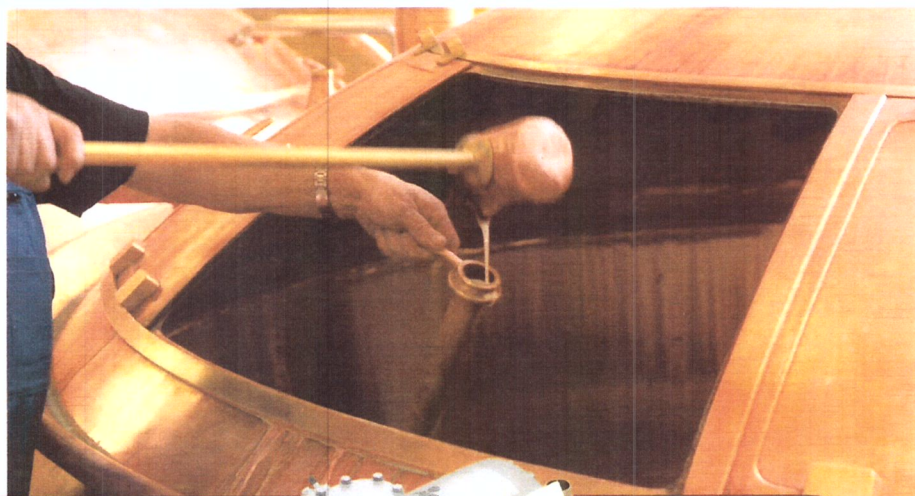




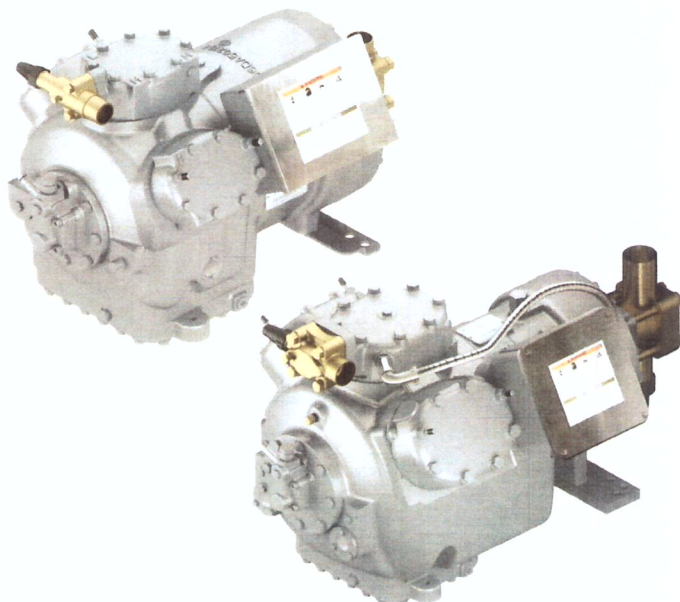
THE MOST ADVANCED
COMPRESSOR TECHNOLOGY AVAILABLE

06D, 06E & 06CC Reciprocating Compressors

THE MOST ADVANCED COMPRESSOR
TECHNOLOGY AVAILABLE

06D AND 06E RECIPROCATING COMPRESSORS

Performance you demand, quality you rely on.



Every day around the world, Carlyle compressors are working quietly and efficiently in supermarkets, computer rooms, manufacturing plants, on board ships and over the road. Carlyle compressors consistently meet and exceed the demands of challenging environments, providing the most reliable refrigeration in the world.

Carlyle compressors are more dependable and durable by design. In critical applications where extreme conditions are frequently encountered, first-year failure rates are a mere 0.29%.

Carlyle compressors also provide higher performance. Reciprocating compressors can be applied in high, medium, and low-temperature applications. Carlyle's performance and level of reliability has made our 06D and 06E reciprocating compressor one of the industry's top choices. Throughout the years, customers have relied on Carlyle to deliver high efficiency, low operating costs and, of course, the toughness for which we have become famous.

While system requirements vary, they do share one thing in common – Carlyle is the name customers in each area turn to for efficient, reliable compressor solutions. Carlyle's advanced engineering efficiencies can save thousands of dollars in energy costs over the lifespan of the unit.

Detailed information, design data and application information is also available. Visit www.CarlyleCompressor.com to access Application Guides, Service Guides, CARWIN Compressor Selection Software and more.



NEW LOW GLOBAL WARMING POTENTIAL (Low GWP)
REFRIGERANT MODELS NOW AVAILABLE

06D, 06E AND 06CC RECIPROCATING COMPRESSORS

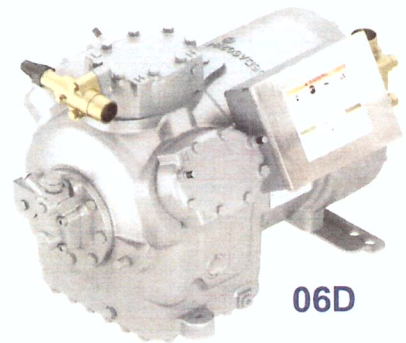
Performance you demand, quality you rely on.

Many design strategies exist today to reduce the amount of refrigerant required to assist with reducing leaks and mitigate the risks of using a flammable or toxic refrigerant. Carlyle has introduced climate-friendly alternatives to high GWP refrigerants for use in commercial refrigeration applications:

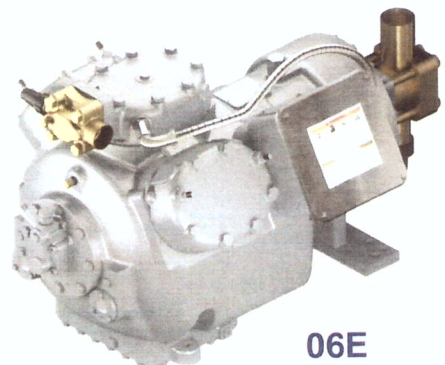
R-448A, R-449A, R-452A

We have applied our technological capabilities to bring you compressors that use alternative, environmentally safe refrigerants, while still meeting your need for reliable, efficient operation. We're committed to providing you with the most that a compressor can possibly give you – high efficiency, low operating costs, optional capacity control systems, and Carlyle's world-famous reliability.

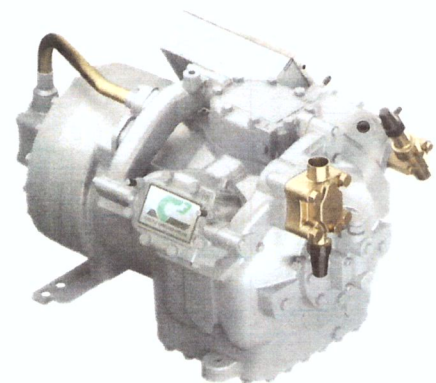
Talk to a Carlyle expert today and learn more about the expanded refrigerant offering. Please visit us online at www.carlylecompressor.com.



06D



06E



06CC



Performance you demand, quality you rely on.

06DA328

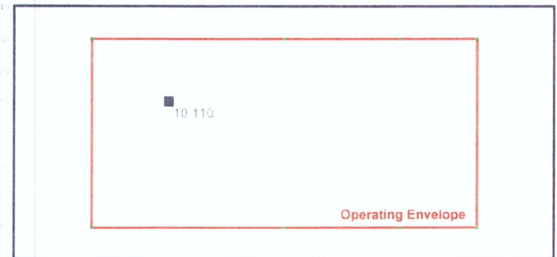
R404A/R507 Refrigerants

10HP

Physical Data							
Model	Nominal HP	Displ. CFM	No. of Cylinders	Suction Line Size (in)	Discharge Line Size (in)	Shipping Weight (lbs)	Oil Charge (pints)
06DA328	10	28	6	1 3/8	1 1/8	315	8

Available Voltages	
208/230-3-60	
460-3-60	
575-3-60	

Saturated Discharge Temp (°F)



Saturated Suction Temp (°F)

Tabular Data Summary – Fixed RGT = 65°F Subcooling = 0°F Voltage: 460-3-60Hz															
Saturated Condensing Temperature (F)	-10	-5	0	5	10	15	20	25	30	35	40	45	50	55	
90	Capacity (Btu/hr)			77486	88232	100035	112974	127127	142572	159386	177648	197437	218829		
	Power (kW)			8.34	8.62	8.86	9.04	9.18	9.24	9.24	9.16	9	8.76		
	EER (BTU/WATT-HR)			9.29	10.24	11.29	12.49	13.86	15.43	17.25	19.39	21.93	24.99		
	Current (AMPS)			12.43	12.79	13.1	13.34	13.5	13.58	13.58	13.47	13.26	12.94		
110	Capacity (Btu/hr)			62314	71343	81272	92177	104137	117230	131534	147128	164090	182498		
	Power (kW)			9.39	9.85	10.27	10.65	10.98	11.27	11.5	11.67	11.77	11.79		
	EER (BTU/WATT-HR)			6.63	7.25	7.92	8.66	9.48	10.4	11.44	12.61	13.94	15.48		
	Current (AMPS)			13.73	14.31	14.84	15.33	15.76	16.12	16.42	16.64	16.77	16.8		
130	Capacity (Btu/hr)			45704	52844	60719	69407	78985	89531	101124	113840	127758	142954		
	Power (kW)			10.23	10.85	11.44	12.01	12.55	13.05	13.51	13.91	14.26	14.55		
	EER (BTU/WATT-HR)			4.47	4.87	5.31	5.78	6.29	6.86	7.49	8.18	8.96	9.83		
	Current (AMPS)			14.83	15.62	16.39	17.13	17.83	18.49	19.1	19.64	20.12	20.53		

06DA537

R404A/R507 Refrigerants

15HP

Physical Data							
Model	Nominal HP	Displ. CFM	No. of Cylinders	Suction Line Size (in)	Discharge Line Size (in)	Shipping Weight (lbs)	Oil Charge (pints)
06DA537	15	37.1	6	1 5/8	1 1/8	325	8

Available Voltages	
208/230-3-60	
460-3-60	
575-3-60	

Saturated Discharge Temp (°F)



Saturated Suction Temp (°F)

Tabular Data Summary – Fixed RGT = 65°F Subcooling = 0°F Voltage: 460-3-60Hz															
Saturated Condensing Temperature (F)	-10	-5	0	5	10	15	20	25	30	35	40	45	50	55	
90	Capacity (Btu/hr)			106816	120788	136003	152544	170493	189932	210944	233610	258014	284237		
	Power (kW)			11.06	11.48	11.84	12.13	12.34	12.48	12.52	12.47	12.32	12.06		
	EER (BTU/WATT-HR)			9.66	10.52	11.49	12.58	13.81	15.22	16.85	18.73	20.95	23.58		
	Current (AMPS)			16.76	17.26	17.69	18.03	18.29	18.44	18.5	18.43	18.24	17.92		
110	Capacity (Btu/hr)			87383	99417	112543	126840	142393	159284	177594	197407	218805	241871		
	Power (kW)			12.72	13.38	14	14.56	15.07	15.5	15.86	16.13	16.31	16.4		
	EER (BTU/WATT-HR)			6.87	7.43	8.04	8.71	9.45	10.28	11.2	12.24	13.41	14.75		
	Current (AMPS)			18.74	19.54	20.28	20.97	21.58	22.12	22.57	22.93	23.18	23.32		
130	Capacity (Btu/hr)			65177	74924	85602	97294	110081	124046	139269	155834	173822	193314		
	Power (kW)			14.08	15	15.88	16.73	17.52	18.26	18.93	19.54	20.07	20.51		
	EER (BTU/WATT-HR)			4.63	5	5.39	5.82	6.28	6.79	7.36	7.98	8.66	9.43		
	Current (AMPS)			20.38	21.53	22.66	23.74	24.77	25.74	26.65	27.48	28.23	28.88		

06EM499

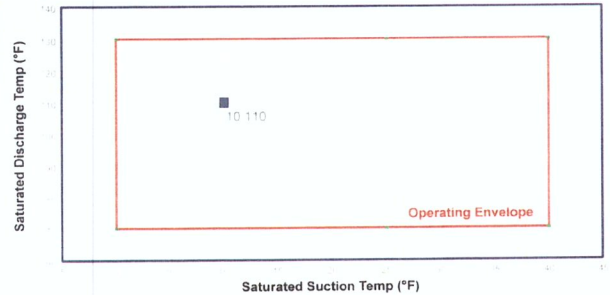
R404A/R507 Refrigerants

Physical Data

Model	Nominal HP	Displ. CFM	No. of Cylinders	Suction Line Size (in)	Discharge Line Size (in)	Shipping Weight (lbs)	Oil Charge (pints)
06EM499	35	99	6	2 1/8	1 5/8	505	19

Available Voltages

208/230-3-60
460-3-60
575-3-60
208/230/460-3-60



Tabular Data Summary – Fixed RGT = 65°F Subcooling = 0°F Voltage: 460-3-60Hz

Saturated Condensing Temperature (F)	-10	-5	0	5	10	15	20	25	30	35	40	45	50	55
90	Capacity (Btu/hr)			317907	345721	375801	408401	443774	482174	523853	569065			
	Power (kW)			30.47	31.68	32.56	33.21	33.75	34.29	34.92	35.77			
	EER (BTU/WATT-HR)			10.44	10.91	11.54	12.3	13.15	14.06	15	15.91			
	Current (AMPS)			47	48.22	49.7	51.51	53.68	56.27	59.33	62.9			
110	Capacity (Btu/hr)			258272	282999	309585	338283	369348	403033	439592	479280			
	Power (kW)			34.5	36.35	37.94	39.36	40.74	42.17	43.77	45.64			
	EER (BTU/WATT-HR)			7.49	7.79	8.16	8.59	9.07	9.56	10.04	10.5			
	Current (AMPS)			52.35	53.51	55.03	56.97	59.38	62.31	65.81	69.93			
130	Capacity (Btu/hr)			177209	197936	220104	243966	269776	297785	328246	361411			
	Power (kW)			34.04	36.97	39.69	42.33	44.97	47.74	50.74	54.08			
	EER (BTU/WATT-HR)			5.21	5.35	5.55	5.76	6	6.24	6.47	6.68			
	Current (AMPS)			54.08	55.33	57.04	59.28	62.08	65.5	69.59	74.4			

06EA550

R404A/R507 Refrigerants

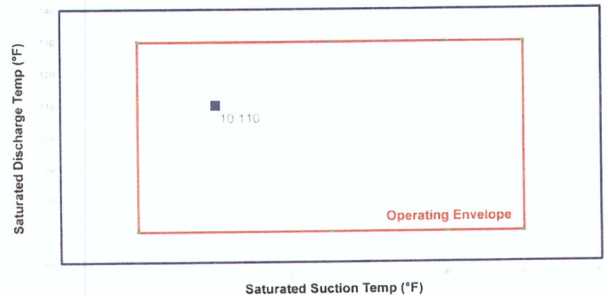
20 HP

Physical Data

Model	Nominal HP	Displ. CFM	No. of Cylinders	Suction Line Size (in)	Discharge Line Size (in)	Shipping Weight (lbs)	Oil Charge (pints)
06EA550	20	50.3	4	1 5/8	1 1/8	430	14

Available Voltages

208/230-3-60
460-3-60
575-3-60
208/230/460-3-60



Tabular Data Summary – Fixed RGT = 65°F Subcooling = 0°F Voltage: 460-3-60Hz

Saturated Condensing Temperature (F)	-10	-5	0	5	10	15	20	25	30	35	40	45	50	55
90	Capacity (Btu/hr)			159118	180533	204015	229706	257746	288278	321443	357383	396239		
	Power (kW)			16.23	16.73	17.15	17.49	17.72	17.84	17.84	17.71	17.44		
	EER (BTU/WATT-HR)			9.8	10.79	11.89	13.14	14.55	16.16	18.02	20.18	22.73		
	Current (AMPS)			23.52	24.11	24.62	25.01	25.29	25.44	25.43	25.27	24.93		
110	Capacity (Btu/hr)						165970	187652	211396	237344	265637	296418	329828	
	Power (kW)						19.86	20.54	21.15	21.67	22.09	22.4	22.58	
	EER (BTU/WATT-HR)						8.36	9.13	9.99	10.95	12.03	13.24	14.61	
	Current (AMPS)						27.89	28.75	29.52	30.19	30.75	31.18	31.47	
130	Capacity (Btu/hr)							142167	161279	182294	205353	230598	258168	
	Power (kW)							23.21	24.19	25.1	25.92	26.66	27.3	
	EER (BTU/WATT-HR)							6.12	6.67	7.26	7.92	8.65	9.46	
	Current (AMPS)							32.32	33.66	34.92	36.11	37.21	38.19	

06EA565

R404A/R507 Refrigerants

25 HP

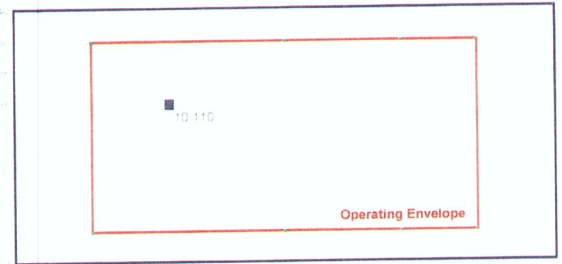
Physical Data

Model	Nominal HP	Displ. CFM	No. of Cylinders	Suction Line Size (in)	Discharge Line Size (in)	Shipping Weight (lbs)	Oil Charge (pints)
06EA565	25	68.3	6	1 5/8	1 3/8	485	19

Available Voltages

208/230-3-60
460-3-60
575-3-60
208/230/460-3-60

Saturated Discharge Temp (°F)



Saturated Suction Temp (°F)

Tabular Data Summary – Fixed RGT = 65°F Subcooling = 0°F Voltage: 460-3-60Hz

Saturated Condensing Temperature (F)	-10	-5	0	5	10	15	20	25	30	35	40	45	50	55
90				177767	203820	231997	262453	295341	330815	369029	410137	454292	501650	
Capacity (Btu/hr)				18.45	19.58	20.64	21.6	22.46	23.19	23.8	24.25	24.54	24.66	
Power (kW)				9.63	10.41	11.24	12.15	13.15	14.26	15.51	16.91	18.51	20.34	
EER (BTU/WATT-HR)				27.55	29.09	30.48	31.72	32.8	33.72	34.46	35.02	35.39	35.58	
Current (AMPS)				138394	161155	185661	212066	240523	271188	304213	339753	377964	418999	
Capacity (Btu/hr)				19.32	20.95	22.51	23.99	25.37	26.64	27.79	28.8	29.65	30.34	
Power (kW)				7.16	7.69	8.25	8.84	9.48	10.18	10.95	11.8	12.75	13.81	
EER (BTU/WATT-HR)				28.38	30.63	32.75	34.71	36.52	38.16	39.64	40.95	42.07	43	
Current (AMPS)				96576	115473	135726	157488	180912	206151	233359	262689	294293	328326	
Capacity (Btu/hr)				18.44	20.62	22.75	24.8	26.76	28.62	30.37	31.99	33.46	34.77	
Power (kW)				5.24	5.6	5.97	6.35	6.76	7.2	7.68	8.21	8.8	9.44	
EER (BTU/WATT-HR)				27.07	30.13	33.04	35.81	38.43	40.89	43.18	45.31	47.26	49.03	
Current (AMPS)														

06EA575

R404A/R507 Refrigerants

30 HP

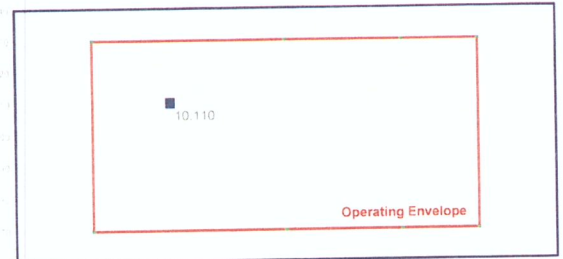
Physical Data

Model	Nominal HP	Displ. CFM	No. of Cylinders	Suction Line Size (in)	Discharge Line Size (in)	Shipping Weight (lbs)	Oil Charge (pints)
06EA575	30	75.4	6	2 1/8	1 3/8	490	19

Available Voltages

208/230-3-60
460-3-60
575-3-60
208/230/460-3-60

Saturated Discharge Temp (°F)



Saturated Suction Temp (°F)

Tabular Data Summary – Fixed RGT = 65°F Subcooling = 0°F Voltage: 460-3-60Hz

Saturated Condensing Temperature (F)	-10	-5	0	5	10	15	20	25	30	35	40	45	50	55
90				205768	234742	266541	301384	339491	381082	426376	475594	528956	586682	
Capacity (Btu/hr)				21	22.29	23.53	24.69	25.78	26.77	27.64	28.39	29	29.45	
Power (kW)				9.8	10.53	11.33	12.2	13.17	14.24	15.43	16.75	18.24	19.92	
EER (BTU/WATT-HR)				31.27	32.91	34.48	35.96	37.33	38.59	39.72	40.71	41.53	42.18	
Current (AMPS)				165269	189546	216086	245108	276833	311481	349272	390428	435168	483714	
Capacity (Btu/hr)				22.46	24.14	25.8	27.43	29.01	30.53	31.98	33.34	34.59	35.72	
Power (kW)				7.36	7.85	8.38	8.94	9.54	10.2	10.92	11.71	12.58	13.54	
EER (BTU/WATT-HR)				32.49	34.57	36.64	38.68	40.69	42.65	44.54	46.34	48.05	49.65	
Current (AMPS)				124238	143530	164512	187402	212420	239785	269715	302431	338149	377091	
Capacity (Btu/hr)				22.6	24.59	26.6	28.62	30.63	32.61	34.55	36.44	38.26	40	
Power (kW)				5.5	5.84	6.18	6.55	6.94	7.35	7.81	8.3	8.84	9.43	
EER (BTU/WATT-HR)				32.78	35.25	37.77	40.33	42.92	45.51	48.1	50.68	53.22	55.71	
Current (AMPS)														

06EA599

R404A/R507 Refrigerants

40 HP

Physical Data

Model	Nominal HP	Displ. CFM	No. of Cylinders	Suction Line Size (in)	Discharge Line Size (in)	Shipping Weight (lbs)	Oil Charge (pints)
06EA599	40	99	6	2 1/8	1 5/8	520	19

Available Voltages

208/230-3-60
460-3-60
575-3-60
208/230/460-3-60



Saturated Suction Temp (°F)

Tabular Data Summary – Fixed RGT = 65°F Subcooling = 0°F Voltage: 460-3-60Hz

Saturated Condensing Temperature (F)		-10	-5	0	5	10	15	20	25	30	35	40	45	50	55
90	Capacity (Btu/hr)				317907	345721	375801	408401	443774	482174	523853	569065	618064	671105	
	Power (kW)				30.47	31.68	32.56	33.21	33.75	34.29	34.92	35.77	36.93	38.52	
	EER (BTU/WATT-HR)				10.44	10.91	11.54	12.3	13.15	14.06	15	15.91	16.73	17.42	
	Current (AMPS)				47	48.22	49.7	51.51	53.68	56.27	59.33	62.9	67.05	71.81	
110	Capacity (Btu/hr)				258272	282999	309585	338283	369348	403033	439592	479280	522351	569059	
	Power (kW)				34.5	36.35	37.94	39.36	40.74	42.17	43.77	45.64	47.9	50.64	
	EER (BTU/WATT-HR)				7.49	7.79	8.16	8.59	9.07	9.56	10.04	10.5	10.91	11.24	
	Current (AMPS)				52.35	53.51	55.03	56.97	59.38	62.31	65.81	69.93	74.71	80.22	
130	Capacity (Btu/hr)				177209	197936	220104	243966	269776	297785	328246	361411	397534	436866	
	Power (kW)				34.04	36.97	39.69	42.33	44.97	47.74	50.74	54.08	57.86	62.2	
	EER (BTU/WATT-HR)				5.21	5.35	5.55	5.76	6	6.24	6.47	6.68	6.87	7.02	
	Current (AMPS)				54.08	55.33	57.04	59.28	62.08	65.5	69.59	74.4	79.98	86.38	