

Healthcare Components Group

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DENTAL COMPRESSOR PM CHECKLIST

For Oil-less Compressors

Refer to the owner's manual for specific safety information and PM Schedule.

WARNING: To avoid personal injury, do not perform these steps while compressor is running. Compressor head and connection tubing is hot during operation. Wait until unit and tubing are cool.

NOTE: For models with more than one compressor head, follow the same procedure(s) for each compressor head.

PREP

- 1) Remove power from the compressor by first turning the compressor off and then disconnecting the unit from the power source.
- 2) Bleed all the stored air from the system by opening the safety valve. **Note: A loud blast of air will occur when the safety valve is opened.** Make sure the tank pressure gauge reads 0 PSI once the air has been completely exhausted.
- 3) Using a stiff brush, clean between the cooling vanes and ribs on the compressor head and fan, removing any dust and debris. Wipe down the compressor, making note of any visible water stains and investigate potential causes.

FILTERS

- When replacing the <u>air intake filters</u>, always work on one element at a time. For air intake filters that are mounted inside
 the compressor head or housing, use a lint free cloth to clean out dust and debris that may be present. Once the air
 intake filters have been replaced, write the date on the PM Sticker(s) provided with each filter element and place on or
 near the air intake filter assembly.
- When replacing the <u>particle</u>, <u>coalescing or carbon filter elements</u>, always work on one element at a time. Elements with downward hanging bowls should be removed slowly as they may be full of water. Once the bowl is removed, unscrew the used element, replace with new element, and check the float for proper function. Replace the **Bowl O-ring** included in this Kit before reinstalling the bowl. Once the elements have been replaced, write the date on the PM Sticker(s) included in this Kit and place in an easily visible location on or near the filter assembly.
- Inspect purge mufflers and exhaust silencers. Replace as needed.

INSPECT & CLEAN

- Empty the collection bottle or bucket and replace as needed. Check the tubing that runs to the bottle or bucket for any twists, kinks or damage and replace if necessary.
- Clean and wipe down the compressor, removing any spills or hand prints.
- Reconnect power to the compressor and turn the unit on.

FINAL CHECKS

- Watch and listen as the compressor pumps the holding tank back up to capacity (~100 PSI), checking for any air leaks. Make sure the pressure switch turns the compressor off at ~100 PSI.
- Bleed off air and make sure compressor turns back on at ~80 PSI and off again at ~100 PSI. Run several cycles to confirm the pressure switch is functioning properly.
- Check the condition of the Moisture Indicator. For dry air, the color must be blue; pink means that the desiccant drying chamber must be serviced or replaced. Consult the label on the moisture indicator to evaluate moisture content.
- Write the HCG/RPI PM Kit Number and date on the PM Sticker included in this Kit and place in an easily visible location on the compressor.

H G∣ <mark>rp</mark> i		OIL-LESS					F	RPI	P	ar	ts	In	cl	uc	le	d	ln	Р	M	K	its	;		
			Air Intake Filter Elements												C	oal			and I Elem		icula s	te		Tip Seal Kit
		COMPRESSOR PM KITS	90	290	969	72	83	88	213	375	295	967	365	043	4 6	3 2	7 6	5.0	3 6	9	227	28	027	287
HCG/RPI Part #	OEM Part #	Models	CME004	CME067	CME071	CME074	CME	CME288	CMF013	S MF	CMF295	CMF296	CMK	CME043	CME044	בו בו	CMETON	N N	CME107	CME110	CME227	CME228	CMK027	CMK287
A-DEC CMK293	A0050	SC3, SC5 & SC7									1	1												
CMK293	A0050 A0150	SC10 & SC12	H								1	2	-											
	ECHNIQUES																							
CMK141	87351	AirStar 10M, 10NEO & 12M	┡										1			1	1 1		-					
CMK142 CMK199	87352 87355	AirStar 21M, 21NEO, 22M, 22NEO, 30M & 30NEO AirStar 40M & 40NEO	H										2			1		-						
CMK143	87353	AirStar 50M & 50NEO	Т										4			1	1							
CMK144	87354	AirStar 70M & 70NEO											6			2								
CMK278	87356 LO/MIDMAR	AirStar 100M											8			2	2 2							
CMK170	ACA85403 & ACA85417	AOCOS11/D/DQ/Q, 12/D/DQ/Q, 21/D/DQ/Q, 22/D/DQ/Q, AOCRT21DQ/Q, AOCRT22DQ/Q & R22 (with 10 gal tank)	2																			1		
CMK171	ACA85404	AOCOS31/D/DQ/Q, 32/D/DQ/Q, 42/D/DQ/Q, AOCOT32/D/DQ/Q & 42/D/DQ/Q	4										1										1	
CMK172	ACA85406	AOCOT62/D/DQ/Q & 82/D/DQ/Q	8																				1	
CMK270	No OEM Part # Available	AOCRS11 & AOCRS12 (Manufactured before Apollo was acquired by Midmark)	1					1							1									
CMK271 CMK273	No OEM Part # Available ACA85418	AOCRS11 & AOCRS12 (Manufactured after Apollo was acquired by Midmark) AOCRR42DQ, R42 & R22 (with 20, 30, or 40 gal tank)	3																				1	
CMK274 ¹	ACA85415	AOCOS52, AOCOS52D					1						1										1	
CMK2861	ACA85416	AOCOS52, AOCOS52D					1																1	1
DENTA CMK076 ²		OM AIR/JUN-AIR/RAMVAC		0										1	1									
CMK0/6 ² CMK092 ²	004016 004015	1013D, 1023D, 1025D & 1027D 1022	₽	1									-	1	1				-					
CMK101 ²	004017	1022 1029T	Н	3									1	•	1									
CMK145	65468179	CA-812, 822, 912 & 922	Т			1							T					2						
CMK146	65468180	CA-813-D & 823-D (SN 440537 and below)							2	_								2	_					
CMK147	65468186	CA-813/D, 823/D, 913 & 923 (SN 440538 - 631602)	┺							4			_					2	_					
CMK191 CMK148	004444 65468181	CA-813/D, 823/D, 913 & 923 (SN 631603 and above) CA-825/D/Q & 925/D (SN 631602 and below)	₽			2				4			-					2	2					
CMK192	004445	CA-825/D/Q & 925/D (SN 631602 and below) CA-825/D/Q & 925/D (SN 631603 and above)	Н			2							1						2					
CMK149	65468182	CA-827-D & 927-D (SN 631602 and below)	Г			3												2	_					
CMK193	004446	CA-827-D & 927-D (SN 631603 and above)				3	_												2					
CMK150 CMK194	65468183 004449	CA-829-D & 929-D (SN 631602 and below) CA-829-D & 929-D (SN 631603 and above)	Н			4	_						-					2	2					
CMK151	65468184	CA-8212-T (SN 631602 and below)	Н			6	_						-					2	_					
CMK195	004447	CA-8212-T (SN 631603 and above)				6	_												2					
CMK223	005147SP	Osprey 13, Osprey 22, & Osprey 23	┖	2		_							_						┶			1		
CMK226 CMK224	005350SP 005148SP	Osprey 24 Osprey 25	₽	3									-						+		1	1		
CMK225	005146SP	Osprey 28	Н	6									-								1	1		
	X/MIDMARK																							
CMK161	No OEM Part # Available		Е					_	3										oxdot			1		
CMK162 CMK163	No OEM Part # Available No OEM Part # Available		₽					_	5 6				-						+			1	_	
CMK164	No OEM Part # Available		Н		2)							-									1		
CMK165	No OEM Part # Available	· · · · · · · · · · · · · · · · · · ·			4	l I													$oxed{ extbf{ ex}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}$			1	_	
CMK166	No OEM Part # Available	OL-10 & 6000	Ц		6	5													Ь			1		
MIDM A CMK155	ARK ° 77001636	P21 & P22	2																				1	
CMK198	77001636	P32	3																				1	
CMK156	77001610	P52	Ĺ		4																		1	
CMK157	77001611	P72	Ĺ		6	5							4										1	
CMK274 ¹ CMK286 ¹	ACA85415 ACA85416	\$52 \$52					1						_										1	1
	N & CRANE		b																					
CMK290	057328	PCAir3						2						1	1									
CMK291	057329	PCAir5						3						1	1									
CMK292	057330	PCAir7						4						1	1									
TECH CMK174	CSKO-1	ACO2S1/ND & ACO2S2/ND (2005 and earlier)		2																			1	
CMK175	CSKO-1P	ACO2S1/ND & ACO2S2/ND (2006 and later) ACO2S1/ND & ACO2S2/ND (2006 and later)	Г	2									7							1				
CMK176	CSKO-2	ACO4S2/ND & ACO4D2/ND (2005 and earlier)		4																			1	
CMK177	CSKO-2P	ACOST2(ND goos de l'a)		4																1			1	
CMK178 CMK179	CSKO-3P	ACO6T2/ND (2005 and earlier) ACO6T2/ND (2006 and later)	H	6									-						F	1				
CMK275	No OEM Part # Available	ACOR12/ND (2006 and later) ACOR2D1, ACOR2D1Q, ACOR2D2, ACOR2D2Q, ACOR3T2 & ACOR3T2Q	t	1																1				
CMK277	No OEM Part # Available				1								_						Ī	1				
Footnotes: 1	This Kit only fits Con	npressors that have been upgraded with the RPI Air Intake Upgrade Kit (Ro	und S	tyle H	Housin	g) (H	CG/F	RPI Par	t #CN	1K280)) ² F	its o	nly [Dental	EZ/C	usto	m Ai	r/Ra	mVac	c Cor	npres	sors		