



# TECHNICAL SPECIFICATIONS

ARB AIR COMPRESSORS		SUPPLY VOLTAGE V	PERFORMANCE UNDER NO LOAD				PERFORMANCE UNDER LOAD					MAXIMUM LOAD			WEIGHT		WEIGHT		DIMENSIONS						AUTOMOTIVE CURRENT LOAD PROTECTION IN LOOM	AIR LOCKER SOLENOID MOUNTING MANIFOLD	PRESSURE CUTOFF SWITCH	DURABLE POLYPROPYLENE CARRY CASE	AIR FILTER EQUIPPED	6 METER [20 FT] TYRE INFLATION HOSE	THERMAL OVER-LOAD PROTECTED MOTOR	LOW HEAD SUBMERSIBLE
MODEL	DESCRIPTION		CURRENT DRAW A	AIR FLOW		CURRENT DRAW A	AIR FLOW		DUTY CYCLE (on time / off time)		CURRENT DRAW A	PRESSURE RATING		-compressor, included accessories, packaging		-compressor only		-when positioned vertically in the mounting bracket. -portable compressor sizes shown as carry case size.		HEIGHT	LENGTH		WIDTH									
				@ 0kPa lpm	@ 0PSI cfm		@ 200kPa lpm	@ 29PSI cfm	%	min/min		kPa	psi	kg	lb	kg	lb	mm	in		mm	in	mm	in								
<b>CKSA12</b>	COMPACT ON-BOARD	12	5.5	27.7	0.98	7.5	19.7	0.70	35	21/39	9.0	690	100	2.4	5.3	1.5	3.3	122	4.8	162	6.4	88	3.5	✗	✓	✓	✗	✓	✗	✗	✗	
<b>CKMA12</b>	HIGH OUTPUT ON-BOARD	12	14.2	87.2	3.08	25.2	65.9	2.34	50	30/30	32.0	690	100	4.5	9.9	3.5	7.7	145	5.7	190	7.5	98	3.9	✓	✓	✓	✗	✓	✗	✓	✓	
<b>CKMA24</b>	HIGH OUTPUT ON-BOARD	24	7.1	87.2	3.08	12.6	65.9	2.34	50	30/30	18.0	690	100	4.5	9.9	3.5	7.7	145	5.7	190	7.5	98	3.9	✓	✓	✓	✗	✓	✗	✓	✓	
<b>CKMP12</b>	HIGH OUTPUT PORTABLE	12	14.2	87.2	3.08	25.2	65.9	2.34	50	30/30	32.0	690	100	6.6	14.5	N/A	N/A	208	8.2	440	17.3	238	9.4	✓	✗	✓	✓	✓	✓	✓	✓	
<b>CKMB12A</b>	HIGH OUTPUT BASIC	12	14.2	87.2	3.08	25.2	65.9	2.34	50	30/30	34.3	1030	150	3.6	7.9	3.3	7.3	145	5.7	190	7.5	98	3.9	✗	✗	✗	✗	✗	✗	✓	✓	
<b>CKMB24A</b>	HIGH OUTPUT BASIC	24	7.1	87.2	3.08	12.6	65.9	2.34	50	30/30	17.2	1030	150	3.6	7.9	3.3	7.3	145	5.7	190	7.5	98	3.9	✗	✗	✗	✗	✗	✗	✓	✓	
<b>CKMTA12</b>	MAXIMUM PERFORMANCE ONBOARD	12	28.4	174.4	6.16	50.4	131.8	4.68	100	60/0	68.6	1030	150	8.8	19.4	7.9	17.4	105	4.1	278	10.9	190	7.5	✓	✗	✓	✗	✓	✗	✓	✓	
<b>CKMTA24</b>	MAXIMUM PERFORMANCE ONBOARD	24	14.2	174.4	6.16	25.2	131.8	4.68	100	60/0	34.3	1030	150	8.8	19.4	7.9	17.4	105	4.1	278	10.9	190	7.5	✓	✗	✓	✗	✓	✗	✓	✓	
<b>CKMTP12</b>	MAXIMUM PERFORMANCE PORTABLE	12	28.4	174.4	6.16	50.4	131.8	4.68	100	60/0	68.6	1030	150	15	33.0	N/A	N/A	186	7.3	478	18.8	355	14.0	✓	✗	✓	✓	✓	✓	✓	✓	
<b>CKMTP24</b>	MAXIMUM PERFORMANCE PORTABLE	24	14.2	174.4	6.16	25.2	131.8	4.68	100	60/0	34.3	1030	150	15	33.0	N/A	N/A	186	7.3	478	18.8	355	14.0	✓	✗	✓	✓	✓	✓	✓	✓	

1 Air locker solenoids can be fitted using optional manifold kit #171503

-All ARB Air Compressors are individually leak tested, pressure tested, current draw tested and flow tested under load at the factory before packaging.

-ARB Air Compressor pressure switches are specially designed to suit the working pressure range of an ARB Air Locker air operated locking differential.

-All specifications here are average nominal values recorded during factory testing, and these values may vary as materials technology and component design undergoes continuous improvement.