

PART NUMBERING GUIDE

SEMI-HERMETIC
COPELAND
REMANUFACTURED

CARLYLE REMANUFACTURED COPELAND COMPRESSOR
GUIDE TO PART NUMBERING SYSTEM

COMPRESSOR
FAMILY SERIES

Either a number or a
letter established for
each product model.

COMPRESSOR MOTOR TYPE

Code	Phase	Description
C	1	Capacitor Run - Cap. Start
I	1	Induction Run - Cap. Start
F	3	6 Lead, PW or XL (not 575V)
T	3	Misc. - Single Voltage, 3 Lead - Dual Voltage, 9 Lead

COMPRESSOR
MOTOR PROTECTOR

Code	Type Of Protection
A	External Line Break
F	Internal Line Break
S	Internal Solid State Sensing

DISPLACEMENT
& VALVE PLATE

A letter assigned for each different
displacement or valve plate within a
family (also for unloading and low temp)

OIL TYPE

Type	Code
Mineral	O
Alkyl	A
PCE	E

X X X X X X X X X X X X X

MOTOR COOLING

Code	Description
R	Refrigerant Cooled (Standard)
A	Air Cooled
D	Refrigerant Cooled (Discus)

COMPRESSOR
MOTOR RATING

Nominal (HP)	Code
1/2	005
3/4	007
1	010
1-1/2	015
5	050
7-1/2	075
10	100
15	150
20	200
22	220
25	250
30	300
35	350
40	400

ELECTRICAL CODES

60 Hz Volt - Ph.	Code
115 - 1	A
208/230 - 3	C
460 - 3	D
208/230/460 - 3	K
230/460 - 3	N
200 - 3	U
208/230 - 1	V

MODEL VARIATION

A number assigned to indicate major
variations within one family series

1.0 — GENERAL COMPRESSOR AND CUSTOMER INFORMATION

1.1 — Compressor Model Number Significance
06D COMPRESSORS

06DR 3 37 0 D A 36 5 A – (RP)**

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

Suction Cut-Off Unloading Designation for 06DR, DM Compressors:
0 = All Models Except as Noted
5 = No Oil
7 = 1 Unloader Elec. (DR, DM Only)
8 = 2 Unloaders

Electrical Characteristics (XL Start Only, Unless Noted):
New H.E. Models Old Std. Models
31 = 575-3-60 01 = 575-3-60 12 = 208/230-3-60
32 = 208/230-3-60 04 = 200-3-60 13 = 380-3-60
33 = 208/230-1-60 05 = 230-3-60 14 = 200-3-60 (PW)
34 = 220-3-50 06 = 400/460-3-50/60 15 = 230-3-60 (PW)
36 = 400/460-3-50/60 08 = 220-3-50 18 = 220-3-50 (PW)

Electrical Variables:
A = With Internal Thermostat and External Overloads
C = With Internal Thermostat and Without External Overloads

Suction Valve - Variables:
Location, Orientation and Mounting Bolts

Compressor Identification Key:
0 = New Compressor
2 = New Compressor
3 = New Compressor
6 = Service Compressor, Remanufactured
7 = Service Compressor, New Manufactured
8 = New Compressor, Special
9 = Service Compressor, Special

Displacement (in Cfm at 1750 rpm)

Motor Size - (Does Not Signify Horsepower)

Compressor Type:
06DA = Compressor - A/C Duty No Unloading
06DB = Compressor - A/C Duty 1-Step Elec. } Hot Gas Bypass
06DC = Compressor - A/C Duty 2-Step Elec. Unloading
06DD = Compressor - A/C Duty 1-Step Press. }
06DE = Compressor - A/C Duty 2-Step Press. Suction Cut-Off
06DF = Compressor - A/C Duty 1-Step Elec. Unloading
06DG = Compressor - A/C Duty 2-Step Elec. }
06DH = Compressor - A/C Duty 1-Step Press. }
06DJ = Compressor - A/C Duty 2-Step Press. }
06DM = Compressor Refrig. Duty Medium Temperature
06DR = Compressor Refrig. Duty Low Temperature
06DM = Service Compressor-Replacement for new 06DA, DM without Unloading
06DS = Service Compressor-Replacement for new 06DF,G,H and J with
suction cut-off unloading. Compressor has 1-Stage suction
cut-off unloading
06DX = Service Compressor-Replacement for new 06DB,C,D, and E with
hot gas (bypass) unloading. Compressor has 1-stage of
bypass unloading

**Refrigeration Partner

Compressors, Chillers & Condensers

Compressors,
Chillers, Condensers

Motors

Electrical

Heating
Components

Indoor Air
Quality

Thermostats

Oils &
Chemicals

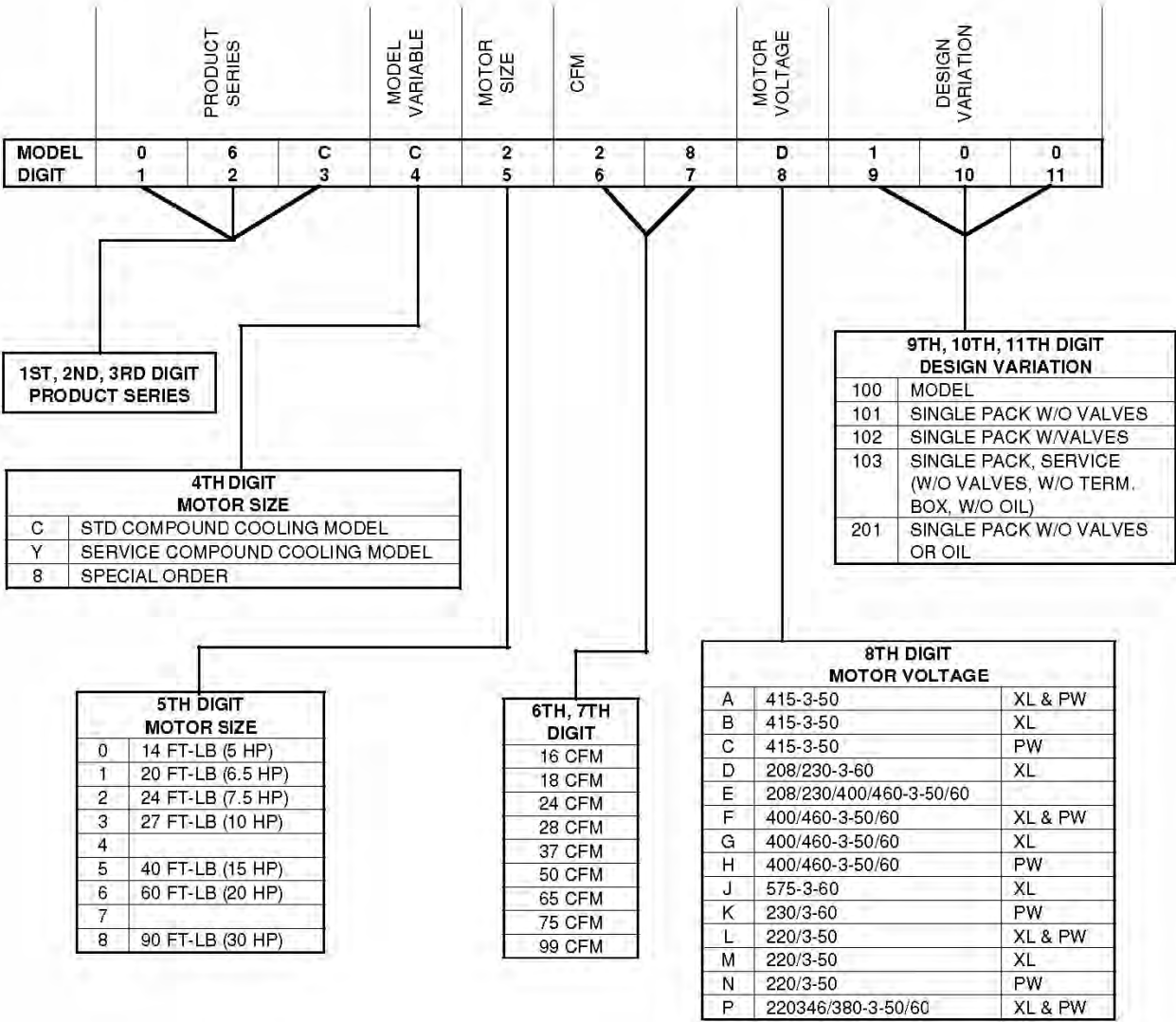
Accessories, Supplies
& Commodities

Tools &
Instruments

Refrigeration

PART NUMBERING GUIDE

SEMI-HERMETIC
CARLYLE
06CC/CY



Compressors, Chillers & Condensers

Compressors,
Chillers, Condensers

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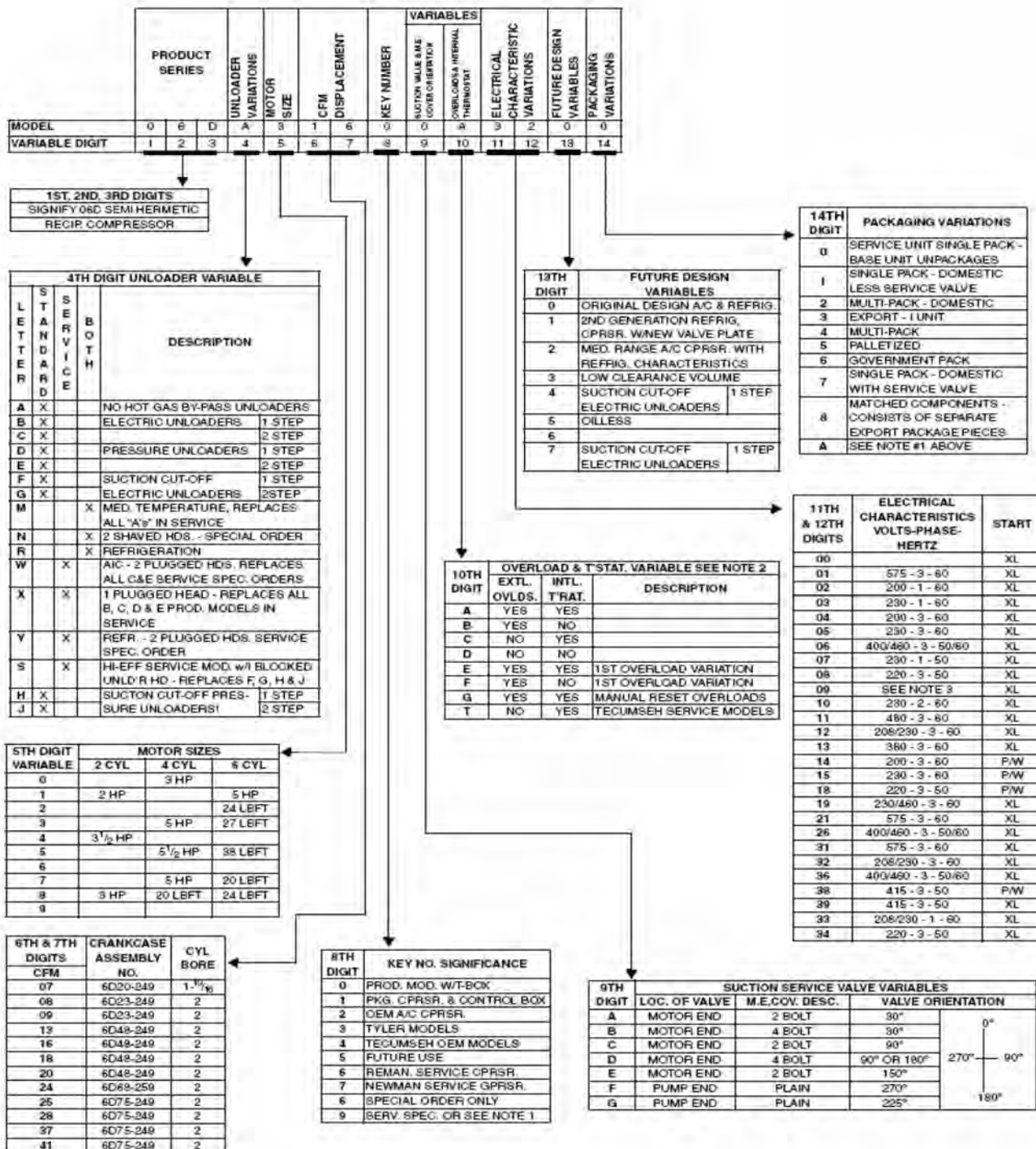
Refrigeration

PART NUMBERING GUIDE

SEMI-HERMETIC

CARLYLE

06D



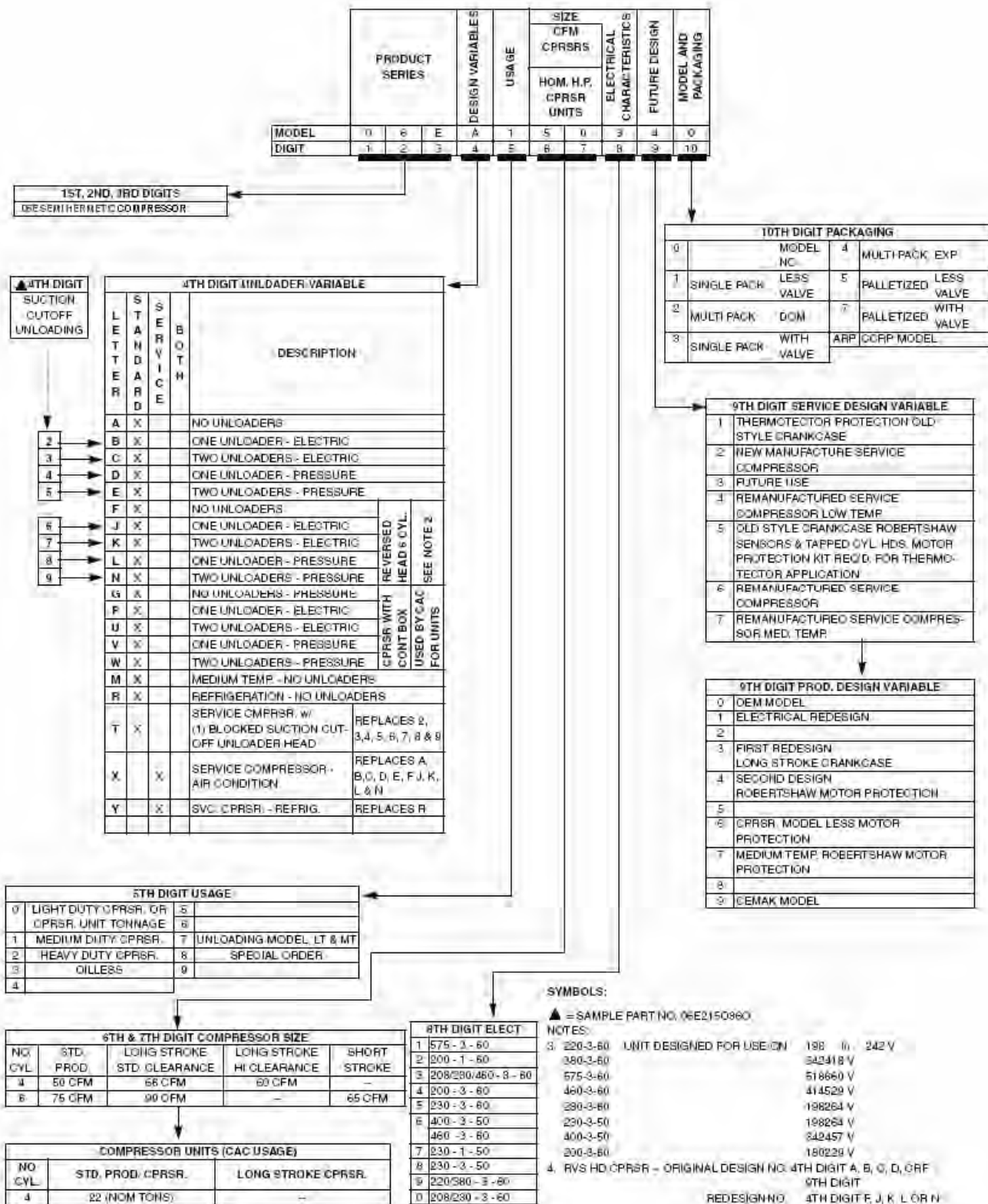
Compressors, Chillers & Condensers

PART NUMBERING GUIDE

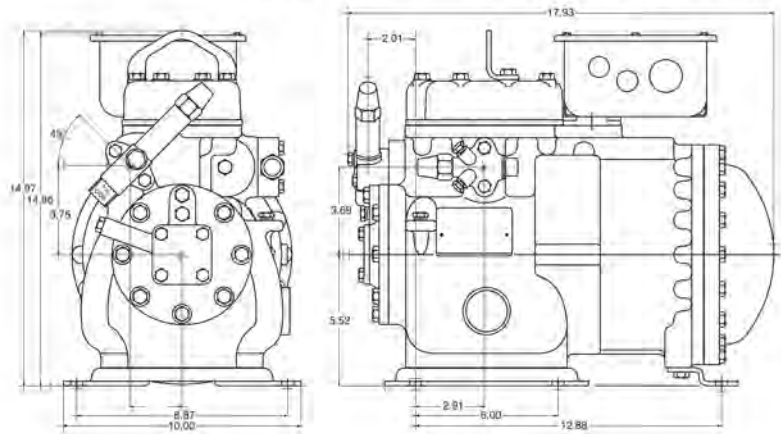
SEMI-HERMETIC

CARLYLE

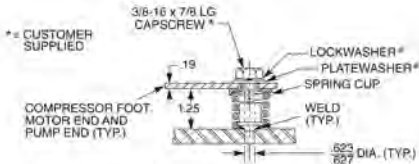
06E



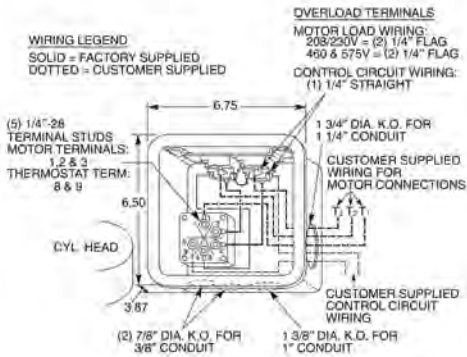
06D Medium/High Temperature Compressors



CYLINDERS: 2
CFM: 8
MODELS: 06DA808
 06DM808
UNLOADING AVAIL: NO
STEPS: 0



SPRING MOUNTING ARRANGEMENT



TERMINAL BOX DATA

NOTE: ALL DIMENSIONS ARE IN INCHES
Multiple service valve orientations are possible

Note: Compressors shown with optional accessories.

Refrigeration

Compressors, Chillers & Condensers

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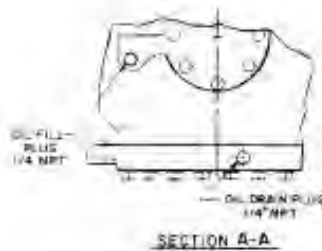
Accessories, Supplies
& Commodities

Tools &
Instruments

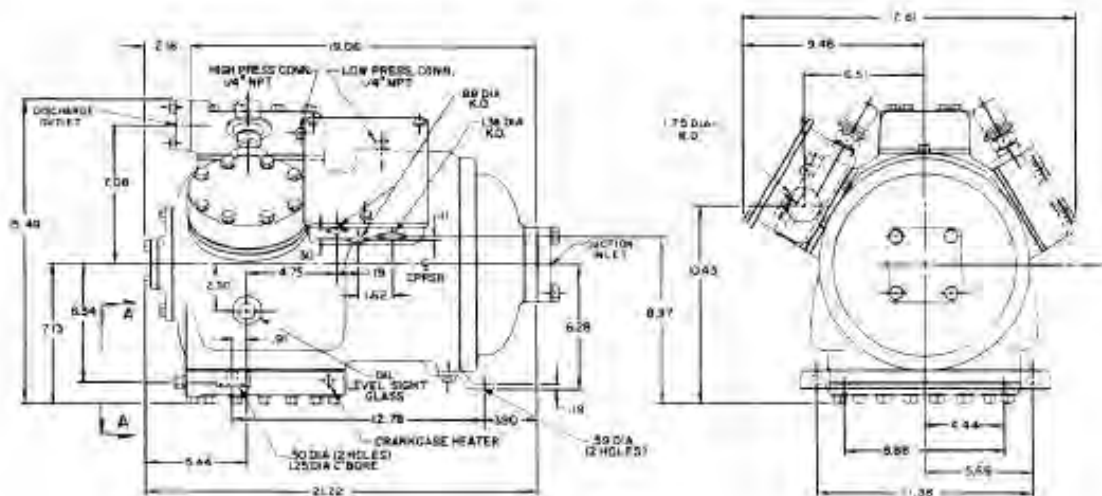
Refrigeration

CARLYLE 06D OUTLINE DRAWING 6 CYLINDER

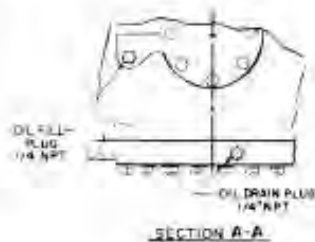
	24 CFM
NO. OF CYLINDERS	6
BORE AND STROKE (in.)	2.0 X 1.25
DISPLACEMENT CFM AT 1750 RPM	23.66
OIL, CHARGE, PINTS CPP33-2	9.5
DRY WEIGHT LESS SERVICE VALVES	275 LBS



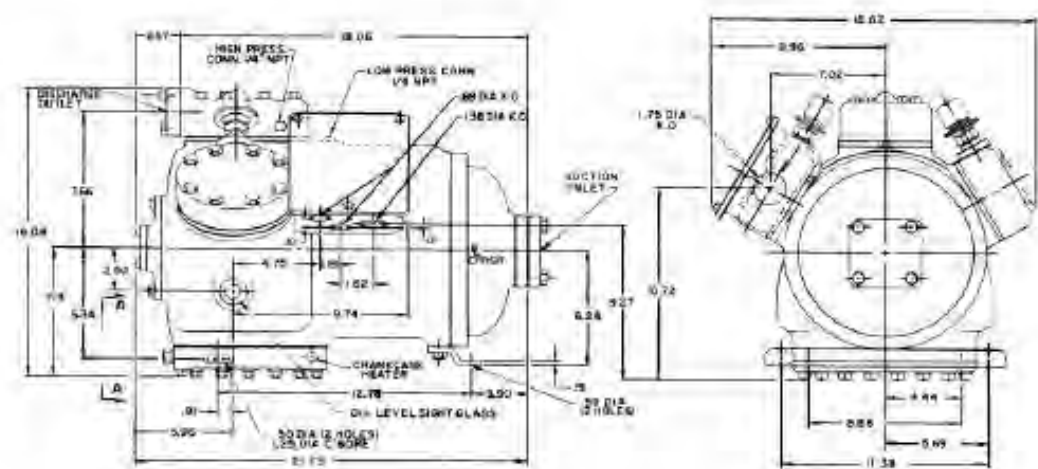
NOTE: OIL PUMP IS
AUTOMATICALLY
REVERSIBLE FOR
EITHER DIRECTION
OF ROTATION.



	28 CFM	37 CFM
NO. OF CYLINDERS	6	5
BORE AND STROKE (in.)	2.0 X 1.469	2.0 X 1.983
DISPLACEMENT CFM AT 1750 RPM	28.04	37.00
OIL, CHARGE, PINTS CPP33-2	9.5	9.5
DRY WEIGHT LESS SERVICE VALVES	305 LBS	305 LBS

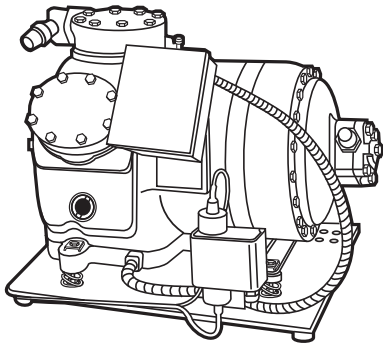


NOTE: OIL PUMP IS
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EITHER DIRECTION
OF ROTATION.



Note: Compressors shown with optional accessories.

SEMI-HERMETIC
CARLYLE
06D



06D MEDIUM AND HIGH TEMPERATURE
COMPRESSOR APPLICATION DATA

MEDIUM AND HIGH TEMP AIR COOLED CONDENSER

MODEL NO	HP	CYL	REFR	SUCTION TEMP RANGE (F)	SST	SCT	SC	BTUH
06DM808	3	2	R-22	0 to 50	45°	130°	0°	36.5
06DM313	5	4	R-22	0 to 50	45°	130°	0°	56.9
06DM316	5	4	R-22	0 to 50	45°	130°	0°	-
06D()818	6.5	4	R-22	0 to 50	45°	130°	0°	82.9
06D()824	7.5	6	R-22	0 to 50	45°	130°	0°	105.8
06D()825	7.5	6	R-22	0 to 50	45°	130°	0°	105.8
06D()328	10	6	R-22	0 to 50	45°	130°	0°	127.8
06D()337	10	6	R-22	0 to 50	45°	130°	0°	-
06D()537	15	6	R-22	0 to 50	45°	130°	0°	175.2

MEDIUM AND HIGH TEMP WATER COOLED CONDENSER

MODEL NO	HP	CYL	REFR	SUCTION TEMP RANGE (F)	SST	SCT	SC	BTUH
06DM808	3	2	R-22	0 to 50	40°	105°	0°	39.9
06DM313	5	4	R-22	0 to 50	40°	105°	0°	62.9
06DM316	5	4	R-22	0 to 50	40°	105°	0°	77.9
06D()818	6.5	4	R-22	0 to 50	40°	105°	0°	90.8
06D()824	7.5	6	R-22	0 to 50	40°	105°	0°	117.3
06D()825	7.5	6	R-22	0 to 50	40°	105°	0°	117.3
06D()328	10	6	R-22	0 to 50	40°	105°	0°	140
06D()337	10	6	R-22	0 to 50	40°	105°	0°	185.6
06D()537	15	6	R-22	0 to 50	40°	105°	0°	190.3

Compressors, Chillers & Condensers

Compressors, Chillers, Condensers
Motors
Electrical
Heating Components
Indoor Air Quality
Thermostats
Oils & Chemicals
Accessories, Supplies & Commodities
Tools & Instruments
Refrigeration

SEMI-HERMETIC
CARLYLE
06D

STANDARD EFFICIENCY MODELS

MODEL NO	VOLTS	PH	HZ	HP	CYL	OIL CHG (PINTS)	MAX WATTS	MAX RLA	MTA	LRA
06DX8186AC0600	400/460	3	50/60	6.5	4	7	9,000/10,800	15.7	22	62
06DX8186AC1200	208/230	3	60	6.5	4	7	10,800	34.9	48.8	137
06DX7246AC0100	575	3	60	6.5	6	10	10,800	14.1	17.6	50
06DX7246AC0600	400/460	3	50/60	6.5	6	10	9,000/10,800	17.6	22	62
06DX7246AC1200	208/230	3	60	6.5	6	10	10,800	39	48.8	137
06DX7246BC0100	575	3	60	6.5	6	10	10,800	14.1	17.6	50
06DX7246BC0600	400/460	3	50/60	6.5	6	10	9,000/10,800	17.6	22	62
06DX7246BC1200	208/230	3	60	6.5	6	10	10,800	39	48.8	137
06DX8246AC0100	575	3	60	7.5	6	10	14,100	15.9	22.2	62
06DX8246AC0600	400/460	3	50/60	7.5	6	10	11,700/14,100	19.7/19.9	27.8	77
06DX8246AC1200	208/230	3	60	7.5	6	10	14,100	43.9	61.5	170
06DX8246BC0100	575	3	60	7.5	6	10	14,100	15.9	22.2	62
06DX8246BC0600	400/460	3	50/60	7.5	6	10	11,700/14,100	19.7/19.9	27.8	77
06DX8246BC1200	208/230	3	60	7.5	6	10	14,100	43.9	61.5	170
06DX3286BC100	575	3	60	10	6	10	15,900	17.9	25	69
06DX3286BC0600	400/460	3	50/60	10	6	10	13,200/15,900	22.1	31	86
06DX3286BC1200	208/230	3	60	10	6	10	15,900	49.3	69	191
06DX3376BC0100	575	3	60	10	6	10	15,900	17.9	25	69
06DX3376BC0600	400/460	3	50/60	10	6	10	13,200/15,900	22.1	31	86
06DX3376BC1200	208/230	3	60	10	6	10	15,900	49.3	69	191
06DX5376BC0100	575	3	60	15	6	10	20,700	22.9	32	96
06DX5376BC0600	400/460	3	50/60	15	6	10	17,200/20,700	28.6	40	120
06DX5376BC1200	208/230	3	60	15	6	10	20,700	63.6	89	266

STANDARD EFFICIENCY MODELS, PART WIND START

MODEL NO	VOLTS	PH	HZ	HP	CYL	OIL CHG (PINTS)	MAX WATTS	MAX RLA	MTA	LRA
06DX3376-1400	200	3	60	10	6	10	15,900	27.6/27.6	34.5/34.5	115/92
06DX3376-1500	230	3	60	10	6	10	15,900	24.8/24.8	31.0/31.0	103/86
06DX5376-1400	200	3	60	15	6	10	20,700	35.6/35.6	44.5/44.5	160/133
06DX5376-1500	230	3	60	15	6	10	20,700	32.0/32.0	40.0/40.0	144/120
06DX3286-1800	220	3	50	10	6	10	13,200	41.6	52	143
06DX3376-1800	220	3	50	10	6	10	13,200	41.6	52	143
06DX5376-1800	220	3	50	15	6	10	17,200	46.9	67	200

Compressors, Chillers & Condensers

SEMI-HERMETIC CARLYLE 06D

MED TEMP, THREE PHASE

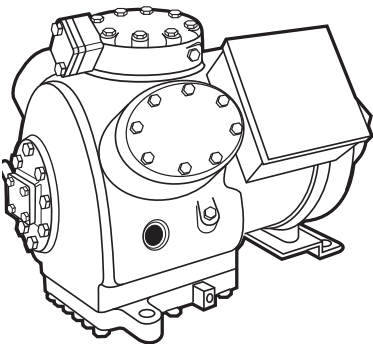
CARLYLE MODEL	TOTALINE MODEL	VOLTS	PH	HZ	HP	CYL	OIL CHG (PINTS)	MAX WATTS	MAX RLA	MTA	LRA
06DM8086GC3150		575	3	60	3	2	3	4100	4.5	7	28.4
06DM8086GC3250		208/230	3	60	3	2	3	4100	11.2	17.4	71
06DM8086GC3650		400/460	3	50/60	3	2	3	3,400/4,100	7/5.6	8.7	35.5
06DM3136CC3150		575	3	60	5	4	5	6250	6.9	10.8	40
06DM3136CC3250		208/230	3	60	5	4	5	6250	17.3	27	100
06DM3136CC3650		400/460	3	50/60	5	4	5	5,200/6,250	10.8/8.6	13.5	50
06DM3166CC3150		575	3	60	5	4	5	6250	6.9	10.8	40
06DM3166CC3250		208/230	3	60	5	4	5	6250	17.3	27	100
06DM3166CC3650		400/460	3	50/60	5	4	5	5,200/6,250	8.6	13.5	50
06DM8186AC0100	6DM8186TLAC0100	575	3	60	6.5	4	7		11.3-12.6		64-50
06DM8186AC0600	6DM8186TLAC0600	460	3	60	6.5	4	7		14.1-15.7		80-62
06DM8186AC1200	6DM8186TLAC1200	208/230	3	60	6.5	4	7		28.2-34.9		160-137
	6DM8186TLBC0100	575	3	60	6.5	4	7		11.3-12.6		64-50
	6DM8186TLBC0600	460	3	60	6.5	4	7		14.1-15.7		80-62
	6DM8186TLBC1200	208/230	3	60	6.5	4	7		28.2-34.9		160-137
06DM3376DC3150	6D3376TLBC0100T	575	3	60	10	6	10	16,500	16	25	91
06DM3376DC3650	6D3376TLBC0600T	400/460	3	50/60	10	6	10	13,700/16,500	22.1/19.9	31	114
06DM3376DC3250	6D3376TLBC1200T	208/230	3	60	10	6	10	16,500	39.7	62	228
06DM5376BC0100	6D5376TLBC0100T	575	3	60	15	6	10		20.5		96
06DM5376BC0600	6D5376TLBC0600T	400/460	3	50/60	15	6	10		57.1		120
06DM5376DC3250	6D5376TLBC1200T	208/230	3	60	15	6	10		25.6		266

HIGH TEMP, SUCTION CUT OFF, THREE PHASE

MODEL NO		VOLTS	PH	HZ	HP	CYL	OIL CHG (PINTS)	MAX WATTS	MAX RLA	MTA	LRA
06DS3136AC3100		575	3	60	5	4	5	6,250	6.9	10.8	40
06DS3136AC3600		400/460	3	50/60	5	4	5	5,200/6,250	10.8/8.6	13.5	50
06DS3136AC1200		208/230	3	60	5	4	5	6,250	17.3	27	100
06DS8186AC3100		575	3	60	6.5	4	7	10,800	11.3	17.6	64
06DS8186AC3600		400/460	3	50/60	6.5	4	7	9,000/10,800	15.7/14.1	22	80
06DS8186AC3200		208/230	3	60	6.5	4	7	10,800	28.2	44	160
06DS8246AC3100	6D8246TLAC0100T	575	3	60	7.5	6	10	12,800	14.2	22	79
06DS8246AC3600	6D8246TLAC0600T	400/460	3	50/60	7.5	6	10	10,700/12,800	19.9/17.8	27.8	99
06DS8246AC3200	6D8246TLAC1200T	208/230	3	60	7.5	6	10	12,800	35.5	55.5	198
06DS8246BC3100	6D8246TLBC0100T	575	3	60	7.5	6	10	12,800	14.2	22	79
06DS8246BC3600	6D8246TLBC0600T	400/460	3	50/60	7.5	6	10	10,700/12,800	19.9/17.8	27.8	99
06DS8246BC3200	6D8246TLBC1200T	208/230	3	60	7.5	6	10	12,800	35.5	55.5	198
06DS8256BC3100		575	3	60	7.5	6	10	12,800	14.2	22	79
06DS8256BC3600		460	3	60	7.5	6	10	12,800	17.8	27.8	99
06DS8256BC3200		208/230	3	60	7.5	6	10	12,800	35.5	55.5	198
06DS3286BC3100	6D3286TLBC0100T	575	3	60	10	6	10	16,500	16	25	91
06DS3286BC3600	6D3286TLBC0600T	400/460	3	50/60	10	6	10	13,700/16,500	22.1/19.9	31	114
06DS3286BC3200	6D3286TLBC1200T	208/230	3	60	10	6	10	16,500	39.7	62	228
06DS5376BC0100	6D5376TLBC0100T	575	3	60	15	6	10	20,700	20.5	32	96
06DS5376BC0600	6D5376TLBC0600T	400/460	3	50/60	15	6	10	17,200/20,700	32/25.6	40	120
06DS5376BC1200	6D5376TLBC1200T	208/230	3	60	15	6	10	20,700	57.1	89	266

SEMI-HERMETIC
CARLYLE
06E

MEDIUM AND HIGH TEMP, AIR COOLED CONDESNER



06E MEDIUM AND HIGH TEMPERATURE
COMPRESSOR APPLICATION DATA

MODEL NO	HP	CYL	REFR	SUCTION TEMP RANGE (F)	SST	SCT	SC	BTUH
06E()150	15	4	R-22	0 to 50	45°	130°	0°	-
06E()250	20	4	R-22	0 to 50	45°	130°	0°	223.3
06E()265	25	6	R-22	0 to 50	45°	130°	0°	300.3
06E()266	25	4	R-22	0 to 50	45°	130°	0°	290
06E()175	25	6	R-22	0 to 50	45°	130°	0°	-
06E()275	30	6	R-22	0 to 50	45°	130°	0°	332.8
06E()199	35	6	R-22	0 to 50	45°	130°	0°	-
06E()299	40	6	R-22	0 to 50	45°	130°	0°	437.9

MEDIUM AND HIGH TEMP, WATER COOLED CONDENSER

MODEL NO	HP	CYL	REFR	SUCTION TEMP RANGE (F)	SST	SCT	SC	BTUH
06E()150	15	4	R-22	0 to 50	40°	105°	0°	245.9
06E()250	20	4	R-22	0 to 50	40°	105°	0°	247
06E()265	25	6	R-22	0 to 50	40°	105°	0°	334.7
06E()266	25	4	R-22	0 to 50	40°	105°	0°	302.6
06E()175	25	6	R-22	0 to 50	40°	105°	0°	364.3
06E()275	30	6	R-22	0 to 50	40°	105°	0°	363
06E()199	35	6	R-22	0 to 50	40°	105°	0°	469.7
06E()299	40	6	R-22	0 to 50	40°	105°	0°	476.3

Compressors, Chillers, Condensers

Motors

Electrical



Indoor Air Quality



Motors

Electrical

Heating Components



Thermostats

Oils & Chemicals

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Tools & Instruments

Refrigeration

Compressors, Chillers & Condensers

**SEMI-HERMETIC
CARLYLE
06E, THREE PHASE**

STANDARD EFFICIENCY

CARLYLE MODEL	TOTALINE MODEL	VOLTS	PH	HZ	HP	CYL	OIL CHG (PINTS)	MAX WATTS	MAX RLA	MTA	LRA
06EX150-160	6E150TL160T	575	3	60	15	4	14	22,000	31	38	98
06EX150-360	6E150TL360T	208-230/460	3	60	15	4	14	22,000	72/36	90/45	283/142
06EX150-660		400/460	3	50/60	15	4	14	18,300/22,000	72/36	90/45	283/142
06EX250-160	6E250TL160T	575	3	60	20	4	14	25,300	36	45	120
06EX250-360	6E250TL360T	208-230/460	3	60	20	4	14	25,300	87/44	108/54	345/173
06EX250-660		460	3	60	20	4	14	25,300	45	56	150
06EX266-160		575	3	60	25	4	14	33,600	46	57	164
06EX266-360		208-230/460	3	60	25	4	14	33,600	112/56	140/70	446/223
06EX266-660		460	3	60	25	4	14	33,600	57	71	205
06EX250-360	6E250TL360T	200/400	3	50	20	4	14	21,100	87/44	108/54	345/173
06EX250-660		400	3	50	20	4	14	21,100	45	56	150
06EX266-360		200/400	3	50	25	4	14	28,000	112/56	140/70	446/223
06EX266-660		400	3	50	25	4	14	28,000	57	71	205
06EX265-160	6E265TL160T	575	3	60	25	6	19	33,600	46	57	164
06EX265-360	6E265TL360T	208-230/460	3	60	25	6	19	33,600	112/56	140/70	446/223
06EX265-660		460	3	60	25	6	19	33,600	57	71	205
06EX175-160	6E175TL160T	575	3	60	25	6	19	33,600	46	57	164
06EX175-360	6E175TL360T	208-230/460	3	60	25	6	19	33,600	112/56	140/70	446/223
06EX175-660		460	3	60	25	6	19	33,600	57	71	205
06EX275-160	6E275TL160T	575	3	60	30	6	19	39,100	52	65	176
06EX275-360	6E275TL360T	208-230/460	3	60	30	6	19	39,100	135/68	168/84	506/253
06EX275-660		460	3	60	30	6	19	39,100	65	81	220
06EX299-160	6E299TL160T	575	3	60	40	6	19	54,000	77	97	240
06EX299-360	6E299TL360T	208-230/460	3	60	40	6	19	54,000	189/95	236/118	690/345
06EX299-660		460	3	60	40	6	19	54,000	97	121	300
06EX265-360		200/400	3	50	20	6	19	28,000	112/56	140/70	446/223
06EX265-660		400	3	50	20	6	19	28,000	57	71	205
06EX175-360		200/400	3	50	25	6	19	28,000	112/56	140/70	446/223
06EX175-660		400	3	50	25	6	19	28,000	57	71	205
06EX275-360		200/400	3	50	30	6	19	32,600	135/68	168/84	506/253
06EX275-660		400	3	50	30	6	19	32,600	65	81	220
06EX299-360		200/400	3	50	40	6	19	45,000	189/95	236/118	690/345
06EX299-660		400	3	50	40	6	19	45,000	97	121	300

FOR REFERENCE
PHYSICAL AND ELECTRICAL DATA

06EX HAS BEEN REPLACED BY 06ET SERIES

Compressors, Chillers & Condensers

SEMI-HERMETIC

CARLYLE

06E, THREE PHASE

HIGH EFFICIENCY, SUCTION CUT-OFF

CARLYLE MODEL	TOTALINE MODEL	VOLTS	PH	HZ	HP	CYL	OIL CHG (PINTS)	MAX WATTS	MAX RLA	MTA	LRA
06ET150-160		575	3	60	15	4	14	22,000	31	38	98
06ET150-360	6E150TL360T	208-230/460	3	60	15	4	14	22,000	72/36	90/46	283/142
06ET150-660 PW		460	3	60	15	4	14	22,000	36	46	142
06ET250-160	6E250TL160T	575	3	60	20	4	14	25,300	36	45	120
06ET250-360	6E250TL360T	208-230/460	3	60	20	4	14	25,300	87/44	108/54	345/173
06ET250-660 PW		460	3	60	20	4	14	25,300	44	54	173
06ET150-320		200/400	3	50	15	4	14	18,300	72/36	90/46	283/142
06ET150-360		200/400	3	50	15	4	14	18,300	72/36	90/46	283/142
06ET150-620		400	3	50	15	4	14	18,300	36	46	142
06ET150-660 PW		400	3	50	15	4	14	18,300	36	46	142
06ET250-320		200/400	3	50	20	4	14	21,100	87/44	108/54	345/173
06ET250-360	6E250TL360T	200/400	3	50	20	4	14	21,100	87/44	108/54	345/173
06ET250-620		400	3	50	20	4	14	21,100	44	54	173
06ET250-660 PW		400	3	50	20	4	14	21,100	44	54	173
06ET265-160		575	3	60	25	6	19	33,600	46	57	164
06ET265-360	6E265TL360T	208-230/460	3	60	25	6	19	33,600	112/56	140/70	446/223
06ET265-360 R	6E265TL360TR	208-230/460	3	60	25	6	19	33,600	112/56	140/70	446/223
06ET265-660 PW		460	3	60	25	6	19	33,600	56	70	223
06ET175-160		575	3	60	25	6	19	33,600	46	57	164
06ET175-360	6E175TL360T	208-230/460	3	60	25	6	19	33,600	112/56	140/70	446/223
06ET175-360 R	6E175TL360TR	208-230/460	3	60	25	6	19	33,600	112/56	140/70	446/223
06ET175-660 PW		460	3	60	25	6	19	33,600	56	70	223
06ET275-160	6E275TL160T	575	3	60	30	6	19	39,100	52	65	176
06ET275-360	6E275TL360T	208-230/460	3	60	30	6	19	39,100	135/68	168/84	506/253
06ET275-360 R	6E275TL360TR	208-230/460	3	60	30	6	19	39,100	135/68	168/84	506/253
06ET275-660 PW		460	3	60	30	6	19	39,100	68	84	253
06ET299-160	6E299TL160T	575	3	60	40	6	19	54,000	75	94	276
06ET299-360	6E299TL360T	208-230/460	3	60	40	6	19	54,000	189/95	236/118	690/345
06ET299-360 R	6E299TL360TR	208-230/460	3	60	40	6	19	54,000	189/95	236/118	690/345
06ET299-660 PW		460	3	60	40	6	19	54,000	95	118	345
06ET265-320		200/400	3	50	25	6	19	28,000	112/56	140/70	446/223
06ET265-360	6E265TL360	200/400	3	50	25	6	19	28,000	112/56	140/70	446/223
06ET265-620		400	3	50	25	6	19	28,000	56	70	223
06ET265-660		400	3	50	25	6	19	28,000	56	70	223
06ET175-320		200/400	3	50	25	6	19	28,000	112/56	140/70	446/223
06ET175-360	6E175TL360T	200/400	3	50	25	6	19	28,000	112/56	140/70	446/223
06ET175-620		400	3	50	25	6	19	28,000	56	70	223
06ET175-660		400	3	50	25	6	19	28,000	56	70	223
06ET275-320		200/400	3	50	30	6	19	32,600	135/68	168/84	506/253
06ET275-360	6E275TL360T	200/400	3	50	30	6	19	32,600	135/68	168/54	506/253
06ET275-620		400	3	50	30	6	19	32,600	68	84	253
06ET275-660		400	3	50	30	6	19	32,600	68	84	253
06ET299-320		200/400	3	50	40	6	19	45,000	189/95	236/118	690/345
06ET299-360	6E299TL360T	200/400	3	50	40	6	19	45,000	189/95	236/118	690/345
06ET299-620		400	3	50	40	6	19	45,000	95	118	345
06ET299-660		400	3	50	40	6	19	45,000	95	118	345

“R” Suffix designates Reverse Head

“PW” Suffix designates Part Wind Compressor

Compressors, Chillers & Condensers

Compressors,
Chillers, Condensers

Motors

Electrical

Heating
Components

Indoor Air
Quality

Thermostats

Oils &
Chemicals

Accessories, Supplies
& Commodities

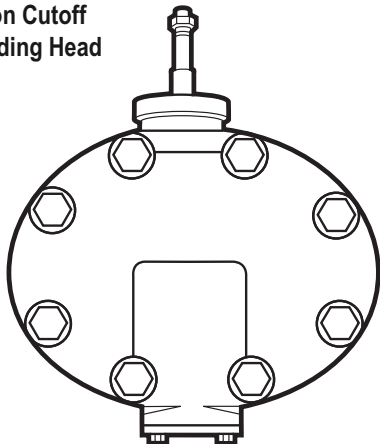
Tools &
Instruments

Refrigeration

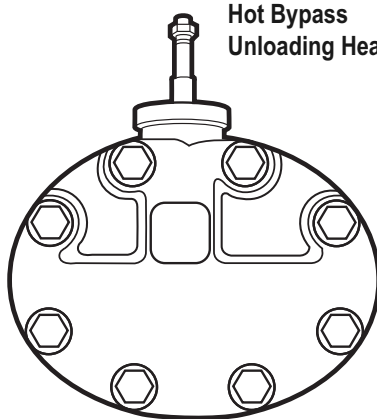
CARLYLE SEMI-HERMETIC COMPRESSORS/ACCESSORIES

SUCTION CUTOFF UNLOADING VS HOT GAS BYPASS UNLOADING

Suction Cutoff
Unloading Head



Hot Bypass
Unloading Head



Suction cutoff unloading is a more efficient unloading method for the 06D/06E compressors. There are substantial energy savings and improved compressor reliability when a hot gas bypass unloading system is replaced with suction cutoff unloading.

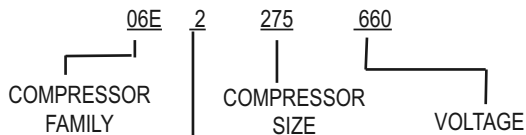
Since 1981 many of the Commercial Products Carrier produced with 06E compressors utilized "Suction Cutoff Unloading" in place of Hot Gas Bypass Unloading. It is easy to identify a suction cutoff unloading compressor from a hot gas bypass unloading compressor. This can be done in one of two ways:

- #1) The Finished Goods (new) compressor model number is different than the hot gas bypass model number.
- #2) The unloading heads themselves physically look different.

The parts used in Hot Gas Bypass are different from those used in Suction Cutoff Unloading. These differences are:

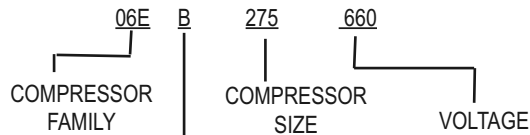
CENTER CYLINDER HEAD 06EA502074 STANDARD HEAD 06E502084 REVERSED HEAD

SUCTION CUTOFF



2	one electric unloader	
3	two electric unloaders	
4	one pressure unloader	
5	two pressure unloaders	
6	one electric unloader	Reversed Center Head (6 cylinder)
7	two electric unloaders	
8	one pressure unloader	
9	two pressure unloaders	

HOT GAS BYPASS



B	one electric unloader	
C	two electric unloaders	
D	one pressure unloader	
E	two pressure unloaders	
J	one electric unloader	Reversed Center Head (6 cylinder)
K	two electric unloaders	
L	one pressure unloader	
N	two pressure unloaders	

HOT GAS BYPASS PART NO	SUCTION CUTOFF PART NO	CENTER CYLINDER HEAD	DESCRIPTION
06EA660105	--	06EA680137	Valve Plate Package
06EA503314	--	06EA503334 (stnd)	Cylinder Head Gasket
--	06EA660137	06EA660137	Valve Plate Package
--	06EA503334	06EA503314 (rev)	Cylinder Head Gasket
--	06EA503524	--	Cylinder Head

The valve plate gasket for both Hot Gas Bypass and Suction Cutoff is 06EA504884.

Both hot gas bypass and suction cutoff use the same Control Valve Packages:

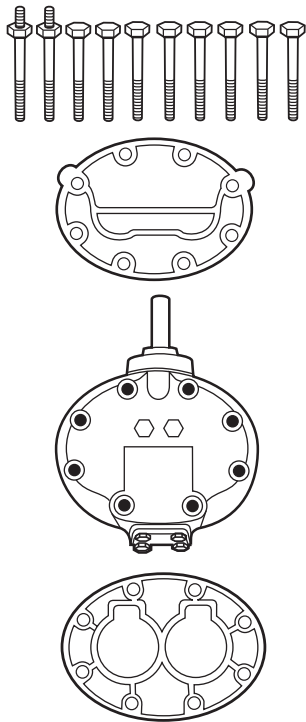
Pressure Control Valve **P/N 06EA660100**

Electric Control Valve **P/N 06EA660135**

These control valves are similar to those you used in the past except that the bypass piston is now separate from the valve and the pressure control valve has had internal modifications that allow it to operate on suction cutoff applications

CARLYLE SEMI-HERMETIC COMPRESSORS/ACCESSORIES
06D SUCTION CUTOFF UNLOADING KITS

ELECTRIC CAPACITY CONTROL Part No. 06DA660089



The capacity control valve in this package is actuated by an electric solenoid. The solenoid is either energized or de-energized by the action of an external controller. The solenoid coil is not supplied with this package. This package can be used to (1) convert an 06D compressor with hot gas bypass unloading to electrically operated suction cutoff unloading, (2) add unloading or (3) add a second bank of unloading to an 06D compressor.

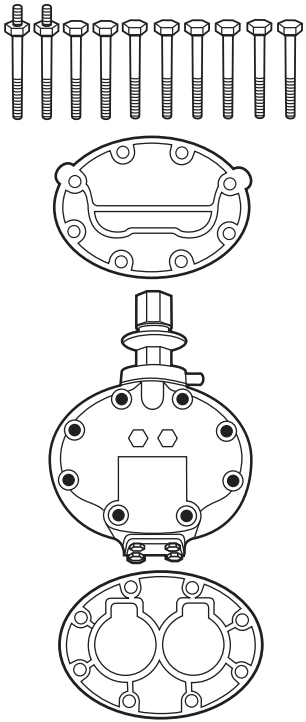
The kit consists of the following:

- Cylinder Head **06DA504614** Assembly (incl. 06EA660135 capacity control valve)
- Valve Plate Gasket **06DA500153**
- Cylinder Head Gasket **05GA502223**
- Cylinder Head Bolts **AA06GR239**
- Instructions

Solenoid Coils for electric unloader valve: **(NOT INCLUDED)**(

PART NO.	VOLTAGE
EF19ZE024	24
EF19ZE120	120
EF19ZE240	208-240

06D SUCTION CUTOFF UNLOADING KITS WITH PRESSURE CAPACITY CONTROL
PACKAGE PART NUMBER: 06DA660090



NOT RECOMMENDED FOR REFRIGERATION APPLICATIONS

The capacity control valve in this package is controlled by suction pressure and actuated by discharge pressure. This package can be used to:

- (1) convert an 06D compressor with hot gas bypass unloading to suction cutoff unloading,
- (2) add unloading, or
- (3) add a second bank of unloading to an 06D compressor.

The kit consists of the following:

- Cylinder Head Assembly **06DA504614**(incl.06EA660100 capacity control valve)
- Valve Plate Gasket **06DA500153**
- Cylinder Head Gasket **050A502223**
- Cylinder Head Bolts **AA06GR239**
- Instructions

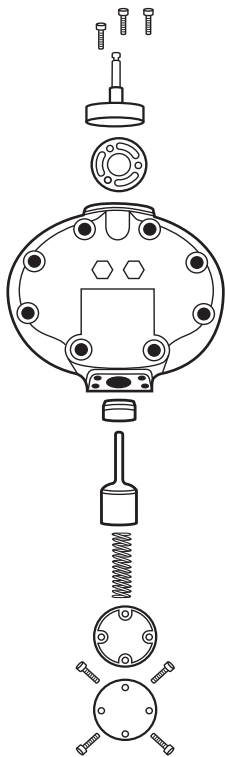
CARLYLE SEMI-HERMETIC COMPRESSORS/ACCESSORIES
06D SUCTION CUTOFF UNLOADER REPAIR KIT 06DA660111
SUCTION CUTOFF UNLOADING

This kit contains the parts used internally for the suction cutoff unloading head. It is used for both electric and pressure operated suction cutoff unloading applications. The kit **does not** contain the capacity control valve.

The kit contains the following:

- Piston and Ring 06DA503072
- Valve Body 06DA502963
- Spring 06DA502953
- Capacity Control Valve Gasket 06EA501253
- Cover Gasket 06DA502983
- Strainer 6D75601
- Instructions

06E SUCTION CUTOFF UNLOADER REPAIR KIT
ELECTRIC CAPACITY CONTROL MODIFICATION
PACKAGE 06EA660138



The capacity control valve in this package is actuated by an electric solenoid. The solenoid is either energized or de-energized by the action of an external controller. The solenoid coil **is not** supplied with this package. This package can be used to

- (1) convert an 06E compressor with hot gas bypass unloading to electrically operated suction cutoff unloading,
- (2) add unloading or
- (3) add a second bank of unloading to an 06D compressor.

- The kit consists of the following:
- Cylinder Head 06EA502094 Assembly (incl. 06EA660135 electric capacity control valve)
 - Valve Plate Gasket A/C 06EA506414 & Ref. 06EA501853
 - Suction Valves 06EA660104
 - Cylinder Head Gasket 06EA503334
 - Capscrews AB44AA168
 - Washers AU52YA171
 - Instructions

Solenoid Coils for electric unloader valve:(NOT INCLUDED)

PART NO.	VOLTAGE
EF19ZE024	24
EF19ZE120	120
EF19ZE240	208-240

SUCTION CUTOFF UNLOADING REPAIR KIT
06EA660079

This kit contains the parts used internally for the suction cutoff unloading head. It is used for both electric and pressure operated suction cutoff unloading applications. The kit **does not** contain the capacity control valve.

- The kit contains the following:
- Piston 06EA505224
 - Ring 06EA502023
 - Valve Body 06DA408824
 - Spring
 - Capacity Control Valve Gasket 06EA501253
 - Cover Gasket 06EA501382
 - Strainer 6D75601
 - Instructions

Compressors, Chillers, Condensers	
Motors	
Electrical	
Heating Components	
Indoor Air Quality	
Thermostats	
Oils & Chemicals	
Accessories, Supplies & Commodities	
Tools & Instruments	
Refrigeration	

CARLYLE SEMI-HERMETIC COMPRESSORS/ACCESSORIES
06E SUCTION CUTOFF UNLOADING KIT

PRESSURE CAPACITY CONTROL MODIFICATION PACKAGE
PART NO. 06EA660139

NOT RECOMMENDED FOR REFRIGERATION APPLICATIONS

The capacity control valve in this package is controlled by suction pressure and actuated by discharge pressure. This package can be used to
(1) convert an 06E compressor with hot gas bypass unloading to pressure operated suction cutoff unloading,
(2) add unloading, or
(3) add a second bank of unloading to an 06E compressor.

The kit contains the following:
Cylinder Head **06EA502094** (incl. **06EA660100** electric capacity control valve)
Valve Plate Gasket A/C **06EA506414**)
Suction Valves **06EA660104**
Cylinder Head Gasket **06EA503334**
Capscrews **AB44AA168**
Washers **AU52YA171**
Instructions

SUCTION CUTOFF UNLOADING REPAIR KIT 06EA660079

This kit contains the parts used internally for the suction cutoff unloading head. It is used for both electric and pressure operated suction cutoff unloading applications.
The kit **does not** contain the capacity control valve.
The kit contains the following:

Piston **06EA505224**
Ring **06EA502023**
Valve Body **06DA408824**
Spring
Capacity Control Valve Gasket **06EA501253**
Cover Gasket **06EA501382**
Strainer **6D75601**
Instructions

CONTROL VALVE KITS

These kits contain the capacity control valve. The 06D and 06E compressors use the same capacity control valve. (The piston assembly is used with hot gas bypass unloading only.)

06EA660100 Pressure operated kit contains the following:

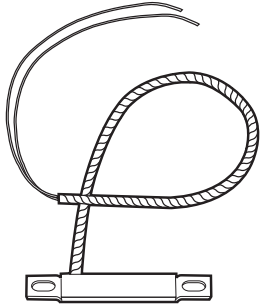
Pressure Operated Capacity Control Valve **06EA660100**
Capacity Control Valve Gasket **06EA501253**
Piston Assembly (for HGBP) **06EA505224**
Wrench **06EA680036**
Instructions

06EA660135 Electrically operated kit contains the following:

Electrically Operated Capacity Control Valve **06EA660135**
(**Select appropriate solenoid coil: 24, 120, or 208-240V**)
Capacity Control Valve Gasket **06EA501253**
Piston Assembly (for HGBP) **06EA505224**
Instructions

Compressors, Chillers & Condensers

CARLYLE SEMI-HERMETIC COMPRESSORS/ACCESSORIES CRANKCASE HEATERS



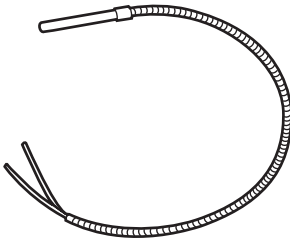
BAR/STRIP STYLE 06D, 2 CYL. AND 4 CYL. 8, 9, 13, 16 CFM MODELS

Dimensions: 7 1/2" Long, 1" Wide, 1/2" Thick

PART NO	WATTS	VOLTS	LEAD LENGTH (in)	CONDUIT LENGTH (in)
06DA660091	50	115	39	24
06DA660092	50	230	39	24

06D, 06E, 06CC, 06CY

- NEW STRAIGHT TUBE HEATER DESIGN
- KIT CONTAINS CRANKCASE HEATER, RETAINER CLIP AND ANTI-SHORT BUSHING, **HEAT CONDUCTING GREASE (P/N: 38AQ680001)**



CRANKCASE HEATER PACKAGE	HEATER NUMBER	WATTS	VOLTS	CONDUIT LENGTH (in)	WIRE LENGTH (in)
06EA660165	HT36DM132	180	115	19	24
06EA660167	HT36DM134	180	115	52	73
06EA660166	HT36DM432	180	230	19	24
06EA660168	HT36DM434	180	230	52	73
06DA660076	HT36DL480	125	480	NONE	24
06EA660107	HT36FL379	125	120	52	73
06EA660108	HT36FL479	125	240	52	73

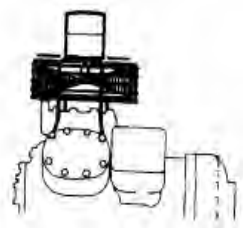
LIQUID INJECTION VALVES (For R-22 Low Temp. Apps)

06DR, 06EY, 06CY

PART NO.	VALVE SIZE	USAGE
EA11ZC011	1/2 Ton	All 06DR, 06CY16, 18, 24, 25, 28, 37
EA11ZC022	1 Ton	06EY750, 765, 775 — 06CY550, 665, 675
EA11ZC030	1 1/2 Ton	06EY799 — 06CY899

OPTIONAL ACCESSORIES

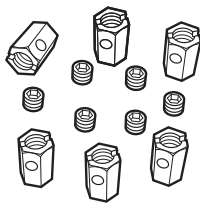
06D CYLINDER HEAD COOLING FAN PACKAGE



	P/N	
06DR	06DR660014	208/230-1-60/1550 RPM
06EY	06ER660011	208/230-1-60/1550 RPM

06D SIGHT GLASS REMOVAL TOOL
PART NO
T-133300B-1
06D TERMINAL LUG SOCKET TOOL
PART NO
P920-0009

CARLYLE SEMI-HERMETIC COMPRESSORS/ACCESSORIES
OPTIONAL ACCESORIES

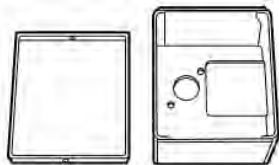


Part No.: 06DA660095

06D TERMINAL BOX KITS

This kit consists of the terminal box and cover plus all screws, washers, and terminals.

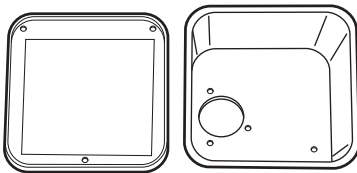
06DA660075 can be used in place of 06DA660078 Terminal Box and Cover Package if overloads are to be used with the compressor. However, it may be necessary to field fabricate a mounting box spacer to allow the 06DA660075 box to mount on the compressor body without interfering with the Compressor Terminal Insulator.



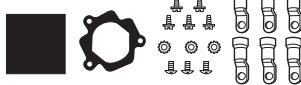
PART NO
06DA660075



The 06DA660078 Terminal Box and Cover Package mounts directly to the Terminal Plate.

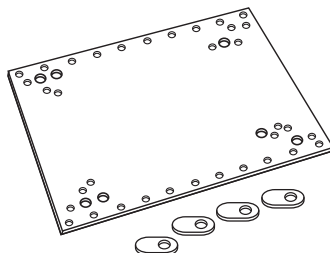


PART NO
06DA660078



06D, 06E COMPRESSOR MOUNTING PLATE KIT

This universal mounting plate kit will accommodate any size 06D or 06E compressor offered by RCD. The kit includes the predrilled mounting plate, spacers and template.



PART NO
06EA660096

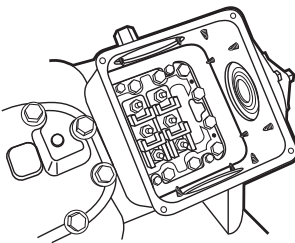
06E TERMINAL LUGS



FITS WIRE SIZE	PART NO.
#8 to #4	HY85TB008
#4 to #1	HY85TB004

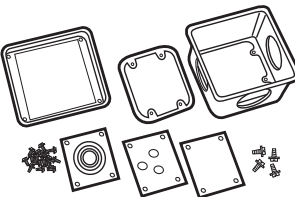
NOTE: For some 200/230 volt across the line installations, the connection of 3 power wires to the compressor may not be possible because the wire diameter may be too large to fit the below listed lugs. In these instances we recommend that 6 motor leads and 6 terminal lugs be used to connect to the compressor terminal plate. The use of 6 leads (instead of 3) allows for a wire sized reduction. Consult the National Electric Code or your local electric code for the appropriate wire sizing information.

06E TERMINAL BOX KITS



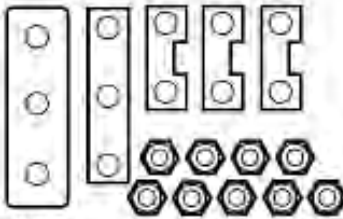
This kit consists of the terminal box, cover, gasket and 3 cover plates (one blank, one with 3 knock-outs, one with concentric knockouts). Screws are included.

Part No.: 06EA660095



06D TERMINAL PLATE KIT

Part No.: 06EA660141



P56

06D Replacement Terminal Plate Kit

Part No.: 06DA660-134

Replacement Gasket Only

Part No.: 6D401061

Compressors, Chillers & Condensers

Compressors,
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Electrical

Heating
Components

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Thermostats

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Chemicals

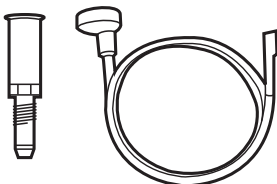
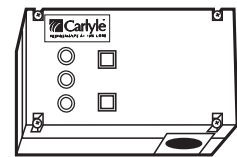
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Instruments

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CARLYLE SEMI-HERMETIC COMPRESSORS/ACCESSORIES OPTIONAL ACCESORIES

06D, 06E ELECTRONIC LUBE OIL CONTROL



PART NO
06DA660115

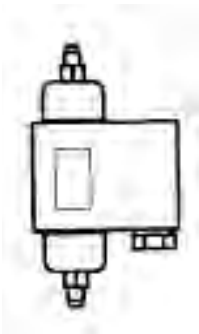
- Solid State
- LED'S continuously display status of the compressor lubrication system.
- When control is connected to 06E bearing head or 6D68-952A (new 06D bearing head) external tubing is eliminated.
- Timing is not cumulative as in controls using a thermal timing circuit. Each time a low oil pressure condition is sensed the time delay will be of full duration.
- Short cycle protection - select either 35, 65 or 100 second time delay periods to prevent rapid cycling (feature can also be bypassed)
- Manual Reset

SPECIAL GASKET FOR TRANSDUCER & BEARING HEAD CONNECTION

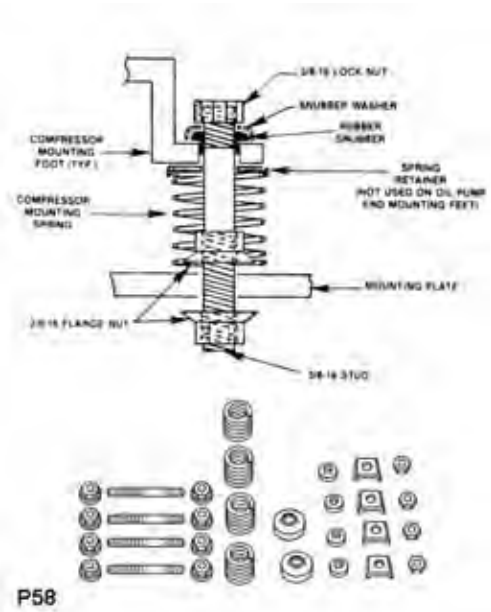
PART NO
06DA680-063

06D, 06E LUBE OIL CONTROL

PART NO
060B2008



06D, 06E SUSPENSION KIT



COMPRESSOR MODEL NO.	SUSPENSION KIT PART NO.	COMPRESSOR MODEL NO.	SUSPENSION KIT PART NO.
06ET150	06EA660089	06DR1096	06DA660058
250		136	06DA660056
265		3166	06DA660056
175		7186	06DA660056
275		8206	06DA660056
299		7246	06DA660057
06EX150	06EA660089	2286	06DA660057
250		3376	06DA660057
166		06DM8086	06DA660058
266		3136	06DA660056
265		3166	06DA660056
175	06EA660089	8186	06DA660056
275		3376	06DA660056
199		5376	06DA660057
299		7246	06DA660057
06EY150	06EA660089	8246	06DA660057
166		06CY016	06DA660057
175		18	06DA660057
099		124	06DA660057
06EZ150	06DA660056 06DA660057	228	06DA660057
266		337	06DA660057
175		550	06EA660089
199		665	06EA660089
06DX8186	06DA660056 06DA660057	675	06EA660089
7246		899	06EA660089
8246			
3286			
3376			
5376			

Compressors, Chillers & Condensers

Compressors,
Chillers, Condensers

Motors

Electrical

Heating
Components

Indoor Air
Quality

Thermostats

Oils &
Chemicals

Accessories, Supplies
& Commodities

Tools &
Instruments

Refrigeration

CARLYLE SEMI-HERMETIC COMPRESSORS/ACCESSORIES OPTIONAL ACCESSORIES

06D COMPRESSOR OVERLOADS

COMPRESSOR SIZE	VOLTAGE	PART NO.	REMARKS
06DR109	208/230-1-60	HN69GZ025 HN69GZ032	Common Start
06DM808 06DR013	208/230-1-60	HN69GZ024 HN69GZ014	Common Start
06DM313 06DM316 06DR316 06DR718	208/230-1-60	HN69GZ106 HN69GZ037	Common Start
06DR109	208/230 460 575	HN69GZ007 HN69GZ015 HN69GZ011	2 Required
06DM808 06DR013	208/230 460 575	HN69GZ053 HN69GZ012 HN69GZ012	2 Required
06DM313 06DM316 06DR316 06DR718	208/230 460 575	HN69GZ024 HN69GZ014 HN69GZ032	2 Required
06DA818 06DR820 06DR724 (25)	208/230 460 575	HN69GZ214 HN69GZ038 HN69GZ037	2 Required
06DA824 (25) 06DR228	208/230 460 575	HN69GZ306 HN69GZ010 HN69GZ053	2 Required
06DA328 06DM337 06DR337	208/230 460 575	HN69GZ309 HN69GZ024 HN69GZ025	3 Required 2 Required 2 Required
06DA537 06DR541	208/230 460 575	HN69GZ214 HN69GZ106 or HN69GZ307 HN69GZ301	4 Required** 2 Required 2 Required

*Based on new High Efficiency (HE) extended voltage compressor models.

**Two overloads in parallel in legs 1 and 3.

NOTE: Most 06D compressors have internal thermostat installed in motor & wired across terminals 8 & 9 at the terminal block. It trips (opens) control circuit at 221°F (105°C) and resets at 181°F (83°C).

Compressors, Chillers & Condensers

SHIPPING PAD INFORMATION

MODEL	SUCTION VALVE BLANK OFF PAD	BOLTS	SUCTION VALVE PAD GASKET	DISCHARGE VALVE BLANK OFF PAD	BOLTS	DISCHARGE VALVE PAD GASKET
06DR						
109	06DA504283*	(2) AA06GR199	6D23-1421	06DA504283*	(2) AA06GR199	6D23-1421
013, 316	06DA504253*	(2) AA06GR202	6D40-1131	06DA504243*	(2) AA06GR202	6D23-1421
718, 820	06DA502573*	(4) AA06GR293	6D68-1131	06DA504243*	(2) AA06GR202	6D23-1421
724, 228, 337	06DA502573*	(4) AA06GR293	6D68-1131	06DA504253*	(2) AA06GR202	6D40-1131
06DM						
808	06DA504283*	(2) AA06GR199	6D23-1421	06DA504283*	(2) AA06GR199	6D23-1421
313, 316, 818	06DA504253*	(2) AA06GR202	6D40-1131	06DA504243*	(2) AA06GR202	6D23-1421
724, 824						
2 BOLT SUC. VAL.	06DA504253*	(2) AA06GR202	6D40-1131	06DA504243*	(2) AA06GR202	6D40-1421
4 BOLT SUC. VAL.	06EA502573*	(4) AA06GR293	6D68-1131	06DA504243*	(2) AA06GR202	6D40-1421
337, 537	06EA502573*	(4) AA06GR293	6D68-1131	06DA504253*	(2) AA06GR202	6D40-1421
06DX						
818	06DA504253*	(2) AA06GR202	6D40-1131	06DA504243*	(2) AA06GR202	6D23-1421
724, 824 W/:						
2 BOLT SUC. VAL.	06DA504253*	(2) AA06GR202	6D40-1131	06DA504243*	(2) AA06GR202	6D40-1131
4 BOLT SUC. VAL.	06EA502273*	(4) AA06GR293	6D68-1131	06DA504243*	(2) AA06GR202	6D40-1131
328, 337, 537	06EA502273*	(4) AA06GR293	6D68-1131	06DA504253*	(2) AA06GR202	6D40-1131
06DS						
313, 818	06DA504253*	(2) AA06GR202	6D40-1131	06DA504243*	(2) AA06GR202	6D23-1421
824	06EA502573*	(4) AA06GR293	6D68-1131	06DA504243*	(2) AA06GR202	6D40-1131
328, 537	06EA502573*	(4) AA06GR293	6D68-1131	06DA504253*	(2) AA06GR202	6D40-1131
06ET						
150, 250	06EA502573*	(4) AA06GR293	6D68-1131	06DA504253*	(2) AA06GR200	6D40-1131
265	06EA502573*	(4) AA06GR293	6D68-1131	06EA502573*	(4) AA06GR200	6D68-1131
175, 275, 199, 299	06EA402653*	(4) AA06GR323	06EA500181	06EA502573*	(4) AA06GR293	6D68-1131
06EX						
150, 250	06EA502573*	(4) AA06GR293	6D68-1131	06DA504253*	(2) AA06GR200	6D40-1131
265	06EA502573*	(4) AA06GR293	6D68-1131	06EA502573*	(4) AA06GR200	6D68-1131
166	06EA502573*	(4) AA06GR293	6D68-1131	06DA504253*	(2) AA06GR200	6D40-1131
175, 275, 199, 299	06EA402653*	(4) AA06GR323	06EA500181	06EA502573*	(4) AA06GR293	6D68-1131
06EY						
150, 165	06EA402653*	(4) AA06GR323	06EA500181	06DA504253*	(2) AA06GR200	6D40-1131
166, 175, 099	06EA402653*	(4) AA06GR323	06EA500181	06EA502573*	(4) AA06GR293	6D68-1131
06EZ						
150, 266	06EA402653*	(4) AA06GR323	06EA500181	06DA504253*	(2) AA06GR200	6D40-1131
175, 199	06EA402653*	(4) AA06GR323	06EA500181	06EA502573*	(4) AA06GR293	6D68-1131

*05GA501762 plug required.

Unloader valve blank off plate: 06DA501032 for both 06D and 06E models.

Compressors,
Chillers, Condensers

Motors

Electrical

Heating
Components

Indoor Air
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Thermostats

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Compressors, Chillers & Condensers

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Heating
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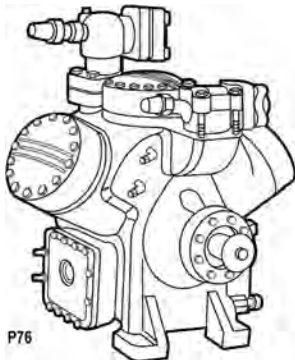
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CARLYLE OPEN DRIVE COMPRESSORS 5F AND 5H OPEN-DRIVE COMPRESSOR APPLICATION DATA



MODEL NO	NOMINAL HORSEPOWER			# OF CYL	BORE (in)	STROKE (in)	CFM @ 1750 RPM	RATINGS IN TONS*			MIN SPEED FOR UN LOADER OPERATION	OIL CHG (Pints)	SUCTION ODF (in)	DISCH LINE ODF (in)	COMP.WT (lb)
	134a	R-22	R-407c					R-22	R-134a	R-407c					
5F20	6	10	8.8	2	2-1/2	2	19.8	8.5	5.2	8.2	600	5	1-1/8	7/8	175
5F30	9	15	13	3	2-1/2	2	29.8	12.7	7.8	12.3	700	5-1/2	1-5/8	1-3/8	215
5F40	11.5	20	17.3	4	2-1/2	2	39.8	16.8	10.5	16.3	800	12	1-5/8	1-3/8	355
5F60	17	25	26	6	2-1/2	2	59.6	25.6	15.7	24.6	900	13	2-1/8	1-5/8	400
5H40	27.5	40	39.5	4	3-1/4	2-3/4	92.4	39.6	24.7	38.4	800	18	2-5/8	2-1/8	610
5H46	35.4	60	51.4	4	3-1/4	3-7/16	115.5	49.1	30.6	47.5	800	18	2-5/8	2-1/8	610
5H60	40.8	60	59	6	3-1/4	2-3/4	138.4	59.4	37.0	57.6	900	21	3-1/8	3-1/8	795
5H66	53	75	76.8	6	3-1/4	3-7/16	173.0	73.8	45.9	71.4	900	21	3-1/8	3-1/8	795
5H80	54.6	75	78.4	8	3-1/4	2-3/4	184.7	79.2	49.5	76.8	1100	41	3-1/8	3-1/8	1115
5H86	70.5	100	102	8	3-1/4	3-7/16	231.0	98.2	61.1	95.3	1100	41	3-1/8	3-1/8	1115
5H120	80.5	125	117.1	12	3-1/4	2-3/4	276.0	119.0	74.0	115.3	900	61	4-1/8	4-1/8	1580
5H126	101.4	150	152.3	12	3-1/4	3-7/16	346.0	149.0	91.8	143.0	900	61	4-1/8	4-1/8	1580

NOTES:

1. *40° F saturated suction, 105° F saturated discharge, 15° F superheat, 0° F subcooling.
2. 45 PSIG net oil pressure (oil pressure PSIG - suction pressure PSIG).
3. ODF = Outside Diameter Female (in.).
4. Maximum RPM = 1750.
5. Minimum RPM for lubrication = 400 RPM.
6. Must use oil cooler on long stroke models: 5H46, 5H66, 5H86, 5H126 (see Accessory page for oil cooler part number)

5F & 5H COMPRESSOR MODELS AVAILABLE

5F COMPRESSOR MODELS	
COMPRESSOR PART NO.	NO. OF UNLOADERS
5F20-S674	0
5F20-A684	1
5F20-S684	1
5F30-A189	0
5F30-S644	0
5F30-A219	2
5F30-S664	2

5F/5H COMPRESSOR MODELS	
COMPRESSOR PART NO.	NO. OF UNLOADERS
5F40-A219	3
5F40-S219	3
5F60-A219	4
	4
5H40-(+)219	3
5H46-(+)219	3

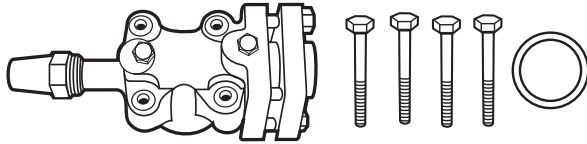
5H COMPRESSOR MODELS	
COMPRESSOR PART NO.	NO. OF UNLOADERS
5H60-(+)219	4
5H66-(+)219	6
5H80-(+)219	6
5H86-(+)219	6
5H120-(+)219	8
5H126-(+)219	8

(+) = May be either "A" (Remanufactured) or "S" (New Manufactured).
For R404a/R507a application data, contact RCD.

Compressors, Chillers & Condensers

CARLYLE OPEN DRIVE COMPRESSORS/ACCESSORIES SERVICE VALVES

5F COMPRESSORS



COMPRESSOR MODEL	SUCTION SERVICE VALVE PART NO.	DISCHARGE SERVICE VALVE PART NO.
5F20-S674	06DA660063	06DA660062
5F20-A684	06DA660063	06DA660062
5F20-S684	06DA660063	06DA660062
5F30-AI89	06EA660090	06DA660065
5F30-S644	06EA660090	06DA660065
5F30-A219	06EA660090	06DA660065
5F30-S664	06EA660090	06DA660065
5F40-A219	06EA660090	06DA660065
5F40-S219	06EA660090	06DA660065
5F60-A219	5F660-002	5F660-001
5F60-S219	5F660-002	5F660-001

5H COMPRESSORS

COMPRESSOR MODEL	SUCTION SERVICE VALVE PART NO.	DISCHARGE SERVICE VALVE PART NO.
5H40-(+)219	5H660-008	5F660-002
5H46-(+)219	5H660-008	5F660-002
5H60-(+)219‡	06LA660010	06LA660010
5H66-(+)219‡	06LA660010	06LA660010**
5H80-(+)219	06LA660010*	06LA660010**
5H86-(+)219	06LA660010*	06LA660010
5H120-(+)219‡	06LA660011	06LA660011
5H126-(+)219‡	06LA660011	06LA660011

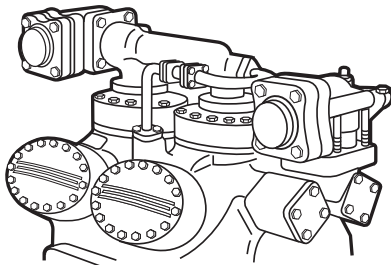
(+) May be either "A" (Remanufactured) or "S" (New Manufactured).

‡ These Models require a suction and a discharge manifold in order to mount the service valve.

* Requires a suction valve adapter (Part No.: 5H660-006).

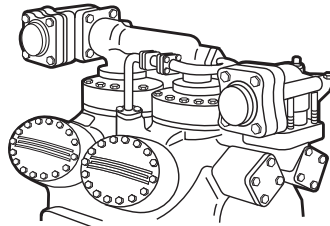
** Requires a discharge valve adapter (Part No.: 5H660-005).

RELIEF VALVE KIT



Compressor Models 5H 120 & 126
Require the addition of a relief valve
and associated piping.

P/N: 5H120-337



The Models listed requires a suction and discharge manifold in order to mount the service valve.

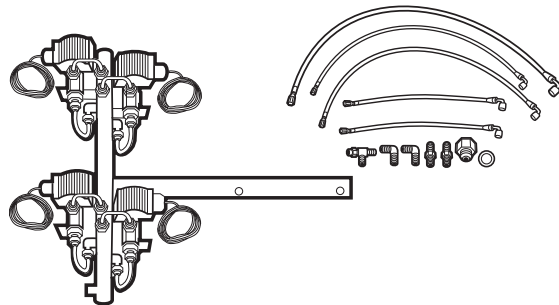
COMPRESSOR MODEL	SUCTION MANIFOLD PART	DISCHARGE MANIFOLD
5F60-A219	5F60-1094	NONE
5H60, 66	5H660-007	5H660-007
5H120, 126	5H660-001	5H660-003

MUFFLERS



COMPRESSOR MODEL	MUFFLER PART NO	LENGTH (in)	CONN. SIZE (in)
5F20	06DA605614	11/1/2004	1-1/8 O.D.F
5F30, 40, 60	05HY500853	13-3/4	1-3/8 O.D.F
5H40, 46, 60, 66	05HY500863	22-5/8	2-5/8 O.D.F
5H80, 86, 120, 126	05HY501013	22-5/8	3-1/8 O.D.F

EXTERNAL UNLOADER CONVERSION KIT



Kit is used to bypass the standard 5 line responds 5F40/5H126 cylinder unloading system that to suction pressure. A field supplied controller is used in conjunction with this kit to control solenoid valves that activate/deactivate cylinder unloaders. External capacity control results in more precise compressor capacity matching to the load.

COMPRESSOR MODEL	PART NO
5F40	5F40-4FI-A
5F60	5F60-4FI-A
5H40, 46	5H40-4FI-A
5H60, 66, 80, 86	5H60-4FI-A
5H120, 126	5H120-4FI-A

5F Kits contain hand hole cover.

5H Kits contain blankoff plates.

120 Volt solenoid coils.

Compressors,
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Heating
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Indoor Air
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Chemicals

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& Commodities

Tools &
Instruments

Refrigeration

Compressors, Chillers & Condensers

Compressors,
Chillers, Condensers

Motors

Electrical

Heating
Components

Indoor Air
Quality

Thermostats

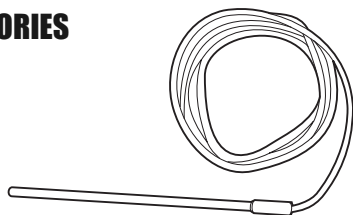
Oils &
Chemicals

Accessories, Supplies
& Commodities

Tools &
Instruments

Refrigeration

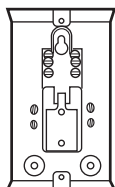
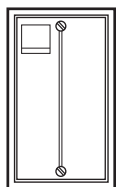
CARLYLE OPEN DRIVE COMPRESSORS/ACCESSORIES CRANKCASE HEATERS



COMPRESSOR MODEL	PART NO	WATT S	VOLT S	LEAD LENGTH (IN.)	SHEATH LENGTH (IN.)
5F20, 30, 40, 60	HT31AZ120	100	120	48	7
5F20, 30, 40, 60	H731AZ240	100	240	48	7
5H40, 46, 60, 66, 80*, 86*, 120*, 126*	HT31AZ121	200	120	63	7
5H40, 46, 60, 66, 80*, 16*, 120*, 126*	HT31AZ241	200	240	63	7

*These Models Require Two Heaters.

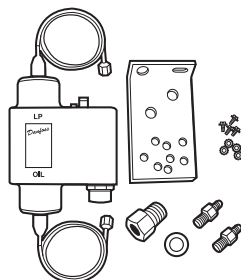
CRANKCASE HEATER RELAYS



PART NO	COIL VOLTS
HN61AJ101	120
HN61AJ108	240

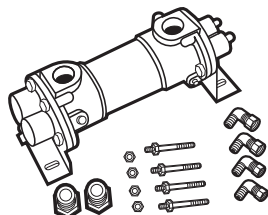
The Crankcase Heater Relay is used to energize the Heater when the compressor is not in operation. The Crankcase Heater Relay is not required when using 32 Series control panels.

OIL SAFETY SWITCH



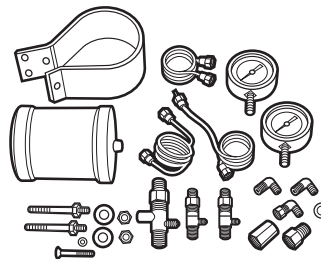
PART NO	PRESSURE DIFFERENTIAL CUT						
KIT	CONTROL ONLY	TIME DELAY	CONNECTION	IN	OUT	VOLTS	RESET
5F20-212	P529-4120	45 Sec- onds	36" Lg. Cap w/1/4" Fl. Nuts	15-20 psi	11-15 psi	115/230	Manual

OIL COOLER PACKAGE



COMPRESSOR MODEL USED ON	PART NO
All 5F	5F20-B103
5H40, 46, 60, 66, 80, 86	5H40-B283
5H120, 126	5H120-B283

OIL FILTER PACKAGE



Package Includes:
(1) partial flow oil filter with fittings, (2) angle valves, tubing and (2) oil pressure gauges. All 5H120, 126 are supplied standard with a full flow oil filter.

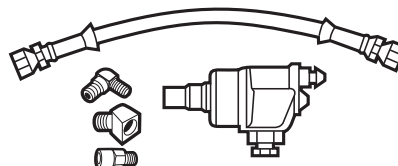
Use on: 5H40, 46, 60, 66, 80, 86 compressor models

P/N: 5H40-A274

OIL FILTER ONLY . . . P/N: 05HG660020

CAPACITY CONTROL VALVE PACKAGE

For use on 5F20,30 compressors.

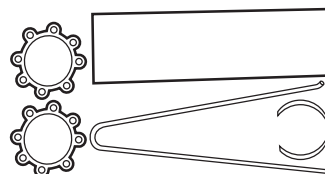


COMPRESSOR MODEL	PART NO	REFRIGERANT USAGE
5F20, 30	5F20-752	R-12
5F20, 30	5F20-A752	R-22, R-502

FELT FILTER KIT

Felt Filters are installed in the compressor's suction strainer as a temporary clean up medium.

NOTE: Filter Kit is included with service compressors.



COMPRESSOR MODEL	KIT	FILTER ONLY	FILTERS REQUIRED PER COMP
5F40, 46	5F40-A352	5F40-3792	1
5F60, 66	5F60-A352	5F60-3792	2
5H40, 46	5H40-A382	5H40-4032	1
5H60, 66	5H60-A382	5H60-4032	2
5H80, 86	5H80-A382	5H80-4032	1
5H120, 126	5H120-A382	5H120-4552	2

DOWEL PIN

P/N: AX35AA238

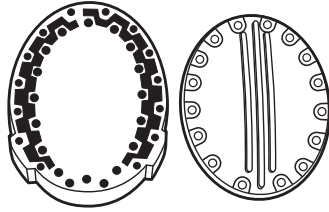


Tapered dowel pin (no. 6 x 2-3/4" long) is used to maintain alignment and to ensure exact compressor/ motor repositioning after service. Two Pins are required for both motor and compressor. (Pins for motor are included in motor fastening package.)

Compressors, Chillers & Condensers

CARLYLE OPEN DRIVE COMPRESSORS/ACCESSORIES

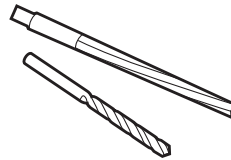
WATER-COOLED HEAD PACKAGE 5H COMPRESSORS



Water Cooled Heads are required for compressors used on low temp R-22 applications. See Compressor Ratings on pages 4 & 5 for application ranges. The water cooled head packages listed contain the necessary heads, covers, gaskets, and fittings to convert standard 5F/H compressors to water cooled heads.

COMPRESSOR MODEL	PART NO
5H40, 46	5H40-507
5H60, 66	5H60-507
5H80, 86	5H80-507
5H120, 126	5H120-507
5F20	5F20-172
5F30	5F30-172
5F40	5F40-172
5F60	5F60-172

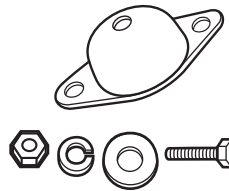
DRILL & REAMER KIT



Drill and reamer kit includes a 9/32 in. drill bit and a no.6 taper reamer to facilitate installation of the no.6 tapered dowel pin.

P/N: 5H40680004

VIBRATION ISOLATORS



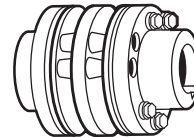
VIBRATION ISOLATORS limit the transfer of vibration. They are attached underneath the surface to which the compressor is mounted. Four isolators are supplied in each package. One for each corner of the unit. Associated hardware is also included. Select proper size isolator by dividing total unit weight by 4.

PART NO	ISOLATOR LOADING LBS/ISOLATOR
5F20-623	90 to 150
5F30-623	150 to 210
5F60-633	210 to 290
5F60-663	290 to 390
5H40-653	350 to 450
5H60-673	450 to 650
5H80-673	650 to 950
5H120-467	950 to 1250
5H120-527	1250 to 1550

FLEXIBLE STEEL COUPLINGS FOR DIRECT DRIVE UNITS

NOTE: A Dial Indicator must be used to properly align the compressor and motor shafts for reliable operation.

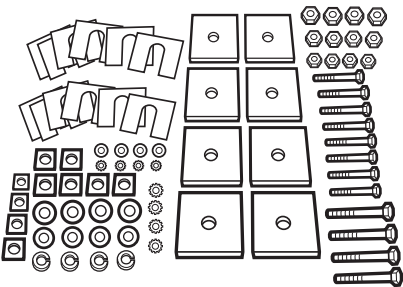
When 5H126-623 coupling is used with a 404T or 405T frame motor, field boring is required. Enlarge motor bore to 2.875/2.875 in. diameter. Increase Keyway size to 3/4 x 3/8 in.



COMPRESSOR MODEL	PART NO	H P	FRAME SIZE	SHAFT DIA (in)	MAXIMUM COUPLING HP RATING	WT (lbs)
5F20, 30	5F20-847	7-1/2, 10	213T, 215T	1.375	11.5	10
5F20, 30	5F30-847	15	254T	1.625	17.5	10
5F40, 60	5F40-603	7-1/2, 10	213T, 215T	1.375	17.5	15
5F40, 60	5F40-623	15	254T	1.625	17.5	15
5F40, 60	5F60-623	20	256T	1.625	30	21
5F40, 60	5F60-613	25, 30	284T, 286T	1.875	34.5	21
5H40, 46	5H40-613	20	256T	1.625	34.5	21
5H40, 46	5H60-613	25, 30	284T, 286T	1.875	65	24
5H40, 46	5H60-613	40, 50, 60	324TS, 326TS, 364TS	1.875	65	24
5H40, 46	5H60-623	40, 50	324T, 326T	2.125	65	24
5H40, 46	5H80-613	60	364T	2.375	86	30
5H60, 66	5H60-613	30	286T	1.875	65	24
5H60, 66	5H60-613	40, 50, 60	324TS, 326TS, 364TS	1.875	65	24
5H60, 66	5H60-623	40, 50	324T, 326T	2.125	65	24
5H60, 66	5H80-613	60, 75	364T, 365T	2.375	86	30
5H60, 66	5H80-663	75	365TS	1.875	86	30
5H60, 66	5H120-623	100	404TS	2.125	150	35
5H80, 86	5H60-613	40, 50, 60	324TS, 326TS, 364TS	1.875	65	24
5H80, 86	5H60-623	40, 50	324T, 326T	2.125	65	24
5H80, 86	5H80-613	60, 75	364T, 365T	2.375	86	30
5H80, 86	5H80-663	75	365TS	1.875	86	30
5H80, 86	5H120-623	100	404TS, 405TS	2.125	150	35
5H120, 126	5H60-613	60	364TS	1.875	65	24
5H120, 126	5H80-613	60, 75	364T, 365T	2.375	86	30
5H120, 126	5H80-663	75	365TS	1.875	86	30
5H120, 126	5H120-623	100, 125	404TS, 405TS	2.125	150	35
5H120, 126	5H126-623 *	100, 125	404T, 405T	2.875	200	40
5H120, 126	5H126-623 *	150, 200	444TS, 445TS	2.375	200	40

CARLYLE OPEN DRIVE
COMPRESSORS/ACCESSORIES

MOTOR FASTENING KITS FOR DIRECT DRIVE APPLICATIONS

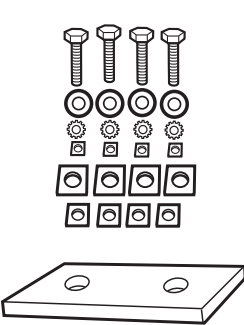


Motor Fastening Kit includes steel blocks and shims to align motor shaft to compressor shaft, hardware to attach motor to base and tapered dowel pins to pin motor to base and lock in alignment. Not enough memory to convert the items on the clipboard.

MODEL	SHAFT HT (in)	H P	FRAME SIZE	SHAFT HT (in)	PART NO
5F20, 30	6-1/4	7-1/2, 10	213T, 215T	5/1/2004	5F40-401
5F20, 30	6-1/4	7-1/2, 10	213T, 215T	6/1/2004	5F40-801
5F20, 30	6-1/4	15	254T	5/1/2004	5F40-801
5F40, 60	8	7-1/2, 10	213T, 215T	6/1/2004	5F40-801
5F40, 60	8	15, 20	254T, 256T	7	5F40-401
5F40, 60	8	25, 30	284T, 286T	6/1/2004	5F40-401
5H40, 46	9	20	256T	7	5F40-801
5H40, 46	9	25, 30	284T, 286T	8	5H40-401
5H40, 46	9	40, 50	324, 326 T/Ts	9	5F40-401
5H40, 46	9	60, 75	364, 365 T/TS	7	5F60-401
5H60, 66	9	30	286T	8	5H40-401
5H60, 66	9	40, 50	324, 326 T/TS	9	5F40-401
5H60, 66	9	60, 75	364, 365 T/TS	10	5F60-401
5H60, 66	9	100	404 T/TS	8	5F60-401
5H80, 86	9	40, 50	324, 326 T/TS	9	5F40-401
5H80, 86	9	60, 75	364, 365 T/TS	10	5F60-401
5H80, 86	9	100, 125	404, 405 T/TS	9	5F60-401
5H120, 126	11	60, 75	364, 365 T/TS	10	5H40-401
5H120, 126	11	100, 125	404, 405 T/TS	11	5F40-401
5H120, 126	11	150, 200	444, 445 TS		5F60-401

NOTE: Motor Fastening kit approximate shipping weight is 42 lbs.

MOTOR FASTENING KIT FOR BELT DRIVE APPLICATIONS



Motor Fastening Kit attaches motor to base. Kit includes: bolts, nuts and washers.

COMPRESSOR MODEL	PART NO	SIZE	FRAME SIZE
5F20, 30	5F20-821	5, 7-1/2, 10	184T, 213T, 215T
5F30	5F30-821	15	254T
5F40, 60	5F20-821	7-1/2, 10, 15, 20, 25	213T, 215T, 254T, 256T, 284T
5H40	5F30-821	20, 25, 30, 40, 50	256T, 284T, 286T, 324T, 326T
5H60	5F30-821	40, 50	324T, 326T
5H60	5H40-711	40, 50, 60, 75	324T, 326T, 364T, 365T
5H80, 120	5H40-711	40, 50, 60, 75, 100, 125, 150	324T, 326T, 364T, 365T, 404T, 405T, 444T

Compressor Mounting Block is used when a 5H66, 80, 86 is matched to a 100 Hp motor, or when a 5H86 is matched to a 125 Hp motor. The block raises compressor to allow alignment between compressor and motor shaft. Two blocks are required per compressor.

P/N: 5H40-1422

Compressors, Chillers & Condensers

CARLYLE OPEN DRIVE COMPRESSORS/ACCESSORIES

CONTROL PANELS

Control panels are designed for indoor use to control compressor and condensing units from 5 thru 150 Hp, in 208 to 575 volts, across-the-line starting applications. All units operate on 120 volt control circuit. Control panel easily mounts on one end of the unit base. Simple conversion to part-winding starting on 2 contactor models by adding time delay Part No. HN67ZA001. Single contactor panels require the addition of another contactor of the same size and time delay Part No. HN67ZA001.

Single overload panels: overload dial is set at a value equal to NEC motor full load current rating and will trip at 125% of this rating. If tripping is required at 115% of NEC motor full load current rating, set the overload dial to value 0.92 times F.L.C. value. Two overload panels: Each overload dial is set at a value equal to one half of NEC motor full load current rating and will trip at 125% of the setpoint. If tripping is required at 115% of NEC motor full load current rating, set each overload dial to value of 0.92 times one half of F.L.C. value.

FEATURES:

ETL APPROVED

OIL PRESSURE SAFETY SWITCH protects compressor against damage from low oil pressure.

TIME GUARD circuit protects compressor and motor against short cycling.

OVERLOAD RELAY* manual reset.

SUCTION, DISCHARGE, OIL PRESSURE

GAUGES display operating conditions.

GAUGE SHUTOFF VALVES

CAPILLARIES supplied for pressure gauges and switches.

CONTACTORS

TERMINAL BLOCKS for field connections.

GROUNDING LUG

CRANKCASE HEATER RELAY energizes heater on compressor shutdown to prevent dilution of oil by refrigerant.

PUMPOUT RELAY safeguards compressor against liquid refrigerant slugging on start-up.

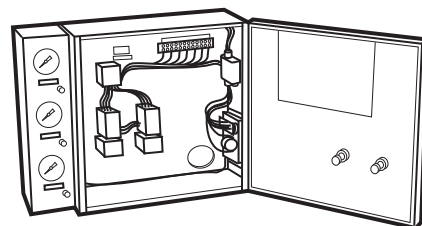
ELAPSED RUNNING TIME METER

WIRE ASSEMBLIES provided in conduit are used to connect panel box and external controls to a junction box (provided).

FUSE, ON-OFF SWITCH, NEMA ENCLOSURE

HINGED COVER

HEAVY DUTY PANEL MOUNTING BASE is provided. Can be welded to compressor base or attached with supplied hardware.



From the National Electrical Code based on motor horsepower and voltage.

†AC3 rating is an IEC (International Electrical Code) rating per U.L. standards.

The contactors supplied with the panels are not definite purpose contactors.

They are specific to motor switching circuits.

NOTE: The information presented in the table on the previous page is for the current control panels offered through RCD.

COMPRESSOR TO DRIVE MOTOR COMBINATIONS

5F COMPRESSOR/MOTOR COMBINATIONS

Motor selection is based on compressor rating charts.

5F COMPRESSOR/MOTOR COMBINATIONS

COMPRESSOR MODEL	MOTOR H.P. RATING
5F20	5,7.5,10
5F30	7.5,10,15
5F40	7.5,10,15,20,25
5F60	10,15,20,25,30

NOTE: Extended stroke compressors (5H46,66,86,126) should not be applied on belt drive applications.

5H COMPRESSOR/MOTOR COMBINATIONS

COMPRESSOR MODEL	MOTOR H.P. RATING
5H40	20,25,30,40,50
5H46*	25,30,35,40,50,60
5H60	30,40,50,60,75
5H66*	40,50,60,75,100
5H80	40,50,60,75,100
5H86*	50,60,75,100,125
5H120*	60,75,100,125,150
5H126*	75,100,125,150,200

Compressors,
Chillers, Condensers

Motors

Electrical

Heating
Components

Indoor Air
Quality

Thermostats

Oils &
Chemicals

Accessories, Supplies
& Commodities

Tools &
Instruments

Refrigeration

Compressors, Chillers & Condensers

CARLYLE OPEN DRIVE COMPRESSORS/ACCESSORIES CONTROL PANELS

CONTROL PANEL	HP	MOTOR		CONTACTOR		OVERLOAD		LUG WIRE RANGE (AWG)	APPROX SHIP WT (lbs)
		NEC Amps (FLA)*	Volts	Rating (AC3)†	Qty	Amp Range	Qty		
32CF131A4	5	17.5	208	28	1	13-19	1	12-8	115
32CF131A5	5	15.2	230	17	1	13-19	1	18-10	115
32CF131A6	5	7.6	460	9	1	6-8.5	1	18-10	115
32CF131A1	5	6.1	575	9	1	4.5-6.5	1	18-10	115
32CF132B4	7.5	25	208	28	1	24-32	1	12-8	115
32CF132B5	7.5	22	230	28	1	18-25	1	12-8	115
32CF131B6	7.5	11	460	11	1	14-Oct	1	18-10	115
32CF131B1	7.5	9	575	9	1	7.5-11	1	18-10	115
32CF142C4	10	32	208	32	1	29-42	1	8-4	115
32CF142C5	10	28	230	32	1	24-32	1	8-4	115
32CF131C6	10	14	460	17	1	13-19	1	18-10	115
32CF131C1	10	11	575	11	1	14-Oct	1	18-10	115
32CF153D4	15	48	208	54	1	36-52	1	8-1	115
32CF153D5	15	42	230	41	1	36-52	1	8-1	115
32CF132D6	15	21	460	28	1	18-25	1	12-8	115
32CF131D1	15	17	575	17	1	13-19	1	18-10	115
32CF242E4	20	62	208	65	1	45-63	1	8-1	115
32CF242E5	20	54	230	54	1	45-63	1	8-1	115
32CF142E6	20	27	460	32	1	24-32	1	8-4	115
32CF142E1	20	22	575	28	1	18-25	1	12-8	115
32CF243F4	25	78	208	80	1	60-80	1	8-1	130
32CF242F5	25	68	230	80	1	60-80	1	8-1	130
32CF152F6	25	34	460	41	1	29-42	1	8-4	115
32CF152F1	25	27	575	28	1	24-32	1	12-8	115
32CF253G4	30	92	208	95	1	80-110	1	6-2/0	130
32CF243G5	30	80	230	80	1	60-80	1	8-1	130
32CF231G6	30	40	460	41	1	29-42	1	8-4	115
32CF141G1	30	32	575	32	1	29-42	1	8-4	115
32CF263H4	40	120	208	130	1	100-135	1	8-3/0	130
32CF263H5	40	104	230	110	1	80-110	1	6-2/0	130
32CF242H6	40	52	460	54	1	45-63	1	8-1	115
32CF241H1	40	41	575	41	1	29-42	1	8-4	115
32CG273J4	50	150	208	156	1	130-175	1	8-250MCM	130
32CG273J5	50	130	230	130	1	100-135	1	8-3/0	130
32CF242J6	50	65	460	65	1	60-80	1	8-1	130
32CF242J1	50	52	575	54	1	45-63	1	8-1	115
32CH295K4	60	177	208	192	1	150-200	1	6-250MCM	130
32CH295K5	60	154	230	156	1	130-175	1	8-250MCM	130
32CF253K6	60	77	460	80	1	60-80	1	8-1	130
32CF252K1	60	62	575	65	1	60-80	1	8-1	130
32CH205L4	75	221	208	242	1	220-310	1	4-500MCM	130
32CH205L5	75	192	230	192	1	150-200	1	6-250MCM	130
32CF263L6	75	96	460	11	1	80-110	1	6-2/0	130
32CF263L1	75	77	575	95	1	80-110	1	6-2/0	130
32CI216M4	100	285	208	156	2	110-150	2	6-350MCM	130
32CI216M5	100	248	230	130	2	100-135	2	6-350MCM	130
32CH274M6	100	124	460	130	1	100-135	1	8-3/0	130
32CF273M1	100	99	575	110	1	80-110	1	6-2/0	130
32CI227N4	125	358	208	192	2	150-200	2	6-350MCM	130
32CI227N5	125	312	230	156	2	130-175	2	6-350MCM	130
32CI205N6	125	156	460	156	1	130-175	1	8-250MCM	130
32CI225N1	125	125	575	130	1	100-135	1	8-3/0	130
32CJ217P4	150	415	208	242	2	165-235	2	2-600MCM	130
32CJ227P5	150	360	230	192	2	150-200	2	6-350MCM	130
32CJ205P6	150	180	460	192	1	150-200	1	6-250MCM	130
32CJ284P1	150	144	575	156	1	110-150	1	8-250MCM	130
32CJ218Q4	200	550	208	302	2	220-310	2	2-600MCM	130
32CJ218Q5	200	480	230	242	2	220-310	2	2-600MCM	130
32CJ216Q6	200	240	460	242	1	220-310	1	4-500MCM	130
32CJ205Q1	200	192	575	192	1	150-200	1	6-250MCM	130

Compressors, Chillers & Condensers

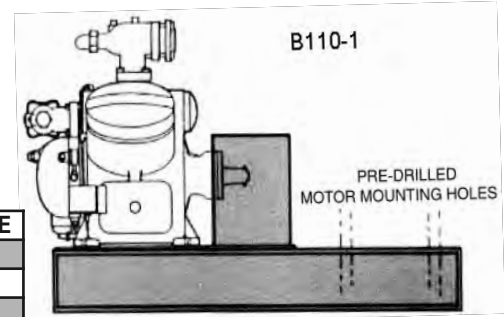
CARLYLE OPEN DRIVE COMPRESSORS/ACCESSORIES DIRECT DRIVE UNIT BASES

- Heavy duty channelled steel base
- Coupling guard included
- Motor and compressor mounting holes are predrilled.

Select motor drilling code from the chart below:

MOTOR DRILLING CODE CHART

CODE	H. P.	FRAME	CODE	H.P.	FRAME	CODE	H. P.	FRAME
A	5	184T	F	25	284T	L	75	365T
B	7.5	213T	G	30	286T	M	100	404T
C	10	215T	H	40	324T	N	125	405T
D	15	254T	J	50	326T	O	150	444TS
E	20	256T	K	60	364T	P	200	445TS



COMPRESSOR USED WITH	MOTOR DRILLING SELECTION	BASE SIZE (L x W x H)	APPROX BASE WEIGHT	DIRECT DRIVE UNIT BASE PART NO
5F20	A,B,C	37 x 16 x 11	200	5F20-515(*)
5F30	B,C,D	37 x 16 x 11	200	5F20-515(*)
5F40	B,C,D,E,F	48 x 22 x 6	250	5F40-398(*)
5F60	C,D,E,F,G	48 x 22 x 6	250	5F40-398(*)
5H40	E,F,G,H,J	56 x 25 x 8	400	5H40-588(*)
5H46	F,G,H,J,K	56 x 25 x 8	400	5H40-588(*)
5H60	G,H,J,K,L	56 x 25 x 8	400	5H40-588(*)
5H66	H,J,K,L,M†	56 x 25 x 8	400	5H40-588(*)
5H80	H,J,K,L,M	75 x 32 x 10	800	5H80-588(*)
5H86	J,K,Mt,Nt	75 x 32 x 10	800	5H80-588(*)
5H120	K,L,M,N,O	75 x 32 x 10	800	5H80-588(*)
5H126	L,M,N,O,P	75 x 32 x 10	800	5H80-588(*)

(*)Select motor drilling from chart above to complete part number. For example, when 5F20-515A is selected the base will be drilled to accept a 5 H.P., 184T frame motor. †5H66, 80, 86 with 100 H.P. motor and 5H86 with 125 H.P. motor require (2) 5H40-1422 compressor blocks.

NOTE: For base drilling code selections "H" thru "N", an "S" placed at the end of the part number indicates a base drilling for a short shaft Motor/TS frame.

(For example, Part No. 5H40-588HS is a 5H40-588 base drilled to accept a 324TS frame motor.)

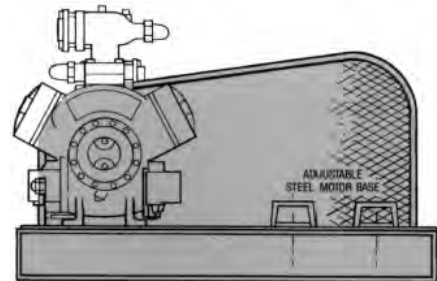
BELT DRIVE UNIT BASES

- Heavy duty channelled steel base
- Belt guard included.
- Compressor mounting holes are predrilled.
- An adjustable steel motor base facilitates motor positioning.

Select adjustable motor base from the chart below:

ADJUSTABLE MOTOR BASE CODE CHART

CODE	H. P.	FRAME	CODE	H. P.	FRAME	CODE	H.P.	FRAME
A	5	184T	F	25	284T	L	75	365T
B	7.5	213T	G	30	286T	M	100	404T
C	10	215T	H	40	324T	N	125	405T
D	15	254T	J	50	326T			
E	20	256T	K	60	364T			



B111-1

COMPRESSOR USED WITH	ADJUSTABLE MOTOR BASE	BASE SIZE (L x W x H)	APPROX BASE WEIGHT	BELT DRIVE UNIT BASE PART NO
5F20	A, B,C	37 x 16 x 11	150	5F20-238(*)
5F30	B,C, D	37 x 16 x 11	150	5F20-238(*)
5F40	B,C,D,E,F	48 x 22 x 6	250	5F40-408(*)
5F60	C,D,E,F,G	48 x 22 x 6	250	5F40-408(*)
5H40	E,F,G,H,J	56 x 25 x 8	440	5H40-598(*)
5H60	G,H,J,K,L	56 x 25 x 8	440	5H40-598(*)
5H80	H,J,K,L,M	75 x 32 x 10	625	5H60-974(*)
5H120	K,L,M,N	75 x 32 x 10	625	5H60-974(*)

(*)Select adjustable base code from chart above to complete part number.

For example, when 5F20-238A is selected the adjustable motor base will accept a 5 H.P., 184T frame motor.

Compressors, Chillers & Condensers

Compressors,
Chillers, Condensers

Motors

Electrical

Heating
Components

Indoor Air
Quality

Thermostats

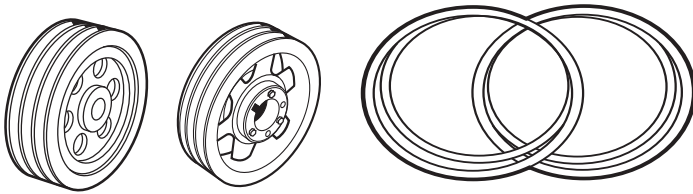
Oils &
Chemicals

Accessories, Supplies
& Commodities

Tools &
Instruments

Refrigeration

CARLYLE OPEN DRIVE COMPRESSORS/ACCESSORIES FLYWHEEL, PULLEY, BELTS



MOTOR						FLYWHEEL			PULLEY			BELTS		
COMPRESSOR MODEL	H. P.	FRAME SIZE	SHAFT DIA. (in.)	COMPRESSOR RPM	CENTER TO CENTER (in.)	P/N	PD	NO. OF GROOVES & TYPE	P/N	PD	NO. OF GROOVES & TYPE	P/N	PL	NO. OF BELTS
5F20	5	184T	1/1/2008	1750	19.3	5F20-394	7.5	2-B	5F20-861	7.4	2-B	5F20-851	61.8	2-B
5F20	7.5	213T	1/3/2008	1750	19.3	5F20-394	7.5	2-B	5F20-891	7.4	2-B	5F20-851	61.8	2-B
5F20	10	215T	1/3/2008	1750	19.3	5F20-394	7.5	2-B	5F20-891	7.4	2-B	5F20-851	61.8	2-B
5F30	7.5	213T	1/1/2008	1750	19.3	5F20-394	7.5	2-B	5F20-891	7.4	2-B	5F20-851	61.8	2-B
5F30	10	215T	1/3/2008	1750	19.3	5F20-394	7.5	2-B	5F20-891	7.4	2-B	5F20-851	61.8	2-B
5F30	15	254T	1/5/2008	1750	19.3	5F30-394	7.5	3-B	5F30-921	7.4	3-B	5F30-831	61.8	3-B
5F40	7.5	213T	1/5/2008	1750	26.6	5F40-394	9.5	3-B	5F30-881	9.4	3-B	5F40-841	82.8	3-B
5F40	10	215T	1/3/2008	1750	26.6	5F40-394	9.5	3-B	5F30-881	9.4	3-B	5F40-841	82.8	3-B
5F40	15	254T	1/5/2008	1750	26.6	5F40-394	9.5	3-B	5F40-871	9.4	3-B	5F40-841	82.8	3-B
5F40	20	256T	1/5/2008	1750	26.6	5F40-394	9.5	3-B	5F40-871	9.4	3-B	5F40-841	82.8	3-B
5F40	25	284T	1/7/2008	1750	26.6	5F40-394	9.5	3-B	5F40-881	9.4	3-B	5F40-841	82.8	3-B
5F60	10	215T	1/3/2008	1750	26.6	5F40-394	9.5	3-B	5F30-881	9.4	3-B	5F40-841	82.8	3-B
5F60	15	254T	1/5/2008	1750	26.6	5F40-394	9.5	3-B	5F40-871	9.4	3-B	5F40-841	82.8	3-B
5F60	20	256T	1/5/2008	1750	26.6	5F40-394	9.5	3-B	5F40-871	9.4	3-B	5F40-841	82.8	3-B
5F60	25	284T	1/7/2008	1750	26.6	5F40-394	9.5	3-B	5F40-881	9.4	3-B	5F40-841	82.8	3-B
5F60	30	286T	1/7/2008	1750	26.6	5F40-394	9.5	3-B	5F40-881	9.4	3-B	5F40-841	82.8	3-B
5H40	20	256T	1/5/2008	1750	32.2	5H40-394	11	3-C	5H40-811	11	3-C	5H40-861	92.9	3-C
5H40	25	284T	1/7/2008	1750	32.2	5H40-394	11	3-C	5H80-811	11	3-C	5H40-861	98.9	3-C
5H40	30	286T	1/7/2008	1750	32.2	5H40-394	11	3-C	5H80-811	11	3-C	5H40-861	98.9	3-C
5H40	40	324T	2/1/2008	1750	32.2	5H40-394	11	3-C	5H40-821	11	3-C	5H40-861	98.9	3-C
5H40	50	326T	2/1/2008	1750	32.2	5H40-394	11	3-C	5H40-821	11	3-C	5H40-861	98.9	3-C
5H60	30	286T	1/7/2008	1750	32.2	5H40-394	11	3-C	5H80-811	11	3-C	5H40-861	98.9	3-C
5H60	40	324T	2/1/2008	1750	32.2	5H40-394	11	3-C	5H40-821	11	3-C	5H40-861	98.9	3-C
5H60	50	326T	2/1/2008	1750	32.2	5H60-394	11	5-C	5H80-821	11	5-C	5H120-861	98.9	5-C
5H60	60	364T	2/3/2008	1750	32.2	5H60-394	11	5-C	5H120-821	11	5-C	5H120-861	98.9	5-C
5H60	75	365T	2/3/2008	1750	32.2	5H40-394	11	5-C	5H120-821	11	5-C	5H120-861	98.9	5-C
5H80	40	324T	2/1/2008	1750	36.7	5H60-394	11	5-C	5H80-821	11	5-C	5H40-871	107.9	5-C
5H80	50	326T	2/1/2008	1750	36.7	5H60-394	11	5-C	5H80-821	11	5-C	5H40-871	107.9	5-C
5H80	60	364T	2/3/2008	1750	36.7	5H60-394	11	5-C	5H120-821	11	5-C	5H40-871	107.9	5-C
5H80	75	365T	2/3/2008	1750	36.7	5H60-394	11	5-C	5H120-821	11	5-C	5H40-871	107.9	5-C
5H80	100	404T	2/7/2008	1750	36.7	5H120-394	11	9-C	5H120-831	11	9-C	5H120-871	107.9	9-C
5H120	60	364T	2/3/2008	1750	36.7	5H60-394	11	5-C	5H120-821	11	5-C	5H40-871	107.9	5-C
5H120	75	365T	2/3/2008	1750	36.7	5H60-394	11	5-C	5H120-821	11	5-C	5H40-871	107.9	5-C
5H120	100	404T	2/7/2008	1750	36.7	5H120-394	11	9-C	5H120-831	11	9-C	5H120-871	107.9	9-C
5H120	125	405T	2/7/2008	1750	36.7	5H120-394	11	9-C	5H120-831	11	9-C	5H120-871	107.9	9-C

PD - Pitch Diameter (in.)
PL - Pitch Length (in.)

Compressors, Chillers & Condensers

COMPRESSOR CROSS REFERENCE

BRAND	MODEL #	HP	NOTES	CARLYLE MODEL	BRAND	MODEL #	HP	NOTES	CARLYLE MODEL
Bristol	H2NG124	-	Hermetic	06DM824	Copeland	3DF3-0900	9	R-12 Med. Temp.	06DM/DR337
Bristol	H2NG144	-	Hermetic	06DX328	Copeland	3DF3-0900	9	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06DR337
Bristol	H2NG184	-	Hermetic	06DX537	Copeland	3DS3-1000	10	R-12 Med. Temp.	06DM/DR337
Bristol	H2NG244	-	Hermetic	06ET250	Copeland	3DS3-1000	10	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06DR337
Chrysler	2000-00	100	Open Drive	5H120	Copeland	3DS3-1500	15	R-502 Med. Temp.	06DM337
Chrysler	2020-00	20	Open Drive	5F60	Copeland	3DS3-1500	15	R-22 A/C Duty	06DM337
Chrysler	2025-00	25	Open Drive	5F60	Copeland	3RAI-0310	3	R-502 Med. Temp.	06DM313
Chrysler	2030-00	30	Open Drive	5H40	Copeland	3RAI-0310	3	R-22 A/C Duty	06DM313
Chrysler	2040-00	40	Open Drive	5H46	Copeland	3RK2-0310	3	R-12 Med. Temp.	06DR013
Chrysler	2050-00	50	Open Drive	5H60	Copeland	4DAI-1000	10	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06EY150
Chrysler	2060-00	60	Open Drive	5H66	Copeland	4DAI-1000	10	R-12 Med. Temp.	06EY/EZ150
Chrysler	2075-00	75	Open Drive	5H80	Copeland	4DAI-2000	20	R-502 Med. Temp.	06EZ150
Chrysler	3000-01	100	Semi-Hermetic	06LH228	Copeland	4DH1-2000	20	R-502 Med. Temp.	06EZ150
Chrysler	3004-01	4	Hermetic	06DM313	Copeland	4DH1-1500	15	R-12 Med. Temp.	06EY/EZ150
Chrysler	3005-01	5	Hermetic	06DM316	Copeland	4DH1-2500	25	R-22 A/C Duty	06ET250
Chrysler	3009-04	9	Hermetic	06DX328	Copeland	4DH1-2500	25	R-502 Med. Temp.	06ET265
Chrysler	3011-1	11	Hermetic	06DX328	Copeland	4DJ1-2000	20	R-12 Med. Temp.	06EY165
Chrysler	3013-01P	13	Hermetic	06DX328	Copeland	4DJ1-3000	30	R-22 A/C Duty	06ET265
Chrysler	3013-02	13	Hermetic	06DX328	Copeland	4DJ1-3000	30	R-502 Med. Temp.	06ET265
Chrysler	3015-1	15	Semi-Hermetic	06DX537	Copeland	4DL1-1500	15	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06EY150
Chrysler	3015-11	15	Semi-Hermetic	06DX537	Copeland	4DR1-3000	30	R-22 A/C Duty	06ET265
Chrysler	3019-OOR	19	Hermetic	06E()250	Copeland	4DT1-2200	22	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06EY165
Chrysler	3019-01A	19	Hermetic	06E()250	Copeland	4RA3-1000	10	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06DR337
Chrysler	3019-02	19	Hermetic	06E()250	Copeland	4RA3-1000	10	R-12 Med. Temp.	06DM337
Chrysler	3019-02R	19	Hermetic	06E()250	Copeland	4RA3-2000	20	R-22 A/C Duty	06ET250
Chrysler	3019-02Z	19	Hermetic	06E()250	Copeland	4RA3-2000	20	R-502 Med. Temp.	06EZ150
Chrysler	3025-00	25	Semi-Hermetic	06EZ175	Copeland	4RE2-2000	20	R-22	06D()537
Chrysler	3030-00	30	Semi-Hermetic	06ET275	Copeland	4RH1-1500	15	R-12 High Temp.	06EZ150
Chrysler	3030-02	30	Semi-Hermetic	06ET275	Copeland	4RH1-1500	15	R-12 Med. Temp.	06EY150
Chrysler	3040	40	Semi-Hermetic	06EX299	Copeland	4RH1-2500	25	R-22 A/C Duty	06ET250
Chrysler	3050	50	Semi-Hermetic	06LH214	Copeland	4RH1-2500	25	R-22 Med. Temp.	06EZ150
Chrysler	3060-01	60	Remove 1 Suction Ring 1st to Unload	06LH218	Copeland	4RH1-2500	25	R-502 Med. Temp.	06EZ150
Chrysler	3060-1	60	Remove 1 Suction Ring 1st to Unload	06LH218	Copeland	4RH2-2500	25	R-502 Med. Temp.	06EZ150
Chrysler	3075	75	Semi-Hermetic	06LH218	Copeland	4RJ1-3000	30	R-22 A/C Duty	06ET265
Copeland	2DA3-0500	5	R-12 Med. Temp.	06DR718	Copeland	4RJ2-3000	30	R-22 A/C Duty	06ET265
Copeland	2DA3-0600	6	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06DR820	Copeland	4RK1-2500	25	R-22 A/C Duty	06ET250
Copeland	2DA3-0750	7.5	R-502 Med. Temp.	06DR820	Copeland	4RK2-1500	15	R-12 Med. Temp.	06EZ150
Copeland	2DA3-0750	7.5	R-22 A/C Duty	06DM818	Copeland	4RK2-2500	25	R-22 A/C Duty	06ET250
Copeland	2DB3-0500	5	R-12 Med. Temp.	06DR820	Copeland	4RL1-1500	15	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06EY150
Copeland	2DB3-0600	6	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06DR820	Copeland	4RR1-3000	30	R-22 A/C Duty	06ET265
Copeland	2DC3-0500	5	R-502 Med. Temp.	06DM313	Copeland	4RR2-3000	30	R-22 A/C Duty	06ET265
Copeland	2DC3-0500	5	R-22 A/C Duty	06DM313	Copeland	6DH1-2000	20	R-12 Med. Temp.	06EY/EZ175
Copeland	2DD3-0500	5	R-502 Med. Temp.	06DM313	Copeland	6DH1-3500	35	R-22 A/C Duty	06ET275
Copeland	2DD3-0500	5	R-22 A/C Duty	06DM313	Copeland	6DH1-3500	35	R-502 Med. Temp.	06EZ199
Copeland	2DF3-0300	3	R-12 Med. Temp.	06DM/DR316	Copeland	6DJ1-4000	40	R-22 A/C Duty	06ET299
Copeland	2DF3-0300	3	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06DR316	Copeland	6DJI-4000	40	R-502 Med. Temp.	06EZ199
Copeland	2DL3-0750	7.5	R-502 Med. Temp.	06DR820	Copeland	6DLI-2700	27	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06EY175
Copeland	2DL3-0750	8	R-22 A/C Duty	06DM818	Copeland	6DT1-3000	30	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06EY099
Copeland	3DA3-0500	5	R-12 Med. Temp.	06DR724	Copeland	6DRI-4000	40	R-22 A/C Duty	06ET299
Copeland	3DA3-0600	6	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06DR724	Copeland	6DS1-4000	40	R-22 A/C Duty	06ET299
Copeland	3DA3-0750	7.5	R-502 Med. Temp.	06DR724	Copeland	6RA4-2000	20	R-12 Med. Temp.	06EY165
Copeland	3DA3-0750	8	R-22 A/C Duty	06DM824	Copeland	6RA4-3000	30	R-502 Med. Temp.	06ET265
Copeland	3DB3-0750	7.5	R-12 Med. Temp.	06DR228	Copeland	6RE2-3000	30	R-22 A/C Duty	06ET265
Copeland	3DB3-0750	7.5	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06DR228	Copeland	6RH1-2000	20	R-12 Med. Temp.	06EY175
Copeland	3DB3-1000	10	R-502 Med. Temp.	06DR228	Copeland	6RH1-3500	35	R-502 Med. Temp.	06EZ175
Copeland	3DB3-1000	10	R-22 A/C Duty	06DX328	Copeland	6RH1-3500	35	R-12 High Temp.	06EZ175

Compressors,
Chillers, Condensers

Motors

Electrical

Heating
Components

Indoor Air
Quality

Thermostats

Oils &
Chemicals

Accessories, Supplies
& Commodities

Tools &
Instruments

Refrigeration

Compressors, Chillers & Condensers

COMPRESSOR CROSS REFERENCE

Compressors, Chillers, Condensers	BRAND	MODEL #	HP	NOTES	CARLYLE MODEL	Motors	BRAND	MODEL #	HP	NOTES	CARLYLE MODEL
Electrical	Copeland	6RH1-3500	35	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06EY175	Heating Components	Copeland	MRF2-0500	5	R-12 Med. Temp.	06DR316
	Copeland	6RH1-3500	35	R-22 A/C Duty	06ET275		Copeland	MRH2-0760	7.5	R-22 A/C Duty	06DM818
Indoor Air Quality	Copeland	6RJ1-4000	40	R-502 Med. Temp.	06EZ175	Thermostats	Copeland	MRH4-0760	7.5	R-502 Med. Temp.	06DR718
	Copeland	6RJ1-4000	40	R-502 Med. Temp.	06EZ199		Copeland	MRH4-0760	7.5	R-22 Med. Temp.	06DR718
Oils & Chemicals	Copeland	6RJ1-4000	40	R-22 A/C Duty	06ET299	Accessories, Supplies & Commodities	Copeland	MRH4-0760	8	R-22 A/C Duty	06DM818
	Copeland	6RJ1-4000	40	R-22 Med. Temp.	06EZ199		Copeland	NRA2-0500	5	R-22 A/C Duty	06DM313
Tools & Instruments	Copeland	6RK2-3500	35	R-22 A/C Duty	06ET275	Refrigeration	Copeland	NRB2-0310	3	R-12 Med. Temp.	06DR109
	Copeland	6RL1-2500	25	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06EY175		Copeland	NRB2-0400	4	R-22 A/C Duty	06DM313
	Copeland	6RN2-3000	30	R-22 A/C Duty	06ET265		Copeland	NRB2-0400	4	R-22 Med. Temp.	06DM313
	Copeland	6RP2-3500	35	R-22 A/C Duty	06ET275		Copeland	NRDI-0310	3	R-12 Med. Temp.	06DR013
	Copeland	6RR2-4000	40	R-22 A/C Duty	06ET299		Copeland	NRDI-0310	3	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06DR013
	Copeland	6RS2-4000	40	R-22 A/C Duty	06ET299		Copeland	NRMI-0500	5	R-12 Med. Temp.	06DM316
	Copeland	6RT1-3000	30	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06EY175		Copeland	NRMI-0500	5	R-502 Med. Temp.	06DM316
	Copeland	9RAI-0500	5	R-12 Med. Temp.	06DR820		Dunham-Bush	100PHF	10	R-502 Med. Temp.	06DM824
	Copeland	9RAI-0505	5	R-12 Med. Temp.	06DR820		Dunham-Bush	100PHF	10	-	06DX824
	Copeland	9RAI-0760	7.5	R-12 Med. Temp.	06DR820		Dunham-Bush	105DLN	-	Open Drive	5F60
	Copeland	9RAI-0760	7.5	R-22 Med. Temp.	06DR820		Dunham-Bush	205DLFN	-	Open Drive	5F60
	Copeland	9RBI-0500	5	-	06DR718		Dunham-Bush	111PHF/CF	10	R-22 A/C Duty	06DX328
	Copeland	9RBI-0760	7.5	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06DR724		Dunham-Bush	1015BHF6V5HBJ6C	-	-	06LH214
	Copeland	9RBI-0760	7.5	R-12 Med. Temp.	06DR228		Dunham-Bush	1210BHF6L5HBJOC	-	-	06LH218
	Copeland	9RBI-0765	7.5	-	06DR228		Dunham-Bush	150PHF	15	-	06DX537
	Copeland	9RCI-0760	7.5	R-12 Med. Temp.	06DM724		Dunham-Bush	151PHF	15	-	06DX537
	Copeland	9RCI-1010	10	R-502 Med. Temp.	06DR724		Dunham-Bush	151PHFCF-BG	15	-	06DM537
	Copeland	9RCI-1010	10	R-22 A/C Duty	06DX328		Dunham-Bush	151PHF/CF	15	-	06DX537
	Copeland	9RCI-1010	10	R-502 Med. Temp.	06DR228		Dunham-Bush	151UPHF/CF	15	-	06DX537
	Copeland	9RCI-1015	10	R-502 Med. Temp.	06DR724		Dunham-Bush	154PHC/ELF	15	-	06DX537
	Copeland	9RCI-1015	10	R-22 A/C Duty	06DX328		Dunham-Bush	15C/ELF	-	-	06DR109
	Copeland	9RJ1-0500	5	R-12 Semi-Hermetic	06DR724		Dunham-Bush	200PHF	20	-	06DX537
	Copeland	9RN1-0760	7.5	R-22 A/C Duty	06DM818		Dunham-Bush	200UPHF	20	-	06ET250
	Copeland	9RP2-0760	7.5	R-12 Med. Temp.	06DM724		Dunham-Bush	201PHF/CF	17.5	R-22 A/C Duty	06ET250
	Copeland	9RP2-1010	10	R-22 A/C Duty	06DX328		Dunham-Bush	204PHF	20	R-502 Med. Temp.	06EZ150
	Copeland	9RS1-1500	15	R-22 A/C Duty	06DX537		Dunham-Bush	204PHF	20	-	06ET250
	Copeland	9RS1-1500	15	R-502 Med. Temp.	06DR228		Dunham-Bush	204PHF/CF	20	R-22 A/C Duty	06ET250
	Copeland	9RS2-0760	7.5	R-12 Med. Temp., R-502 Low Temp.	06DR337		Dunham-Bush	204PHF-CF-BZ	20	-	06ET250
	Copeland	9RS3-0760	7.5	R-12 Med. Temp.	06DR228		Dunham-Bush	204PHF/BZ	20	-	06EX150
	Copeland	9RS3-0760	7.5	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06DR228		Dunham-Bush	20C/ELF	-	-	06DR109
	Copeland	9RS3-1010	10	R-12 Med. Temp.	06DM337		Dunham-Bush	20H/CF/LF	-	-	06DM808
	Copeland	9RS3-1010	10	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06DR228		Dunham-Bush	20L	2	R-12 Low Temp. Semi-Hermetic	06DR109
	Copeland	9RT1-1500	15	R-22 A/C Duty	06DX537		Dunham-Bush	20LF	2	R-502 Low Temp.	06DR109
	Copeland	9RT1-1505	15	R-22 A/C Duty	06DX537		Dunham-Bush	255HNF	25	-	06ET250
	Copeland	EAD1-0200	2	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06DR109		Dunham-Bush	257LFN	25	R-502 Low Temp.	06EY175
	Copeland	EAL2-0200	2	R-12 Med. Temp.	06DR109		Dunham-Bush	306HF	30	R-22 A/C Duty	06EX265
	Copeland	EAV1-0200	2	R-12 Med. Temp.	06DR109		Dunham-Bush	307CFN	30	R-22 Med. Temp.	06ET275
	Copeland	EAV1-0200	2	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06DR109		Dunham-Bush	308LFN	30	-	06ET275
	Copeland	ERCI-0200	2	R-502 Med. Temp.	06DM808		Dunham-Bush	308DLFN	30	R-502 Low Temp. Open Drive	5H40
	Copeland	ERCI-0200	2	R-22 Med. Temp.	06DM808		Dunham-Bush	30C/ELF	3	-	06DR013
	Copeland	ERC2-0200	2	R-502 Med. Temp.	06DM808		Dunham-Bush	30ELF	3	R-502 Low Temp.	06DR316
	Copeland	ERFI-0310	3	R-502 Med. Temp.	06DM808		Dunham-Bush	30HF	3	R-22 A/C Duty, R-502 Med. Temp.	06DM808
	Copeland	ERFI-0310	3	R-22 Med. Temp.	06DM808		Dunham-Bush	30LF	3	R-502 Low Temp.	06DR013
	Copeland	ERFI-0310	3	R-22 A/C Duty	06DM808		Dunham-Bush	32C	3	R-12 Med. Temp.	06DR013
	Copeland	ERJ2-0200	2	R-12 Med. Temp.	06DR109		Dunham-Bush	32ELF	3	R-502 Med. Temp.	06DM313
	Copeland	ERJ2-0200	2	R-502 Med. Temp.	06DR109		Dunham-Bush	32ELF	3	R-502 Low Temp.	06DR316
	Copeland	LAC1-0310	3	R-12 Med. Temp.	06DR013		Dunham-Bush	357HF	35	R-22 A/C Duty	06EX275
	Copeland	LAC1-0310	3	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06DR013		Dunham-Bush	408HF	40	R-22 A/C Duty	06ET299
	Copeland	LAHI-0310	3	R-12 Med. Temp.	06DR013		Dunham-Bush	50C	5	R-12 Med. Temp.	06DR824
	Copeland	LAHI-0310	3	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06DR109		Dunham-Bush	50DC/ELF	5	R-12 Med. Temp., R-502 Low Temp.	06DR718
	Copeland	LALI-0310	3	R-12 Med. Temp.	06DR013		Dunham-Bush	50H	5	R-12 High Temp.	06DM818
	Copeland	MRA2-0500	5	R-502 Low Temp. Cylinder Head Cooling Fan Req.	06DR316		Dunham-Bush	50LF	5	R-502 Low Temp.	06DR316
	Copeland	MRA2-0500	5	R-12 Med. Temp.	06DM316		Dunham-Bush	509HEN	50	-	06EX299
	Copeland	MRA2-0500	5	R-12 Med. Temp.	06DR316		Dunham-Bush	509HF	50	Semi-Hermetic	06EX299
	Copeland	MRBI-0500	5	R-12 Med. Temp.	06DR718		Dunham-Bush	511DCLF	50	-	5H46
	Copeland	MRF2-0500	5	R-12 High Temp.	06DM316		Dunham-Bush	511HF	50	-	06LH214

Compressors, Chillers & Condensers

COMPRESSOR CROSS REFERENCE

BRAND	MODEL #	HP	NOTES	CARLYLE MODEL	BRAND	MODEL #	HP	NOTES	CARLYLE MODEL
Dunham-Bush	75CF	7.5	-	06DM818	Trane	CRHM100	10	R-12 Med. Temp. and A/C Duty	06DM337
Dunham-Bush	75DPC/ELF	7.5	R-12 Med. Temp., R-502 Low Temp.	5F40	Trane	CRHM130	13	R-12 Med. Temp. and A/C Duty	06EZ150
Dunham-Bush	75DPL	7.5	R-12 Low Temp.	5F40	Trane	CRHM150	15	R-22 A/C Duty	06DX537
Dunham-Bush	75HF	7.5	-	06DM818	Trane	CRHM160	-	R-22	06ET250
Dunham-Bush	76PH/C/LF	7.5	R-502	06DR228	Trane	CRHM170	17	R-12 Med. Temp. and A/C Duty	06EY165
Dunham-Bush	76PH/C/LF	7.5	R-12	06DR724	Trane	CRHM190	19	R-12 Med. Temp. and A/C Duty	06EZ175
Dunham-Bush	A5HH/C	-	Semi-Hermetic	06ET275	Trane	CRHM200	20	R-22 A/C Duty	06ET250
Dunham-Bush	B3HHC	-	Semi-Hermetic	06ET275	Trane	CAHM200A-2B	20	Semi-Hermetic	06ET250
Dunham-Bush	B4HHC	-	-	06ET299	Trane	CRHM200A-2GAT	20	Semi-Hermetic	06ET250
Frick	MCM-4A	-	Open Drive	5H46	Trane	CRHM200A-2J	20	Semi-Hermetic	06ET250
Frick	MCM-4B	-	Open Drive	5H40	Trane	CRHM200B-2G	20	Semi-Hermetic	06ET250
Frick	MCM-6A	-	Open Drive	5H80	Trane	CRHM200C-2D	20	Semi-Hermetic	06ET250
Frick	MCM-6B	-	Open Drive	5H60	Trane	CRHM250	25	R-22 A/C Duty	06ET265
Frick	MCM-8A	-	Open Drive	5H86	Trane	CRHM250A-4G	25	Semi-Hermetic	06ET265
Frick	MCM-8B	-	Open Drive	5H80	Trane	CRHM250B-3B	25	Semi-Hermetic	06ET265
Lennox	L2AI8024G-A3	-	Hermetic	06DX537	Trane	CRHM300	30	R-22 A/C Duty	06ET275
Lennox	L2BI2724L-B3	-	Hermetic	06DX328	Trane	CRHM300A-4GAT	30	Semi-Hermetic	06ET275
Lennox	L2BI2724L-B4	-	Hermetic	06DX328	Trane	CRHM300C-4G	30	Semi-Hermetic	06ET275
Lennox	L2DI2724F-C4	-	Hermetic	06DX328	Trane	CRHM300C-4JAS	30	Semi-Hermetic	06ET275
Lennox	L2DI2724L-C5	-	Hermetic	06DX328	Trane	CRHM300W-4JAT	30	Semi-Hermetic	06ET275
Lennox	L2DI2724Z-Bi	-	Hermetic	06DX328	Trane	CRHR260	26	R-1 Med. Temp. and A/C Duty	06EZ199
Lennox	L6AI8024G-A2	-	Hermetic	06DX537	Trane	CRHR320	32	R-12 Med. Temp. and A/C Duty, Remove 1 Suction Ring	06LH114
Prestcold	E036C100	-	Open Drive	5H40	Trane	CRHR380	38	R-12 Med. Temp. and A/C Duty	06LH114
Prestcold	E2027C4	-	Open Drive	5H40	Trane	CRHR400	40	R-22 A/C Duty	06ET299
Prestcold	E2027X2	-	-	06ET265	Trane	CRHR400A-3H	40	Semi-Hermetic	06ET299
Prestcold	E2050C1	-	Open Drive	5H46	Trane	CRHR400C-3E	40	Semi-Hermetic	06ET299
Prestcold	R2120P	-	R-502 Low Temp.	06DR228	Trane	CRH400D-30	40	Semi-Hermetic	06ET299
Prestcold	R2120P	-	R-12 Med. Temp.	06DM337	Trane	CRHR500	50	R-22 A/C Duty, Remove 1 Suction Ring	06LH214
Tecumseh	CI	-	Open Drive	5F20	Trane	CRHR600	60	A/C Duty	06LH214
Tecumseh	CK	-	Open Drive	5F40	Westinghouse	CB065	7.5	-	06D()328
Tecumseh	CM	-	Open Drive	5F60	Westinghouse	CB094	7.5	-	06DM824
Trane	1 E5()48	30	R-12 Med. Temp. and A/C Duty, Remove 1 Suction Ring	06LH114	Westinghouse	CB101	8	-	06DM824
Trane	1 E5()58	40	R-12 Med. Temp. and A/C Duty	06LH114	Westinghouse	CB127	10	R-22 Semi-Hermetic	06D()328
Trane	1 E5()68	50	R-12 Med. Temp. and A/C Duty	06LH118	Westinghouse	CB127AIP	10	R-22 Semi-Hermetic	06D()328
Trane	1 E5()88	60	R-12 Med. Temp. and A/C Duty, Remove 1 Suction Ring	06LH128	Westinghouse	CB151	15	R-22 Semi-Hermetic	06DM537
Trane	1 F5()88	25	R-12 Med. Temp. and A/C Duty	06EZ199	Westinghouse	CB151AIQ	15	R-22 Semi-Hermetic	06DM537
Trane	2B514	-	Open Drive	5F40	Westinghouse	CB151W	15	R-22 Semi-Hermetic	06DM537
Trane	2B516	-	Open Drive	5F60	Westinghouse	CB151WIQ	15	R-22 Semi-Hermetic	06DM537
Trane	2B518	-	Open Drive	06ET275	Westinghouse	CC035	35	-	06ET275
Trane	2E5()48	50	R-22 A/C Duty, Remove 1 Suction Ring	06LH214	Westinghouse	CC040	40	R-12 Semi-Hermetic	06EZ199
Trane	2E5()58	60	Semi-Hermetic	06LH214	Westinghouse	CC040	40	R-22 Semi-Hermetic	06ET299
Trane	2E5()68	75	R-22 A/C Duty	06LH218	Westinghouse	CC050	50	Remove 1 Suction Ring	06L()114
Trane	2E5F81	-	R-22 A/C Duty, Remove 2 Suction Ring Valves	06LH228	Westinghouse	CC055	55	Remove 1 Suction Ring	06LH214
Trane	2E5J81N	-	R-22 A/C Duty, Remove 2 Suction Ring Valves	06LH228	Westinghouse	CC060	60	-	06LH214
Trane	2E5()88	100	R-22 A/C Duty, Remove 2 Suction Ring	06LH228	Westinghouse	CC070	70	Remove 1 Suction Ring	06LH118
Trane	2F5()38	15	Semi-Hermetic	06D()537	Westinghouse	CC080	80	-	06LH218
Trane	2F5()48	20	Semi-Hermetic	06ET250	Westinghouse	CC095	95	Remove 2 Suction Rings	06LH128
Trane	2F5()58	25	Semi-Hermetic	06E()265	Westinghouse	CC105	105	Remove 1 Suction Ring	06LH228
Trane	2F5()68	30	Semi-Hermetic	06ET275	Westinghouse	CC115	115	-	06LH228
Trane	2F5()69	30	R-22 Semi-Hermetic	06ET275	Westinghouse	CD090	7.5	-	06DM818
Trane	2F5()88	40	Semi-Hermetic	06ET299	Westinghouse	CLS51	5	R-22 Semi-Hermetic	06DM818
Trane	3E5()40	-	Open Drive, Do Not Belt Drive	5H46	Westinghouse	CLS108	25	R-12 Semi-Hermetic	06EZ199
Trane	3E5()50	-	Open Drive	5H60	Westinghouse	CLS125	30	R-22 Semi-Hermetic	06E()275
Trane	3E5()60	-	Open Drive	5H66	Westinghouse	CLS150	45	R-22 Semi-Hermetic	06ET299
Trane	3E5()80	-	Open Drive	5H86	Westinghouse	CLS185	60	-	06LH214
Trane	3F5()30	-	Open Drive	5F40	Westinghouse	CLS188	5	-	06DM818
Trane	3F5()60	-	Open Drive	06ET275	Westinghouse	CLS282	7.5	Refrigeration Duty	06DR228
Trane	3F5()80	-	Open Drive	5H40	Westinghouse	CLS282	7.5	R-12 A/C Duty	06DR328
Trane	A514	-	Open Drive, Do Not Belt Drive	5H46	Westinghouse	CLS550	15	R-12/115ORPM	06EZ266
Trane	A516	-	Open Drive, Do Not Belt Drive	5H66	Westinghouse	CLS81	7.5	R-22 Semi-Hermetic	06DM818
Trane	CRHK-200A	-	R-22 Hermetic	06ET250	Westinghouse	CLS850	25	R-12	06EZ199
Trane	CRHK-300T	-	R-22 Hermetic	06ET275	Westinghouse	CLS86	20	-	06LH209

Compressors,
Chillers, Condensers

Motors

Electrical

Heating
Components

Indoor Air
Quality

Thermostats

Oils &
Chemicals

Accessories, Supplies
& Commodities

Tools &
Instruments

Refrigeration

COMPRESSOR CROSS REFERENCE

BRAND	MODEL #	HP	NOTES	CARLYLE MODEL
Worthington	23J5-10	10	-	06DX824
Worthington	23JF5-10	10	R-22 Semi-Hermetic	06DX824
Worthington	2HF3-7.5	7.5	R-22 Semi-Hermetic	06DM818
Worthington	2JF3	5	-	06DM313
Worthington	2JF5	10	-	06DM718
Worthington	2J F5-10	10	-	06DM818
Worthington	2JF5-7.5	7.5	R-22 Semi-Hermetic	06DM818
Worthington	2VC4	25	Open Drive	06DX537
Worthington	2VC5	30	Open Drive	5F60
Worthington	2VC6	30	Open Drive	06ET265
Worthington	2VC7	35	Open Drive	06ET265
Worthington	2VH4	20	R-22 Semi-Hermetic	06EX250
Worthington	2VH5	-	R-22 Semi-Hermetic	06ET265
Worthington	2VH7	30	R-22 Semi-Hermetic	06EX299
Worthington	2VXC6	-	Open Drive	5F60
Worthington	2VXC65A	-	Open Drive	5H40
Worthington	2VXC8	-	Open Drive	5H46
Worthington	2VXH3	17.5	Semi-Hermetic	06DX537
Worthington	2VXH4	25	Semi-Hermetic	06ET250
Worthington	2VXH5	30	Semi-Hermetic	06ET265
Worthington	2VXH6	35	Semi-Hermetic	06ET275
Worthington	2VXH7	40	Semi-Hermetic	06ET299
Worthington	2VXH8	45	Semi-Hermetic, Remove 1 Suction Ring	06L()214
Worthington	2VXHG4	25	Semi-Hermetic	06EX275
Worthington	2VXHJ6B	45	Semi-Hermetic	06EX275
Worthington	2VXHJ6BS2	45	Semi-Hermetic	06ET275
Worthington	2VXHM7A	40	Semi-Hermetic	06ET299
Worthington	2VXHM8	40	Remove 1 Suction Ring	06LH214
Worthington	3JF4	15	Open Drive	06E()299
Worthington	3JF6	25	Open Drive	06LH214
Worthington	3JFS4	7.5	-	06E()299
Worthington	3VC4	-	Open Drive	5H40
Worthington	3VC5HL	-	Open Drive	5H46
Worthington	3VC6	-	Open Drive	5H60
Worthington	3VC7HSK	-	Open Drive	5H66
Worthington	3VC8	-	Open Drive	5H50
Worthington	3VH05	50	Semi-Hermetic, Remove 1 Suction Ring	06LH214
Worthington	3VH06	60	Semi-Hermetic	06LH214
Worthington	3VHN4	40	Semi-Hermetic	06LH209
Worthington	3VHN4B	40	Semi-Hermetic	06LH209
Worthington	3VHP6	50	Semi-Hermetic	06LH214
Worthington	3VHP7R	70	Semi-Hermetic	06LH214
Worthington	3VHR8	-	R-22 Semi-Hermetic	06LH218
Worthington	3VHTB	-	Semi-Hermetic	06LH218
Worthington	3VXC8	-	Open Drive	5H86
Worthington	3VXH-8	100	Semi-Hermetic, Remove 2 Suction Ring Valves	06LH228
Worthington	3VXHTBR	100	Semi-Hermetic	06LH218
Worthington	3VXHVS3	100	Semi-Hermetic	06LH228
Worthington	4JF4	40	Open Drive	5H40
York	BF29	-	Open Drive	5H40
York	ES68S-25-AS	-	Semi-Hermetic	06DM818
York	ES68T-25-AS	-	Semi-Hermetic	06DM818
York	ES68T-46-AS	-	Semi-Hermetic	06DM818
York	F3049	-	Open Drive	5H60
York	F30696BE	-	Open Drive	5H60
York	F3089	-	Open Drive	5H120
York	F32S	-	Open Drive	5F40
York	F92S	40	Open Drive	5H46
York	G63SA	-	-	5H60
York	H256	25	-	06ET265
York	H256WC	25	-	06ET265
York	H256WW	25	-	06ET265

BRAND	MODEL #	HP	NOTES	CARLYLE MODEL
York	H306GC	30	-	06ET275
York	H32SM	15	Semi-Hermetic	06DX537
York	H459	45	Semi-Hermetic, Remove 1 Suction Ring Valve	06LH214
York	H615	25	-	06E()265
York	H615NF	-	R-22 A/C Duty	06ET265
York	H62SPDG	20	-	06EZ175
York	H62SODG	20	Semi-Hermetic	06EZ175
York	H92SRDG	45	Semi-Hermetic	06LH114
York	H92SRFS	45	-	06LH114
York	H92SSCG	45	-	06LH114
York	HS256W	25	-	06ET265
York	JS43L-46AS	-	-	06LH214
York	SS42A-F46-G	20	-	06EX250
York	SS42B-F17-G	20	-	06EX250
York	SS42F-25-A-G	20	Semi-Hermetic	06EX250
York	SS42F-46G	20	Semi-Hermetic	06EX250
York	SS62B-J28-G	30	-	06ET275
York	SS62B-J28-S	30	-	06ET275
York	SS62B-J46-S	30	-	06ET275
York	SS62H-46-A-S	30	-	06ET275
York	SS63C-L46S	30	R-22 Semi-Hermetic	06ET299
York	SS82B-L46S	40	-	06ET299