

# *Efficient.*

## ■ Compound Cooling Compressors *Innovative Design*

- Two Compressors in One
- Most Efficient Low Temperature Compressor on the Market
- Significant Performance Advantages over Single-Stage Compressors
- Easy-to-Install, Easier to Keep Up & Running
- 7 Models Available to Fit Virtually Any Refrigeration Application
- Features Carlyle's Unbeaten Reliability



*Unrivaled Performance*

# Efficient.



## CARLYLE VS. THE COMPETITION

LOW TEMPERATURE R-404A @ -25/105/65										
Model #	Mfg. – Type	HP	CFM	BTUH	EER	RLA	LRA	MCC	Ship WT., #	Oil Charge Ounces
R-404A Low Temp.			@ -25/105/65 Amps for 460-3-60							
06DR316	Carlyle – S-H	5	15.9	17,268	4.93	9.6	50	13.5	235	72
2DF3-030E	Cope – S-H	3	15.1	16,300	4.85	8.1	52	11.1	325	80
06DR718	Carlyle – S-H	5	18.3	21,618	5.14	9.6	50	13.5	250	88
2DL3-040E	Cope – S-H	4	16.8	19,900	5.24	10.2	60	14.3	325	80
06DR820	Carlyle – S-H	6.5	20.0	23,715	5.26	15.7	80	22	260	88
2DA3-060E	Cope – S-H	6	18.9	23,100	5.24	10.2	60	14.3	325	80
06DR725	Carlyle – S-H	6.5	23.9	25,183	5.2	15.7	80	22	310	152
2DB3-060E	Cope – S-H	6	19.8	24,600	5.32	13.3	80	18.6	325	80
3DA3-060E	Cope – S-H	6	22.9	27,800	5.23	13.7	77	16.8	385	125
06DR228	Carlyle – S-H	7.5	28.0	33,068	5.34	19.8	99	27.8	315	152
3DB3-075E	Cope – S-H	7.5	27.0	33,100	5.24	16.1	83	22	385	125
06DR337	Carlyle – S-H	10	37.1	44,406	5.3	22.1	114	31	325	152
3DF3-090E	Cope – S-H	9	31.9	40,200	5.3	16.9	106	23.4	385	125
3DS3-100E	Cope – S-H	10	35.3	45,700	5.3	18.6	106	26	385	125
4DA3-101E	Cope – S-H	10	39.7	47,200	5.2	22.6	110	31.9	450	135
06DR341(NEW)	Carlyle – S-H	10	40.9	52,500	4.7	22.1	114	31	325	152
06ER450	Carlyle – S-H	15	50.3	59,313	4.9	33.9	142	46	430	224
4DL3-150E	Cope – S-H	15	50.3	63,200	5.3	26.3	139	36.8	450	135
06CC550	Carlyle -2 stage	15	50.3	65,301	6	23	142	32	545	304
06ER465	Carlyle – S-H	20	68.0	72,414	5.2	35	173	49	480	304
4DT3-220E	Cope – S-H	22	60.0	75,600	5.4	33	187	45	450	135
06ER475	Carlyle – S-H	20	75.4	84,017	5	35	173	49	490	304
06CC665	Carlyle -2 stage	20	68.0	90,710	6.1	36	173	50	555	304
6DL3-270E	Cope – S-H	27	75.5	93,100	5.35	40.4	225	56.5	550	140
06ER399	Carlyle – S-H	30	99.0	108,765	4.8	52.1	253	73	500	304
06CC665	Carlyle -2 stage	20	75.4	102,505	6	36	173	50	555	304
6DT3-300E	Cope – S-H	30	90.1	105,000	5	47.8	235	66.9	550	255

LOW TEMPERATURE R-404A @ -25/105/65										
Model #	Mfg. – Type	HP	CFM	BTUH	EER	RLA	LRA	MCC	Ship WT., #	Oil Charge Ounces
R-404A Med. Temp.			@ +20/120/65 Amps for 460-3-60							
06DM313	Carlyle - S-H	5	13	34,766	7.73	9.6	50	13.5	235	72
2DC3-050E	Cope - S-H	5	11.9	34,566	7.73	10.4	60	14.6	325	80
06DM316	Carlyle - S-H	5	15.9	45,137	7.52	9.6	50	13.5	235	72
2DD3-050E	Cope - S-H	5	13.7	41,902	7.93	10.5	60	14.7	325	80
06DR820	Carlyle - S-H	6.5	20	66,370	8	15.7	80	22	260	88
2DL3-075E	Cope - S-H	7.5	16.8	51,775	7.86	13.8	85	19.4	325	80
2DA3-075E	Cope - S-H	7.5	18.9	60,106	7.94	14.1	85	19.7	325	80
06DR725	Carlyle - S-H	7.5	23.9	74,563	7.77	15.7	80	22	310	152
3DA3-075E	Cope - S-H	7.5	22.9	71,190	7.83	20	106	28	385	125
06DR228	Carlyle - S-H	7.5	28	91,387	7.8	19.8	99	27.8	315	152
3DB3-100E	Cope - S-H	10	27	84,700	7.68	20	106	28	385	125
3DF4A120E	Cope - S-H	12	31	104,514	7.58	23.6	138			
06DM337	Carlyle - S-H	10	37.1	113,663	7.3	22.1	114	31	325	152
3DS3-150E	Cope - S-H	15	35.3	115,741	7.58	29	138	40.6	385	125
06DM541	Carlyle - S-H	15	40.9	122,000E	6.9	28.6	120	40	330	152
06EM450	Carlyle - S-H	15	50.3	138,201	7.4	33.9	142	46	430	224
4DA3-200E	Cope - S-H	20	39.7	119,349	7.67	33	154	41.1	450	135
4DH3-250E	Cope - S-H	25	50.3	155,644	7.63	41.1	214	52.1	450	135
06EA565	Carlyle - S-H	25	68	184,925	7.5	45.7	223	64	485	304
4DJ3-300E	Cope - S-H	30	60	186,287	7.47	47	235	58.8	450	135
06EM475	Carlyle - S-H	25	75.4	216,038	7.7	45.7	223	64	490	304
6DH3-350E	Cope - S-H	35	75.4	235,730	7.6	53.5	283	75	550	140
06EM499	Carlyle - S-H	35	99	293,634	7.1	62.9	305	88	505	304
6DJ1-400E	Cope - S-H	40	90.1	277,929	7.32	70	315	??	560	140

Notes:

1. Carlyle & Copeland single stage is software data at 0° F subcooling.

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1. Carlyle & Copeland single stage is software data at 0° F subcooling.
2. Carlyle 06CC (2-stage) is software data at 40° F liquid temperature.

Source: Published ARI Rating data for Carlyle and Copeland compressors.