

CARLYLE

06E Model designation

06ER 3 99 3 0 A

Model = 0, Package = 1 or 9, A = Shipped Without Oil

Design Variable:

New Compressors:

- 0 = OEM Model
- 1 = Carrier A/C Model
- 2 = Old Design Refrigeration Valve Plates
- 6 = Carrier A/C Model
- 9 = Cemak Model

Service Compressors:

- 2 = New Manufactured (A/C)
- 4 = Remanufactured (Low Temp.)
- 6 = Remanufactured (A/C)
- 7 = Remanufactured (Med Temp.)

Electrical Characteristics (XL and PW Start, Unless Noted):

- 0 = 208/230-3-60
- 1 = 575-3-60
- 3 = 208/230/460-3-50/60 (460v XL Only)
- 4 = 200-3-60
- 5 = 230-3-60
- 6 = 400/460-3-50/60
- 8 = 230-3-50
- 9 = 220/380-3-60

Displacement (in Cfm at 1750 rpm)

Motor Size (Does Not Signify Horsepower)

- 0, 1, 2 = Models With Oil
- 3, 4, 5 = Models Without Oil
- 7 = 1 Unloader, Suction Cut-off, Oil-less (ER, EM Only)
- 8 = Special Order

Compressor Type:

STD*	REV†		
06EA	06EF	Compressor - A/C Duty	No Unloading
06EB	06EJ	Compressor - A/C Duty	1-Step Elec.
06EC	06EK	Compressor - A/C Duty	2-Step Elec.
06ED	06EL	Compressor - A/C Duty	1-Step Press.
06EE	06EN	Compressor - A/C Duty	2-Step Press.
06E2	06E6	Compressor - A/C Duty	1-Step Elec.
06E3	06E7	Compressor - A/C Duty	2-Step Elec.
06E4	06E8	Compressor - A/C Duty	1-Step Press.
06E5	06E9	Compressor - A/C Duty	2-Step Press.
06EM	-	Compressor - Refrig. Duty	Med Temp.
06ER	-	Compressor - Refrig. Duty	Low Temp.
06ET	-	Serv. Compressor A/C Duty Replaces 06E2,3,4,5,6,7,8, and 9.	Compressor has 1 stage of suction cut-off unloading.
06EX	-	Serv. Compressor A/C Duty Replaces 06EA,B,C,D,E,F,J,K,L, and N.	Compressor has 1 stage of Bypass unloading.
06EY	-	Serv. Compressor Refrig. Duty Replaces 06ER	
06EZ	-	Serv. Compressor Refrig. Duty Replaces 06EM	

* Standard Center Cylinder Head.

† Reversed Center Cylinder Head.

Service compressors shipped with reverse center head have the letter "R" after the serial number on the shipping box.

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06E Compressors technical datas

REQUIRED ACCESSORIES - 06E

COMPRESSOR MODEL NO.	TERMINAL BOX KIT	SUCTION SERVICE VALVE KIT	ALTERNATE SUCTION SERVICE VALVE KIT	DISCHARGE SERVICE VALVE KIT	ALTERNATE DISCHARGE SERVICE VALVE KIT	OPTIONAL ACCESSORIES		
						SUSPENSION KIT	PLATE KIT	
06ET150	06EA660095 ↓	06EA660090	-	06DA660064	-	06EA660089 ↓	06EA660096 ↓	
250		↓	-	06DA660064	-			
265		↓	06EA660091	-	06DA660065			06EA660090
175		↓	↓	-	06DA660065			06EA660090
275		↓	↓	-	06DA660065			06EA660090
199		↓	↓	-	06EA660090			-
299		↓	↓	-	06EA660090			-
06EX150	06EA660095 ↓	06EA660090	-	06DA660064	-	06EA660089 ↓	06EA660096 ↓	
250		↓	-	06DA660064	-			
166		↓	06EA660091	-	06DA660064			-
266		↓	↓	-	06DA660064			-
265		↓	↓	-	06DA660065			06EA660090
175		↓	↓	-	06DA660065			06EA660090
275		↓	↓	-	06DA660065			06EA660090
199		↓	↓	-	06EA660090			-
299		↓	↓	-	06EA660090			-
06EY150		06EA660095 ↓	06EA660091	-	06DA660064			-
166	-			06DA660064	-			
175	-			06DA660065	06EA660090			
099	-			06DA660065	06EA660090			
06EZ150	-			06DA660064	-			
266	-	06DA660064	-	-	-			
175	-	06DA660065	06EA660090	-	06EA660090			
199	-	06DA660065	06EA660090	-	06EA660090			

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06E Compressors technical datas

06E COMPRESSOR DATA - THREE PHASE
STANDARD EFFICIENCY MODELS WITH ONE HOT PLUGGED GAS BYPASS UNLOADER HEAD

COMPRESSOR MODEL NO.	VOLT	HP	CFM	OIL CHG. PINTS	MAX. WATTS	MAX. RLA*	MTA	LRA
4 CYLINDER... AIR CONDITIONING... 60HZ								
06EX150-160	575	15	50	14	22000	31	38	98
06EX150-360	208-230/460	15	50	14	22000	72/36	90/45	283/142
06EX150-660**	460	15	50	14	22000	36	45	142
06EX250-160	575	20	50	14	25300	36	45	120
06EX250-360	208-230/460	20	50	14	25300	87/44	108/54	345/173
06EX250-660**	460	20	50	14	25300	45	56	150
06EX266-160	575	25	66	14	33600	46	57	164
06EX266-360	208-230/460	25	66	14	33600	112/56	140/70	446/223
06EX266-660	460	25	66	14	33600	57	71	205
4 CYLINDER... AIR CONDITIONING... 50 HZ								
06EX150-360	200/400	15	41.7	14	18300	72/36	90/45	283/142
06EX150-660**	400	15	41.7	14	18300	36	45	142
06EX250-360	200/400	20	41.7	14	21100	87/44	108/54	345/173
06EX250-660**	400	20	41.7	14	21100	45	56	150
06EX266-360	200/400	25	55	14	28000	112/56	140/70	446/223
06EX266-660**	400	25	55	14	28000	57	71	205
6 CYLINDER... AIR CONDITIONING... 60HZ								
06EX265-160	575	25	68	19	33600	46	57	164
06EX265-360	208-230/460	25	68	19	33600	112/56	140/70	446/223
06EX265-660	460	25	68	19	33600	57	71	205
06EX175-160	575	25	75	19	33600	46	57	164
06EX175-360	208-230/460	25	75	19	33600	112/56	140/70	446/223
06EX175-660	460	25	75	19	33600	57	71	205
06EX275-160	575	30	75	19	39100	52	65	176
06EX275-360	208-230/460	30	75	19	39100	135/68	168/84	506/253
06EX275-660	460	30	75	19	39100	65	81	220
06EX299-160	575	40	99	19	54000	77	97	240
06EX299-360	208-230/460	40	99	19	54000	189/95	236/118	690/345
06EX299-660	460	40	99	19	54000	97	121	300
6 CYLINDER... AIR CONDITIONING... 50 HZ								
06EX265-360	200/400	20	54	19	28000	112/56	140/70	446/223
06EX265-660**	400	20	54	19	28000	57	71	205
06EX175-360	200/400	25	62.5	19	28000	112/56	140/70	446/223
06EX175-660**	400	25	62.5	19	28000	57	71	205
06EX275-360	200/400	30	62.5	19	32600	135/68	168/84	506/253
06EX275-660**	400	30	62.5	19	32600	65	81	220
06EX299-360	200/400	40	82.5	19	45000	189/95	236/118	690/345
06EX299-660**	400	40	82.5	19	45000	97	121	300

* This is the maximum rated load amp rating for the compressor motor. The overcurrent protection (circuit breaker) in the unit may result in much lower RLA values.

** Order the discrete 400/460-3-50/60 volt compressor for part wind start applications only. When ordering, place the letters PW after the model number, (i.e., 06EX299660PW).

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06E Compressors technical datas

**06E COMPRESSOR DATA - THREE PHASE
HIGH EFFICIENCY MODELS**

COMPRESSOR MODEL NO.	VOLT	HP	CFM	OIL CHG. PINTS	MAX. WATTS	MAX. RLA*	MTA	LRA
4 CYLINDER... AIR CONDITIONING... 60HZ								
06ET150-1()0‡	575	15	50	14	22000	31	38	98
06ET150-3()0‡	208-230/460	15	50	14	22000	72/36	90/45	283/142
06ET150-6()0**‡	460	15	50	14	22000	36	45	142
06ET250-1()0‡	575	20	50	14	25300	36	45	120
06ET250-3()0‡	208-230/460	20	50	14	25300	87/44	108/54	345/173
06ET250-6()0**‡	460	20	50	14	25300	44	54	173
4 CYLINDER... AIR CONDITIONING... 50 HZ								
06ET150-320	200/400	15	41.7	14	18300	72/36	90/45	283/142
06ET150-360	200/400	15	41.7	14	18300	72/36	90/45	283/142
06ET150-620**	400	15	41.7	14	18300	36	45	142
06ET150-660**	400	15	41.7	14	18300	36	45	142
06ET250-320	200/400	20	41.7	14	21100	87/44	108/54	345/173
06ET250-360	200/400	20	41.7	14	21100	87/44	108/54	345/173
06ET250-620**	400	20	41.7	14	21100	44	54	173
06ET250-660**	400	20	41.7	14	21100	44	54	173
6 CYLINDER... AIR CONDITIONING... 60 HZ								
06ET265-1()0‡	575	25	65	19	33600	46	57	164
06ET265-3()0‡	208-230/460	25	65	19	33600	112/56	140/70	446/223
06ET265-6()0**‡	460	25	65	19	33600	56	70	223
06ET175-1()0‡	575	25	75	19	33600	46	57	164
06ET175-3()0‡	208-230/460	25	75	19	33600	112/56	140/70	446/223
06ET175-6()0**‡	460	25	75	19	33600	56	70	223
06ET275-1()0‡	575	30	75	19	39100	52	65	176
06ET275-3()0‡	208-230/460	30	75	19	39100	135/68	168/84	506/253
06ET275-6()0**‡	460	30	75	19	39100	68	84	253
06ET299-1()0‡	575	40	99	19	54000	78	97	240
06ET299-3()0‡	208-230/460	40	99	19	54000	189/95	236/118	690/345
06ET299-6()0**‡	460	40	99	19	54000	95	118	345
6 CYLINDER ... AIR CONDITIONING ... 50 HZ								
06ET265-320	200/400	25	54	19	28000	112/56	140/70	446/223
06ET265-360	200/400	25	54	19	28000	112/56	140/70	446/223
06ET265-620**	400	25	54	19	28000	56	70	223
06ET265-660**	400	25	54	19	28000	56	70	223
06ET175-320	200/400	25	62.5	19	28000	112/56	140/70	446/223
06ET175-360	200/400	25	62.5	19	28000	112/56	140/70	446/223
06ET175-620**	400	25	62.5	19	28000	56	70	223
06ET175-660**	400	25	62.5	19	28000	56	70	223
06ET275-320	200/400	30	62.5	19	32600	135/68	168/84	506/253
06ET275-360	200/400	30	62.5	19	32600	135/68	168/84	506/253
06ET275-620**	400	30	62.5	19	32600	68	84	253
06ET275-660**	400	30	62.5	19	32600	68	84	253
06ET299-320	200/400	40	82.5	19	45000	189/95	236/118	690/345
06ET299-360	200/400	40	82.5	19	45000	189/95	236/118	690/345
06ET299-620**	400	40	82.5	19	45000	95	118	345
06ET299-660**	400	40	82.5	19	45000	95	118	345

* This is the maximum rated load amp rating for the compressor motor. The overcurrent protection (circuit breaker) in the unit may result in much lower RLA values.

** Order the discrete 400/460-3-50/60 volt compressor for part wind start applications only. When ordering, place the letters PW after the model number, (i.e., 06EX299660PW).

‡ Digit indicated by () may be a 6 or a 2.

For other codes, please consult us

Compressors



CARRIER

Compressors shipped without oil and under nitrogen pressure

Manufactured by Carlyle USA

All references published on the compressor model designation are available. Please contact us for further information.

Ordering reference	Capacity (L)	Cylinder	Weight	Voltage (V)	Type
06ET-150---660PW-S	6,6	4	300	400/460-3-50/60	REMAN
06ET-150---66ERCDC	6,6	4	220	400/460-3-50/60	REMAN
06ET-175---66ERCDC	9	6	247	400/460-3-50/60	REMAN
06ET-250---66ARPS	6,6	4	224	400/460-3-50/60	REMAN
06ET-250---66ERCDC	6,6	4	221	400/460-3-50/60	REMAN
06ET-265---66ERCDC	9	6	195	400/460-3-50/60	REMAN
06ET-275---66ERCDC	9	6	264	400/460-3-50/60	REMAN
06ET-299---66ERCDC	9	6	272	400/460-3-50/60	REMAN



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Ordering reference	Capacity (L)	Cylinder	Weight (Kg)	Voltage (V)	Type
06ET-150---621DCEE	6,6	4	193	400/460-3-50/60	NEWMAN
06ET-175---621DCEE	9	6	230	400/460-3-50/60	NEWMAN
06ET-175-A-621DCEE	9	6	230	400/460-3-50/60	NEWMAN
06ET-199---621DCEE	9	6	250	400/460-3-50/60	NEWMAN
06ET-199-A-621DCEE	9	6	250	400/460-3-50/60	NEWMAN
06ET-250---621DCEE	6,6	4	224	400/460-3-50/60	NEWMAN
06ET-265---621DCEE	9	6	233	400/460-3-50/60	NEWMAN
06ET-275---621DCEE	9	6	234	400/460-3-50/60	NEWMAN
06ET-275-A-621DCEE	9	6	234	400/460-3-50/60	NEWMAN
06ET-299---621DCEE	9	6	250	400/460-3-50/60	NEWMAN
06ET-299-A-621DCEE	9	6	250	400/460-3-50/60	NEWMAN



CARRIER

06E Compressors spare parts

Compressors

Ordering Reference	Description	Application
801013	FEMALE CONNECTOR	
801064	230 VOLTS COIL /	
06DA-660---064--C	DISCHARGE VALVE KIT	06E--150/06E--250
06DA-660---065--C	DISCHARGE VALVE KIT	06E--265/06E--175/06E--275
06EA-402---273--S	BEARING AND OIL PUMP ASSEMBLY	
06EA-404---944--C-	VALVE PLATE	
06EA-500---101--EE	TERMINAL BOX COVER SCREW	
06EA-500---122EE-B	TERMINAL BOX GASKET	
06EA-500---132EE-A	TERMINAL BOX COVER GASKET	
06EA-500---404--EE	TERMINAL BOX	
06EA-500---752--EE	OIL SIGHT GLASS	
06EA-500---842--EE	TERMINAL BOX COVER	
06EA-660---026--S	CONNECTING ROD	
06EA-660---034--S	CONNECTING ROD	
06EA-660---071--S	GASKET SET	
06EA-660---079--C-	UNLOADER KIT	
06EA-660---085--S	ROD 010 PACKAGE	
06EA-660---086--S	CONNECTING ROD	
06EA-660---089--S	SUSPENSION KIT	
06EA-660---090--S	SUCTION & DISCHARGE VALVE KIT	06E--150/06E--250/06E--265/06E--175-A/06E--199-A/06E--275-A/06E--299-A
06EA-660---091--S	SUCTION VALVE KIT	06E--175/06E--199/06E--275/06E--299
06EA-660---100--C	PRESSURE UNLOADER HEAD	
06EA-660---104--S	CYLINDER HEAD GASKET SET	
06EA-660---109--S	PISTON	
06EA-660---110--S	PISTON	
06EA-660---111--S	PISTON	
06EA-660---112--S	PISTON 020 + PIN PACKAGE	

For other codes, please consult us



CARRIER

06E Compressors spare parts

Ordering Reference	Description
06EA-660---125--C	TERMINAL PLATE
06EA-660---135--S	ELECTRIC UNLOADER KIT
06EA-660---137--S	VALVE PLATE PACKAGE
06EA-660---138--S	CYLINDER HEAD (ELECTRIC UNLOADER)
06EA-660---139--S	CYLINDER HEAD (PRESSURE UNLOADER)
06EA-660---141--S	JUMPER BAR PACKAGE
06EA-660---143--S	VALVE PLATE
06EA-660---144--S	VALVE PLATE
06EA-660---147--S	BLOCKING PACKAGE
06EA-660---151--S	SERVICE PARTS PACKAGE
06EA-660---152--S	TERMINAL RING PACKAGE
06EA-660---156--S	ADAPTER
06EA-660---157--S	OIL PUMP KIT
06EA-660---159--S	VALVE PLATE (LEFT SIDE)
06EA-660---161--EE	CYLINDER HEAD
06EA-660---168--S	CRANKCASE HEATER KIT
06EA-660---391--EE	PISTON KIT
06EA-900---023--S	MOUNTING SPRING PKG
38AQ-680---001--S	CONTACT GREASE
--HN--68GA-295--C	R22 DGT
--WG--12RA-001--EE	R134A DGT
--WM--12FA-006--EE	CRANKCASE HEATER 230V
--WM--12FA-017--EE	CRANKCASE HEATER 230V / 125 W
--WM--12FA-018--EE	CRANKCASE HEATER 230V
--WM--12FA-020--EE	CRANKCASE HEATER 110V / 125 W
--XL--12AA-001--EE	OIL CHANGE VALVE 1/4 NPT-1/4 FLARE
--XM--12YC-024--EE	24 VOLTS COIL / 10 W
--XM--12ZA-115--EE	115 VOLTS COIL / 10 W