG	R12	7.33	1450	469	639	872	1131	1414	1561
26230	A15012L	KAT2-0100-CAG	R12	9.17	1450	615	847	1134	1427	1729	1876
	A100502L	KAJ3-0100-CAG	R502	5.12	1450	615	843	1092	1363	1678	1820
	A150502L	KALB-0150-CAG	R502	7.33	1450	891	1114	1436	1839	2321	—
	A160502L	KATB-0150-CAZ	R502	9.17	1450	1064	1429	1890	2389	2960	3215
MEDIUM TEMPERATURE						CAPACITY - WATTS					
CAT. NO.	UNIT MODEL	COMPRESSOR MODEL	REFRIG.	DISPL. m ³ /hr	COMP. RPM	SATURATED SUCTION TEMPERATURE					
						-20°C	-15°C	-10°C	-5°C	-3.9°C	
26226	A3312LM*	JFH1-0033-IAG	R12	3.02	2900	405	507	654	822	853	
26232	A5012M	RSN2-0050-IAG	R12	3.81	2900	657	821	1011	1222	1268	
26233	A7512M	RSH2-0050-IAG	R12	4.71	2900	873	1084	1339	1624	1685	
26234	A10012M	RRL2-0075-CAG	R12	5.77	2900	879	1150	1509	1896	1978	
26235	A15012M	SSE4-0100-CAZ	R12	9.57	2900	1445	1810	2301	2836	2953	
	A15012MS	SSE4-0100-CAZ	R12	9.57	2900	1445	1810	2301	2836	2953	
	A16012M	KATB-0150-CAZ	R12	9.17	1450	1846	2301	2792	3429	3587	
26236	A17512M	YSC4-0150-CFG	R12	15.06	2900	2096	2579	3341	4250	4455	
	A17512M†	YSC4-0150-CFG	R12	15.06	2900	2096	2579	3341	4250	4455	
HIGH TEMPERATURE						CAPACITY - WATTS					
CAT. NO.	UNIT MODEL	COMPRESSOR MODEL	REFRIG.	DISPL. m ³ /hr	COMP. RPM	SATURATED SUCTION TEMPERATURE					
						-15°C	-10°C	-5°C	0°C	+5°C	+10°C
	A10012H	KAJ3-0100-CAG	R12	5.12	1450	1257	1561	1898	2242	2682	3056
	A15012H	KALB-0150-CAZ	R12	7.33	1450	1744	2191	2718	3326	3986	4689

* Dual Temperature Model

† Extra large Liquid Receiver fitted.

Capacity Conditions: 32°C Ambient, 18°C Return Vapour Temperature

CONVERSION: MULTIPLY WATTS BY 3.412 TO OBTAIN BTU/HR. MULTIPLY BTU/HR BY 0.293 TO OBTAIN WATTS

TERRY-COPELAND COMPRESSORS — COMPRESSOR UNITS — CONDENSING UNITS

The 262 Series of Pages lists only a few of the wide range of Compressors, Compressor Units and Condensing Units available from Terry/Luke
On application we would be pleased to supply any units from this range — Literature containing full details is available on application

APPLICATION TEMPERATURE RANGE				CODE	Suction Temp. Rating at —	
APPLICATION	°F		°C		°F	°C
HIGH TEMP.	+45 Max	0 Min	+ 7.2 Max -17.8 Min	H	+40	+ 4.4
MEDIUM TEMP.	+25 Max	- 5 Min	- 3.9 Max -20.6 Min	M	+20	- 6.7
LOW TEMP.	- 5 Max	-40 Min	-20.6 Max -40.0 Min	L	-30	-34.4
EXTRA LOW TEMP.	-20 Max	-40 Min	-28.9 Max -40.0 Min	E	-40	-40
TWO STAGE	0 Max	-40 Min	-17.8 Max -40.0 Min	T	-40	-40
TWO STAGE — EXTRA LOW T.	-30 Max	-88 Min	-34.4 Max -66.7 Min	U	-40	-40

TERRY ACCESSIBLE HERMETIC AIR COOLED CONDENSING UNITS

Refrig.	Applic. Temp.	CAPACITY RANGE		No. Models Avail.
		BTU/HR	kW	
R12	H	17900 — 172500	5.25 — 50.56	10
	M	21200 — 50700	6.21 — 14.86	7
	L	7130 — 26500	2.09 — 7.77	6
R22	H	18350 — 184750	5.38 — 54.15	9
	M	10625 — 123700	3.11 — 36.25	13
R502	M	14750 — 146000	4.32 — 42.79	11
	L	9520 — 48800	2.79 — 14.30	10
	E	11550 — 12300	3.39 — 3.61	2

Refer Terry Bulletin — Form No. 1280-384-R1 July '79

R22 TERRY COPELAND WELDED HERMETIC COMPRESSORS FOR AIR CONDITIONING APPLICATION

Type	HP Range	CAPACITY RANGE		No. Models Avail.
		BTU/HR	kW	
J Line	3/4 - 1	5800 — 10000	1.70 — 2.93	5
R Line	1 - 1 3/4	10400 — 15800	3.05 — 4.63	4
S Line	2 - 2 1/2	16600 — 26200	4.86 — 7.67	5
Y Line	3 - 5	33200 — 51875	9.72 — 15.19	4
B Line	7 1/2 - 12	74700 — 120350	21.87 — 35.24	3

Refer Terry Bulletin — Form No. 1280-386-R1

TERRY ACCESSIBLE HERMETIC WATER COOLED CONDENSING UNITS

Refrig.	Applic. Temp.	CAPACITY RANGE		No. Models Avail.
		TONS	kW	
R12	H	2.79 — 19.6	9.81 — 68.93	8
	H Tand.	23.3 — 39.2	81.94 — 137.86	3
	M	1.05 — 11.0	3.69 — 38.69	17
	L	0.61 — 2.23	2.15 — 7.84	6
R22	H	5.3 — 36.5	18.64 — 128.36	10
	H Tand.	43.1 — 73	151.57 — 256.72	5
	M	0.96 — 21.03	3.38 — 73.96	18
	T	1.36 — 2.19	4.78 — 7.70	2
	U	0.86 — 3.73	3.02 — 13.12	4
R502	M	1.37 — 22.18	4.82 — 78.01	13
	L	0.77 — 5.86	2.71 — 20.61	11
	E	0.93 — 0.95	3.27 — 3.34	2
	T	1.13 — 1.56	3.97 — 5.49	2
	U	1.0 — 4.37	3.52 — 15.37	4

Refer Terry Bulletin — Form No. 1280-360-R1 June '79

TERRY ACCESSIBLE HERMETIC COMPRESSOR UNITS REFRIGERANT COOLED — Nom. HP Range 2 to 40

Single Compressor Models			Tandem Compressor Models		
Refrig.	Applic. Temp.	No. Models	Refrig.	Applic. Temp.	No. Models Avail.
R12	H	10	R12	H	6
	M	5		M	4
	M/L	1		L	3
	L	5		H	9
R22	H	13	R22	M	1
	M	5		T	2
	T	2		U	3
	U	3		M	9
R502	M	13	R502	L	10
	L	11		T	2
	E	1		U	3
	T	2			
	U	3			

Refer Terry Bulletin — Form No. 1280-337-R2 June '78

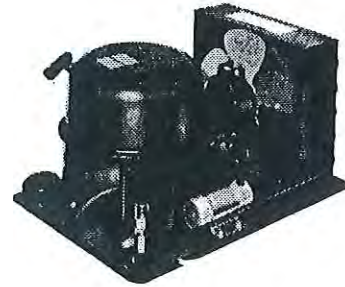
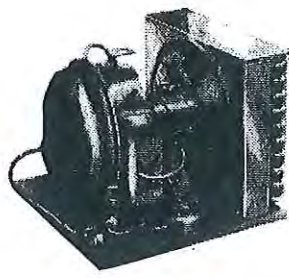
TERRY-COPELAND ACCESSIBLE HERMETIC COMPRESSORS

Compressor Type	No. Cyls.	Refrig.	Applic. Temp.	HP Range	No. Models Avail.
ER	2	R12	H	2	1
		R22	H	2 and 3	2
		M	2	1	
3R	2	R502	M	2 and 3	2
		R12	H	3	1
		R22	M	3	1
NR	2	R502	M	3	1
		R12	H	3	1
		M	3 and 5	2	
MR	2	R22	H	4 and 5	2
		M	5	1	
		R502	M	5	1
9R	3	R12	H	5	1
		M	5	2	
		M/L	7 1/2	1	
4R	4	R22	H	5	2
		M	7 1/2	1	
		R502	M	10 and 15	2
6R	6	R12	L	7 1/2 and 10	3
		H	10 and 15	2	
		L	7 1/2	1	
TANDEM 44	2 x 4	R22	H	10 and 15	2
		M	20 to 30	3	
		R502	M	20 to 30	3
TANDEM 66	2 x 6	R12	H	20 to 30	3
		L	20	2	
		R22	H	20 and 30	2
TANDEM 44	2 x 4	R12	L	15	1
		R22	H	40 and 50	3
		R502	M	40 and 50	2
TANDEM 66	2 x 6	R12	L	20 to 60	3
		R12	H	40	2
		R22	H	20	1
TANDEM 66	2 x 6	R22	H	60 to 80	3
		M	60 and 70	2	
		R502	L	40 to 60	4

REFER PAGES 262 & 262-a FOR OPEN TYPE BELT DRIVEN COMPRESSORS AND CONDENSING UNITS AND COPELAND HERMETIC AIR COOLED CONDENSING UNITS

Refer Terry Bulletins — Form Nos:
ER & 3R, 1280-338-R2 Jan '80
MR, 1280-333-R2 June '78
4R, 1280-335-R2 June '79
T44, 1280-340-R2 Oct '80
NR, 1280-339-R2 June '80
9R, 1280-334-R2 June '80
6R, 1280-336-R2 Feb '78
T66, 1280-341-R2 Oct '80

"SUMMIT" CONDENSING UNITS



"M" SERIES Specifications and Capacities

Model	H.P.	Bore Ins.	Stroke Ins.	Disp. Cubic Ins. Per Rev.	Condenser Surface Area		Applic.	Motor	Refrig.	Suct. Line Ins.	Dis. Line Ins.	Oil Chg. Fl. Ozs.	Evap. Suct. Temp. (Btu./Hr. 90° Room Temp.)						
					Pr'y □	Sec'y □							-20°	-10°	0°	+10°	+20°	+30°	+40°
8 ML	1/8			.624	1.89	16.85	L.B.P.	S.P.	12	1/4	1/4	22-02	350	500	620	780	940		
8 MLR	1/8			.624	1.89	16.85	L.B.P.	S.P.	12	1/4	1/4	22-02	350	500	620	780	940		
6 ML	1/6	1-3/16	3/4	.830	1.89	16.85	L.B.P.	S.P.	12	1/4	1/4	22-02	470	660	820	1,030	1,250		
6 MLR	1/6	1-3/16	3/4	.830	1.89	16.85	L.B.P.	S.P.	12	1/4	1/4	22-02	470	660	820	1,030	1,250		
4 M 2 PL	1/4	"	"	.830	1.89	16.85	L.B.P.	C.S.I.R.	12	1/4	1/4	22-02	880	1,060	1,370	1,730	2,070		
4 M 2 PLR	1/4	"	"	.830	1.89	16.85	L.B.P.	C.S.I.R.	12	1/4	1/4	22-02	880	1,060	1,370	1,730	2,070		
4 M 2 PM	1/4			.624	1.89	16.85	M.B.P.	C.S.I.R.	12	1/4	1/4	22-02			1,000	1,320	1,670	2,050	2,450
4 M 2 PMR	1/4			.624	1.89	16.85	M.B.P.	C.S.I.R.	12	1/4	1/4	22-02			1,000	1,320	1,670	2,050	2,450

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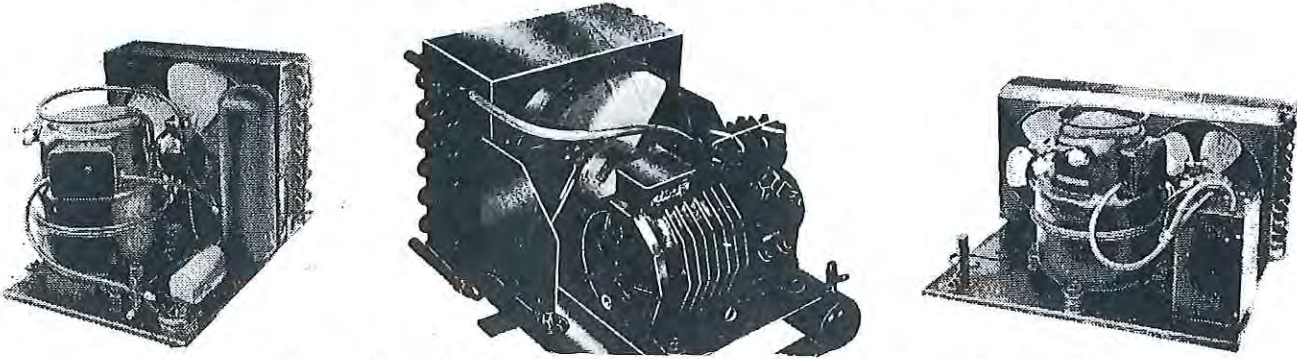
"S" SERIES Specifications and Capacities

Model	H.P.	Bore Ins.	Stroke Ins.	Disp. Cubic Ins. Per Rev.	Condenser Surface Area		Applic.	Motor	Refrig.	Suct. Line Ins.	Dis. Line Ins.	Oil Chg.	Evap. Suct. Temp. (Btu./Hr. 90° Room Temp.)						
					Pr'y □	Sec'y □							-20°	-10°	0°	+10°	+20°	+30°	+40°
S 4 M	1/4	1-1/4	7/8	1.070	1.89	16.95	M.B.P.	C.S.I.R.	12	3/8	5/16	3 Pts.					1,580	1,870	2,190
S 4 MR	1/4	1-1/4	7/8	1.070	1.89	16.85	M.B.P.	C.S.I.R.	12	3/8	5/16	3 Pts.					1,580	1,870	2,190
S 4 L	1/4	1-1/4	1-1/32	1.250	1.89	16.85	L.B.P.	C.S.I.R.	12	3/8	5/16	3 Pts.	700	920	1,180	1,500	1,860		
S 4 LR	1/4	1-1/4	1-1/32	1.250	1.89	16.85	L.B.P.	C.S.I.R.	12	3/8	5/16	3 Pts.	700	920	1,180	1,500	1,860		
S 3 M	1/3	1-3/8	1-1/32	1.530	3.68	32.80	M.B.P.	C.S.I.R.	12	1/2	5/16	3 Pts.				2,100	2,600	3,080	3,640
S 3 MR	1/3	1-3/8	1-1/32	1.530	3.68	32.80	M.B.P.	C.S.I.R.	12	1/2	5/16	3 Pts.				2,100	2,600	3,080	3,640
S 3 L	1/3	1-1/2	1-1/32	1.830	3.68	32.80	L.B.P.	C.S.I.R.	12	1/2	5/16	3 Pts.	1,200	1,610	1,980	2,480	2,795		
S 3 LR	1/3	1-1/2	1-1/32	1.830	3.68	32.80	L.B.P.	C.S.I.R.	12	1/2	5/16	3 Pts.	1,200	1,610	1,980	2,480	2,795		
S 3 L 2 P	1/3	1-3/8	7/8	1.290	3.68	32.80	L.B.P.	C.S.I.R.	12	1/2	5/16	3 Pts.	1,480	1,880	2,500	3,130	3,870		
S 3 L 2 PR	1/3	1-3/8	7/8	1.290	3.68	32.80	L.B.P.	C.S.I.R.	12	1/2	5/16	3 Pts.	1,480	1,880	2,500	3,130	3,870		
S 3 M 2 P	1/3	1-1/4	7/8	1.070	3.68	32.80	M.B.P.	C.S.I.R.	12	1/2	5/16	3 Pts.				2,740	3,360	3,960	4,540
S 3 M 2 PR	1/3	1-1/4	7/8	1.070	3.68	32.80	M.B.P.	C.S.I.R.	12	1/2	5/16	3 Pts.				2,740	3,360	3,960	4,540
S 2 L	1/2	1-3/4	1-1/32	2.500	4.93	43.80	L.B.P.	C.S.I.R.	12	1/2	5/16	3 Pts.	1,560	1,975	2,500	3,185	3,870		
S 2 LR	1/2	1-3/4	1-1/32	2.500	4.93	43.80	L.B.P.	C.S.I.R.	12	1/2	5/16	3 Pts.	1,560	1,975	2,500	3,185	3,870		
S 2 M	1/2	1-1/2	1-1/32	1.830	4.93	43.80	M.B.P.	C.S.I.R.	12	1/2	5/16	3 Pts.				2,500	3,020	3,660	4,370
S 2 MR	1/2	1-1/2	1-1/32	1.830	4.93	43.80	M.B.P.	C.S.I.R.	12	1/2	5/16	3 Pts.				2,500	3,020	3,660	4,370
S 75 M	3.4	1-3/4	1-1/32	2.500	4.93	43.80	M.B.P.	P.S.C.	12	1/2	5/16	3 Pts.				3,185	3,870	4,600	5,550
S 75 MR	3.4	1-3/4	1-1/32	2.500	4.93	43.80	M.B.P.	P.S.C.	12	1/2	5/16	3 Pts.				3,185	3,870	4,600	5,550
													BTU./HR						
S 100 H 2 P	1	1 1/2	1-1/32	1.830	10-500		H.B.P.	P.S.C.	22	1/2	5/16	3 Pts.	Specially Designed for Air Conditioning						

Motor Key — S.P.: Split Phase. C.S.I.R.: Capacitor Start Induction Run. 3 PH.: 3 Phase. P.S.C.: Permanent Split Capacitor.

For each 10 (F) increase in ambient temperature decrease capacity by 6%

"SUMMIT" CONDENSING UNITS



"T" SERIES Specifications and Capacities

Model	H.P.	Bore Ins.	Stroke Ins.	Disp. Cubic Ins. Per Rev.	Condenser Surface Area		Applic.	Motor	Refrig.	Suct. Line Ins.	Dis. Line Ins.	Oil Chg.	Evap. Suct. Temp. (Btu./Hr. 90° Room Temp.)						
					Pr'y □	Sec'y □							-20°	-10°	0°	+10°	+20°	+30°	+40°
T2 L	1/2	1-3/8	1-3/64	3-100	4-93	43-80	L.B.P.	C.S.I.R.	12	5/8	3/8	3-5 Pts.	1,860	2,454	3,070	3,530	4,500		
T2 LR	1/2	1-3/8	1-3/64	3-100	4-93	43-80	L.B.P.	C.S.I.R.	12	5/8	3/8	3-5 Pts.	1,860	2,454	3,070	3,530	4,500		
T75 M	3/4	1-1/2	1-3/64	3-700	7-06	63-00	M.B.P.	C.S.I.R.	12	5/8	3/8	3-5 Pts.				5,070	6,130	7,420	8,860
T75 MR	3/4	1-1/2	1-3/64	3-700	7-06	63-00	M.B.P.	C.S.I.R.	12	5/8	3/8	3-5 Pts.				5,070	6,130	7,420	8,860
T75 MTF	3/4	1-1/2	1-3/64	3-700	6-80	60-60	M.B.P.	C.S.I.R.	12	5/8	3/8	3-5 Pts.				5,070	6,130	7,420	8,860
T75 MTR	3/4	1-1/2	1-3/64	3-700	6-80	60-60	M.B.P.	C.S.I.R.	12	5/8	3/8	3-5 Pts.				5,070	6,130	7,420	8,860
T75 L	3/4	1-5/8	1-3/64	4-342	7-06	63-00	L.B.P.	C.S.I.R.	12	5/8	3/8	3-5 Pts.	2,440	3,270	4,115	5,110	6,170		
T75 LR	3/4	1-5/8	1-3/64	4-342	7-06	63-00	L.B.P.	C.S.I.R.	12	5/8	3/8	3-5 Pts.	2,440	3,270	4,115	5,110	6,170		
T75 LTF	3/4	1-5/8	1-3/64	4-342	6-80	60-60	L.B.P.	C.S.I.R.	12	5/8	3/8	3-5 Pts.	2,440	3,270	4,115	5,110	6,170		
T75 LTR	3/4	1-5/8	1-3/64	4-342	6-80	60-60	L.B.P.	C.S.I.R.	12	5/8	3/8	3-5 Pts.	2,440	3,270	4,115	5,110	6,170		
T100 M	1	1-5/8	1-3/64	4-342	7-06	63-00	M.B.P.	C.S.I.R.	12	5/8	3/8	3-5 Pts.				5,655	6,940	8,275	9,890
T100 MR	1	1-5/8	1-3/64	4-342	7-06	63-00	M.B.P.	C.S.I.R.	12	5/8	3/8	3-5 Pts.				5,655	6,940	8,275	9,890
T100 MTF	1	1-5/8	1-3/64	4-342	9-10	80-90	M.B.P.	C.S.I.R.	12	5/8	3/8	3-5 Pts.				5,655	6,940	8,275	9,890
T100 MTR	1	1-5/8	1-3/64	4-342	9-10	80-90	M.B.P.	C.S.I.R.	12	5/8	3/8	3-5 Pts.				5,655	6,940	8,275	9,890
T100 L	1	1-3/4	1-3/64	5-036	7-06	63-00	L.B.P.	C.S.I.R.	12	5/8	3/8	3-5 Pts.	3,125	3,960	5,010	6,385	7,760		
T100 LR	1	1-3/4	1-3/64	5-036	7-06	63-00	L.B.P.	C.S.I.R.	12	5/8	3/8	3-5 Pts.	3,125	3,960	5,010	6,385	7,760		
T100 LTF	1	1-3/4	1-3/64	5-036	6-80	60-60	L.B.P.	C.S.I.R.	12	5/8	3/8	3-5 Pts.	3,125	3,960	5,010	6,385	7,760		
T100 LTR	1	1-3/4	1-3/64	5-036	6-80	60-60	L.B.P.	C.S.I.R.	12	5/8	3/8	3-5 Pts.	3,125	3,960	5,010	6,385	7,760		
T150 MTF	1-1/2	1-3/4	1-3/64	5-036	11-30	101-00	M.B.P.	P.S.C.	12	5/8	3/8	3-5 Pts.				6,385	7,760	8,485	10,020
T150 MTR	1-1/2	1-3/4	1-3/64	5-036	11-30	101-00	M.B.P.	P.S.C.	12	5/8	3/8	3-5 Pts.				6,385	7,760	8,485	10,020
						BTU/HR													
T150 H	1-1/2	1-5/8	1-3/64	4-342	16-850		H.B.P.	P.S.C.	22	5/8	3/8	3-5 Pts.							Specially Designed for Air Conditioning
T200 H	2	1-3/4	1-3/64	5-036	20-000		H.B.P.	P.S.C.	22	5/8	3/8	3-5 Pts.							Specially Designed for Air Conditioning

Motor Key — S.P.: Split Phase. C.S.I.R.: Capacitor Start Induction Run. 3 PH.: 3 Phase. P.S.C.: Permanent Split Capacitor.

"AS" SERIES Specifications and Capacities

Model	H.P.	Bore Ins.	Str. Ins.	No. Cyl.	Cubic Ins. Per Rev.	Cubic Feet Per Min.	Cubic Feet Per Hr.	Cubic Ins. Per Min.	Condenser Surface Area		Evaporator Suction Temp. (Btu./Hr. 90° Room Temp.)													
									Pr'y □	Sec'y □	-30°	-20°	-10°	0°	10°	20°	30°	40°	45°	50°				
AS100L	1	1-3/4	1-1/2	2	7-21	6-01	360	10,382	7-06	63-00	2,600	4,050	5,800	7,750										
AS100M	1	1-1/2	1-1/2	2	5-30	4-41	265	7,633	7-06	63-00				5,815	7,290	8,945	10,820	12,700	13,800	14,870				
AS150L	1-1/2	2	1-1/2	2	9-42	7-85	471	13,564	10-75	107-50	3,400	5,250	7,600	10,100										
AS150M	1-1/2	1-3/4	1-1/2	2	7-21	6-01	360	10,382	10-75	107-50				7,900	9,900	12,150	14,700	17,250	18,750	20,200				
AS200L	2	2-1/4	1-1/2	2	11-93	9-94	596	17,176	16-36	163-00	4,350	6,650	9,600	12,800	16,200									
AS200M	2	2	1-1/2	2	9-42	7-85	471	13,564	16-36	163-00				10,300	12,900	15,900	19,200	22,500	24,500	26,400				
AS300L	3	1-3/4	1-1/2	4	14-42	12-02	720	20,764	23-40	208-50	5,200	8,050	11,600	15,500	19,600	24,250								
AS300M	3	2-1/4	1-1/2	2	11-93	9-94	596	17,176	23-40	208-50				13,050	16,350	20,100	24,300	28,500	31,000	33,400				
AS400L	4	2	1-1/2	4	18-84	15-70	942	27,129	28-40	253-00	6,800	10,550	15,150	20,250	25,600	31,650								
AS400M	4	1-3/4	1-1/2	4	14-42	12-02	720	20,764	28-40	253-00				15,800	19,700	24,350	29,400	34,500	37,500	40,400				
AS500M	5	2	1-1/2	4	18-84	15-70	942	27,129	34-00	303-00				20,650	25,900	31,750	38,350	45,050	49,000	52,750				
AS500L	5	2-1/4	1-1/2	4	23-86	19-88	1,192	34,352	34-00	303-00	8,700	14,300	19,200	25,600	32,400									
AS750H	7-1/2	2-1/4	1-1/2	4	23-86	19-88	1,192	34,352						33,930	42,510	52,260	63,180	74,100	80,600	86,840				

Refrigerant all models F12 EXCEPT MODEL AS750H—F22 For each 10°F. Increase in Ambient Temperature Decrease Capacity by 6%

COMPRESSOR PARTS

PISTONS, RINGS, PINS, CONN. RODS, AND SHAFTS

MAKE & MODEL	BORE Ins	CATALOGUE NOS. and MANUFACTURERS PART NOS.													
		PISTON		PISTON COMP		RINGS OIL		PISTON PIN		CONN. ROD OR ECC. STRAP		CRANKSHAFT OR ECC. SHAFT		ECCENTRIC SHEAVE	
		Cat.No.	P/N	Cat.No.	P/N	Cat.No.	P/N	Cat.No.	P/N	Cat.No.	P/N	Cat.No.	P/N	Cat.No.	P/N
BITZER															
Comp. No. 2		265130	2033	—	—	—	—		2034	265136	2035		2037		2036
Comp. No. 3		265131	3033	—	—	—	—		3034	265137	3035		3037	265144	3036
Comp. No. 4		265132	4033		4058	—	—		4034	265138	4035		4037	265145	4036
Comp. No. 5		265133	5033		5058	—	—		5034	265139	5035		5037	265146	5036
Comp. No. 6		265134	6033		6058	—	—		6034	265140	6035		6037	265147	6036
Comp. No. 7		265135	7033		7058	—	—		7034	265141	7035		7037	265148	7036
BRUNNER — GORDON															
S140	1.1/2	2651	S140-71	2656	S140-76	26512	S140-78	26521	S140-34	26530	S140-131	26535	S140-39	26539	S140-66
R330	1.13/16	2652	R330-71	2657	R330-76	26513	R330-77	26522	R330-34	26530	S140-131	26535	S140-39	26539	S140-66
R500	2.1/8	2653	R500-71	2658	R500-76	26515	R500-77	26523	R500-34	26531	R500-131	26536	R500-39	26540	R500-66
						26516	R500-78								
	2.1/2	2654	R650-71	2659	R650-76	26517	R650-77	26524	R650-34	26532	R650-131	26537	R650-39	26541	R650-66
						26518	R650-78								
	3.1/4	2655	R2002-71	26510	R2002-76	26519	R2002-77	26525	R2002-34	26533	R2002-131	26538	R2002-39	26542	R2002-66
						26520	R2002-78								
	3.1/4	2655	R2002-71	26510	R2002-76	26519	R2002-77	26525	R2002-34	26534	R5002-131	26538	R2002-39	26542	R2002-66
COLDSTREAM — BELT DRIVEN															
CH	1.9/16	26544	13C13	—	—	—	—	26575	16A14	26588	11A7	26594	8A1	265100	10A2
KB Plain Type with Rings	1.3/4	26545	13C6	26559	12A22	26568	12A21	26576	16A15	26588	11A7	26594	8A1	265100	10A2
		26546	13D20												
P Plain Type with Rings	1.9/16	26547	13C3	26560	12A9	26569	12A10	26575	16A14	26589	11A3	26595	8B10	265101	10B1
		26548	13D10												
Q	1.3/4	26545	13C6	—	—	—	—	26576	16A15	26588	11A7	26596	8B2	265102	10B8
M	2	26549	13D9	26561	12A12	26570	12A13	26577	16A16	26588	11A7	26596	8B2	265102	10B8
T - TB	2	26549	13D9	26561	12A12	26570	12A13	26578	16A5	26590	11A4	26596	8B2	265103	10B2
J	2.5/16	26550	13D30	26562	12A15	26571	12A16	26579	16A11	26591	11A10	26596	8B2	265104	10B3
R	2.9/16	26551	13D21	26563	12A23	26572	12A24	26580	16A8	26592	11B4	26597	8C9	—	—
O	3.1/16	26552	13D22	26564	12A25	26573	12A11	26581	16A9	26592	11B4	26597	8C9	—	—
JB Seal Side Thrust Side	2.5/16	26553	13D54	26565	12A15	26571	12A16	26579	16A11	26591	11A10	26596	8B2	265104	10B3
		26554	13D55												
RY	2.3/4	26555	13D47	26566	12A56	26574	12A57	26582	16A49	26592	11B4	26598	8C15	—	—
OB	3.1/16	26556	13D40	26567	12A25	26573	12A11	26581	16A9	26592	11B4	26598	8C15	—	—
RO	3.1/16	26556	13D40	26567	12A25	26573	12A11	26581	16A9	26593	11B10	26599	8C26	—	—
COLDSTREAM — ROTOSEALED															
CY Plain Top Profiled Top	1.9/16	265105	13C15					265117	16A40	—	11A13	—	—	265122	10A15
		265106	13C20												
KY Plain Top Profiled Top	1.9/16	265105	13C15					265117	16A40	—	11A16	—	—	265123	10A11
		265106	13C20												
NY	1.9/16	265105	13C15					265117	16A40	—	11A19	—	—	265124	10A14
BY	1.9/16	265105	13C15					265117	16A40	—	11A18	—	—	265125	10A13
FY	1.9/16	265105	13C15					265117	16A40	—	11A17	—	—	265126	10A12
NY	1.9/16	265105	13C15					265117	16A40	—	11A21	—	—	265127	10A16
BY	1.9/16	265107	13C24					265117	16A40	—	11A18	—	—	265125	10A13
NX	2	265108	13C25					265118	16A48	—	11A24	—	—	265126	10A12
BX	2	265108	13C25					265118	16A48	—	11A23	—	—	265125	10A13
FX	2	265108	13C25					265118	16A48	—	11A22	—	—	265127	10A16
NY	1.9/16	265107	13C24					265117	16A40	—	11A17	—	—	265126	10A12
FY	1.9/16	265107	13C24					265117	16A40	—	11A21	—	—	265127	10A16
NZ	2.1/4	265109	13C28					265119	16A53	—	11A24	—	—	265126	10A12
NL Thrust Side Motor Side	2.1/4	265109	13C28					265120	16A47	—	11B12	265121	8C13	—	—
		265110	13C29												
NU Thrust Side Motor Side	2	265111	13C26					265118	16A48	—	11B12	265121	8C13	—	—
		265112	13C27												

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COMPRESSOR PARTS

PISTONS, RINGS, PINS, CONN. RODS, AND SHAFTS

MAKE & MODEL	BORE Ins.	CATALOGUE NOS. and MANUFACTURERS PART NOS.															
		PISTON		PISTON RINGS				PISTON PIN		CONN. ROD OR ECC. STRAP		CRANKSHAFT OR ECC. SHAFT		ECCENTRIC SHEAVE			
		Cat. No.	P/N	COMP		OIL		Cat. No.	P/N	Cat. No.	P/N	Cat. No.	P/N	Cat. No.	P/N	Cat. No.	P/N
				Cat. No.	P/N	Cat. No.	P/N										
ELLIS & JUDGES																	
A	1.5/8	2661	P9	2667	P21			26612	BM27	26617	P8	26620	P46	26626	P45		
AA	1.3/4	2662	P247	2668	P248			26612	BM27	26617	P8	26620	P46	26626	P45		
B	1.7/8	2663	BM5	2669	P99			26613	P101	26618	P88	26621	P97	26627	P93		
C	2.1/4	2664	P298	26610	P100			26614	P102	26618	P88	26621	P97	26627	P93		
CC	2.3/8	2665	P299	26611	P63			26615	P78	26618	P88	26621	P97	26627	P93		
D	2.1/4	2664	P298	26610	P100			26614	P102	26618	P88	26622	P57	26627	P93		
DD	2.3/8	2665	P299	26611	P63			26615	P78	26618	P88	26622	P57	26627	P93		
E	2.1/4	2664	P298	26610	P100			26614	P102	26618	P88	26623	P58	26627	P93		
EE	2.3/8	2665	P299	26611	P63			26615	P78	26618	P88	26623	P58	26627	P93		
T-TP	1.3/4	2666	BMN2					26616	BMN48	26619	BMN15	26624	BMN49	26628	BMN59		
V-VP	1.3/4	2666	BMN2					26616	BMN48	26619	BMN15	26625	BMN50	26629	BMN60		
FRIGIDAIRE																	
A133	1.1/2	26630	SA3694	—	—	—	—	26637	636983	26641	630713	26645	637600	26650	1125771		
AD2	1.3/4	26631	5499140	26634	635927	—	—	26638	1131883	26642	1137810	26646	637601	—	—		
AD3	1.3/4	26631	5499140	26634	635927	—	—	26638	1131883	26642	1137810	26647	637602	—	—		
AD4	2.1/8	26632	SA3730	26635	98320	—	—	26639	1131884	26643	1138968	26648	637603	—	—		
AD6	2.1/2	26633	5499142	26636	634910	—	—	26640	1131885	26644	1138969	26649	5447002	—	—		
KELVINATOR																	
SA	1.1/4	26660	20759	—	—			26674	3614		49725		49729	—	—		
SB, SSB	1.1/4	26660	20759	—	—			26674	3614		49725		49762	—	—		
SG, SSG	1.1/2	26661	20243	—	—				20244		49725		49762	—	—		
H	1.11/16	26662	49565	—	—				20244		49502		49566	—	—		
PFBA	1.13/16	26663	49531	26668	49535				49532		N5835		3366	—	—		
K	2.1/4	26664	49530	26669	49534				3340		49536		49546	—	—		
Y	2.3/4	26665	49582	26670	49584				49583		49585		49591	—	—		
T	3.1/4	26666	49632	26671	49634				49633		49635		49642	—	—		
83	3.150	26667	GA63	26672	GA66	26673	GA67		GA64		GA68		GA71	—	—		
84	3.150	26667	GA63	26672	GA66	26673	GA67		GA64		GA69		GA72	—	—		
86	3.150	26667	GA63	26672	GA66	26673	GA67		GA64		GA69		GA73	—	—		
TERRY — BELT DRIVEN																	
E	1.515		90-12	—	—				95-11		85-16		35-11		40-11		
V, VL	1.515		90-12	—	—				95-11		85-16		35-12		40-13		
K	1.515		90-12	—	—				95-11		85-19		30-12	—	—		
B, BR	1.5/8		90-13	—	—				95-14		85-16		35-11		40-12		
Y, YL	1.5/8		90-13	—	—				95-14		85-16		35-12		40-13		
D	1.5/8		90-13	—	—				95-14		85-29		35-10		40-19		
DU	1.5/8		90-13	—	—				95-14		85-28		35-16		40-19		
C	1.3/4		90-18	—	—				95-15		85-16		35-11		40-12		
X	1.3/4		90-18	—	—				95-15		85-16		35-12		40-13		
U1/2" Piston Pin	1.7/8		90-20	—	—				95-16		85-28		35-16		40-19		
U,UHR,UHF etc. 9/16" Piston Pin	1.7/8		90-17	—	—				95-17		85-39		35-16		40-19		
R, RR etc.	2		90-31		105-1				95-21		85-34		35-16		40-21		
A, AL, J, JL, F, FL etc.	2.3/4		90-24		105-3				95-10		85-12		30-11	—	—		
P, PF etc.	2.3/4		90-10		105-3				95-10		85-12		30-18	—	—		
V4,V4F,V4H etc.	2.3/4		90-24		105-3				95-10		85-10		30-10	—	—		
Piston & Conn. Rod Assembly																	
KU	1.656				105-11						110-63		30-30				
RA	2.25				105-10				266329		110-62		30-25				
PJ	2.75				105-3				266328		110-64		30-31				
PJS	2.75				105-3				266328		110-64		30-35				
JY	2.75				105-3				266328		110-64		30-29				
PY	2.75				105-3				266328		110-64		30-29				
VS	2.75				105-3				266330		110-65		30-36				
V4S	2.75				105-3				266330		110-65		30-24				