



CompAir

by Gardner Denver

Service Schedules & Service Kits

Oil Lubricated Screw

Oil Free Screw

Downstream



ASSURE Service Schedules

The following service schedules apply to Standard Warranty as well as ASSURE & PureCARE Extended Warranty Programmes



Always use Genuine Parts and Lubricants to ensure maximum efficiency and protection

L-series 02-05 Service Schedule

									
			Daily ²	Every 500 hours	Every 2000 hours or 12 months ¹	Every 4000 hours or 12 months ¹	Every 8000 hours or 48 months ¹	Every 12000 hours or 72 months ¹	Every 16000 hours or 72 months ¹
A	AIRBASIC Controller	Check fault indicator lights and alarms	•	•	•	•	•	•	•
	Condensate Drain and Strainer	Check autom. Condensate discharger	•	•	•	•	•	•	•
	Air Tank	Discharge oil separator condensate	•	•	•	•	•	•	•
	Oil System	Check oil level	•	•	•	•	•	•	•
Service B	Oil System	Check oil leaks		•	•	•	•	•	•
	General	Clean inside compressor		•	•	•	•	•	•
	Air Filter	Clean air filter		•	•	•	•	•	•
	Drive Belts	Check belt tension		•	•	•	•	•	•
Service C	Electrical Wiring	Check connections and condition		•	•	•	•	•	•
	Oil Filter	Renew oil filter element			•	•	•	•	•
	Air Filter	Renew air filter element			•	•	•	•	•
	Separator Filter	Replace oil separator cartridges			•	•	•	•	•
	Oil System	Renew oil (Mineral SCWO-BG2 or Foodgrade SCFG4000)			•	•	•	•	•
	Oil System	Renew oil (Synthetic Complube 8000)				•	•	•	•
	Relief Valve	Check operation of pressure relief valve			•	•	•	•	•
	General	Clean recovery nozzle			•	•	•	•	•
	Aftercooler/Oil Cooler	Clean cooler externally			•	•	•	•	•
	Oil System	Clean oil return line			•	•	•	•	•
Service E	Valves	Thermostatic valve KIT					•		•
	Valves	Non Return Valve					•		•
	Gaskets	Tank cap gasket					•		•
	Valves	Change safety valve					•		•
Additional	Drive Belts	Replace the belts and check drive pulleys, replace if worn out					•		•
	Valves	Change safety valve					•		•
	Valves	Suction valve KIT					•		•
	Inlet valve	Replace seal kits of inlet valve						•	
	Oil Hoses	Replace oil hoses						•	
	Drive Motor	Check and re-tighten main motor cables						•	
	Air End	Replace shaft seal kit							•
	Air End	Replace Air End							
			Predictive - only when required						

¹ Whichever occurs soonest

² Normally undertaken by end user through visual check

Inspection of the pressure vessel in accordance with local guidelines

Where the compressor is part of an integrated unit, please refer to the separate dryer manual for any dryer related service tasks. Receiver certification beyond the initial period is the customers responsibility.

Please refer to the Operators handbook if there are specific local service requirements relevant to the territory you are in e.g. Oil and Filter change intervals which may be different to those shown above.

Service intervals could be shorter depending on the ambient operating conditions (heat, humidity, dirt etc.), effecting Lubricants, filters, separators etc.

L-Series L07-L22 Service Schedule

			Daily ²	Weekly ²	Every 2000 hours or 12 months ¹	Every 4000 hours or 12 months ¹	Every 8000 hours or 24 months ¹	Every 12000 hours or 36 months ¹	Every 24000 hours or 72 months ¹	Every 36000 hours or 96 months ¹	Every 48000 hours or 144 months ¹
Service A	Delcos Controller	Note and record sump pressure	•	•	•	•	•	•	•	•	•
	Delcos Controller	Note and record discharge pressure	•	•	•	•	•	•	•	•	•
	Delcos Controller	Note and record discharge temperature	•	•	•	•	•	•	•	•	•
	Enclosure Filters	Check condition, clean if required	•	•	•	•	•	•	•	•	•
	Scavenge oil system	Check operation	•	•	•	•	•	•	•	•	•
Service B	Delcos Controller	Check fault history		•	•	•	•	•	•	•	•
	Delcos Controller	Check for any service requirements		•	•	•	•	•	•	•	•
	Oil System	Check oil level and top up if required		•	•	•	•	•	•	•	•
	Aftercooler/Oil Cooler	Check condition, clean if required		•	•	•	•	•	•	•	•
Service C	Oil Filter	Renew oil filter element			•	•	•	•	•	•	•
	Air Filter	Renew air filter element			•	•	•	•	•	•	•
	Dryer Cooling Air Inlet Filter ³	Renew cooling air inlet filter			•	•	•	•	•	•	•
	Control System	Check operation			•	•	•	•	•	•	•
	Blowdown System	Check operation			•	•	•	•	•	•	•
	Electrical Wiring	Check connections and condition			•	•	•	•	•	•	•
	Delcos Controller	Check connections and plugs			•	•	•	•	•	•	•
Service D	Oil System	Renew oil (Mineral SCWO-BG2) or Foodgrade				•	•	•	•	•	•
	Separator Filter	Renew separator filter				•	•	•	•	•	•
	Oil Scavenge System	Clean and check operation				•	•	•	•	•	•
	Relief Valve	Functionally test				•	•	•	•	•	•
	Drive Belts ³	Check condition of belts and renew if required				•	•	•	•	•	•
Service E	Oil System ⁵	Renew oil (Synthetic Complube 8000)					•		•		•
	Minimum Pressure Valve	Renew minimum pressure valve					•		•		•
	Intake Valve	Overhaul intake valve					•		•		•
	Emergency Stop Button	Test emergency stop button					•		•		•
	VSD Drive/Starter	Check condition of contacts and renew if required					•		•		•
Additional Services	Air End	Renew air end shaft seal							•		•
	Shaft Seal Oil Return Tube	Renew shaft seal oil return tube							•		•
	Oil Hoses	Check condition and renew if required					•	•	•	•	•
	Control Solenoids	Renew control solenoids					•	•	•	•	•
	Drive Belts	Renew drive belts					•	•	•	•	•
	Drive Motor Bearings	Renew drive motor bearings						•			•
	Drive Motor AVM's	Check drive motor Anti Vibration Mounts						•			•
	Air End Discharge Temperature Sensor	Renew temperature sensor								•	
	Oil Bypass Element	Renew oil bypass element								•	
	Air End AVM's	Check air end Anti Vibration Mounts									•
	Air End	Renew Air End									•

Predictive - only when required

¹ Whichever occurs soonest

² Normally undertaken by end user through visual check

³ If applicable

⁵ Synthetic oil must be analysed using the special analysis kit every 2000 hours or less. Non adherence will invalidate your extended warranty

Inspection of the pressure vessel in accordance with local guidelines

Where the compressor is part of an integrated unit, please refer to the separate dryer manual for any dryer related service tasks. Receiver certification beyond the initial period is the customers responsibility.

Please refer to the Operators handbook if there are specific local service requirements relevant to the territory you are in e.g. Oil and Filter change intervals which may be different to those shown above.

Service intervals could be shorter depending on the ambient operating conditions (heat, humidity, dirt etc.), effecting Lubricants, filters, separators etc.

L-Series L23-L29 Service Schedule

			Daily ²	Weekly ²	Every 2000 hours or 12 months ¹	Every 4000 hours or 12 months ¹	Every 8000 hours or 24 months ¹	Every 12000 hours or 36 months ¹	Every 24000 hours or 72 months ¹	Every 36000 hours or 96 months ¹	Every 48000 hours or 144 months ¹
Service A	Delcos Controller	Note and record sump pressure	•	•		•	•	•	•	•	•
	Delcos Controller	Note and record discharge pressure	•	•		•	•	•	•	•	•
	Delcos Controller	Note and record discharge temperature	•	•		•	•	•	•	•	•
	Enclosure Filters	Check condition, clean if required	•	•		•	•	•	•	•	•
	Scavenge oil system	Check operation	•	•		•	•	•	•	•	•
Service B	Delcos Controller	Check fault history		•		•	•	•	•	•	•
	Delcos Controller	Check for any service requirements		•		•	•	•	•	•	•
	Oil System	Check oil level and top up if required		•		•	•	•	•	•	•
	Aftercooler/Oil Cooler	Check condition, clean if required		•		•	•	•	•	•	•
Service D	Oil Filter	Renew oil filter element				•	•	•	•	•	•
	Air Filter	Renew air filter element				•	•	•	•	•	•
	Dryer Cooling Air Inlet Filter ³	Renew cooling air inlet filter				•	•	•	•	•	•
	Oil System	Renew oil (Mineral SCWO-BG2) or Foodgrade				•	•	•	•	•	•
	Separator Filter	Renew separator filter				•	•	•	•	•	•
	Pipe work	Replace Victaulic Couplings				•	•	•	•	•	•
	Control System	Check operation				•	•	•	•	•	•
	Blowdown System	Check operation				•	•	•	•	•	•
	Electrical Wiring	Check connections and condition				•	•	•	•	•	•
	Delcos Controller	Check connections and plugs				•	•	•	•	•	•
	Oil Scavenge System	Clean and check operation				•	•	•	•	•	•
	Relief Valve	Functionally test				•	•	•	•	•	•
	Oil System ⁵	Renew oil (Synthetic Complube 8000)				•	•	•	•	•	•
	Minimum Pressure Valve	Renew minimum pressure valve				•	•	•	•	•	•
Service E	Intake Valve	Overhaul intake valve				•	•	•	•	•	•
	Emergency Stop Button	Test emergency stop button				•	•	•	•	•	•
	VSD Drive/Starter ³	Check condition of contacts and renew if required				•	•	•	•	•	•
	Oil Scavenge System	Renew oil scavenge tubing				•	•	•	•	•	•
	Air End	Renew air end shaft seal				•	•	•	•	•	•
Additional	Shaft Seal Oil Return Tube	Renew shaft seal oil return tube					•	•	•	•	•
	Oil Hoses	Check condition and renew if required					•	•	•	•	•
	Control Solenoids	Renew control solenoids					•	•	•	•	•
	Drive Motor Bearings	Renew drive motor bearings					•	•	•	•	•
	Drive Motor AVM's	Check drive motor Anti Vibration Mounts					•	•	•	•	•
	Air End Discharge Temperature Sensor	Renew temperature sensor						•	•	•	•
	Oil Bypass Element	Renew oil bypass element						•	•	•	•
	Air End AVM's	Check air end Anti Vibration Mounts							•	•	•
	Air End	Renew Air End								•	•
			Predictive - only when required								

¹ Whichever occurs soonest

² Normally undertaken by end user through visual check or via iConn remote monitoring where available

³ If applicable

⁵ Synthetic oil must be analysed using the special analysis kit every 2000 hours or less. Non adherence will invalidate your extended warranty

Inspection of the pressure vessel in accordance with local guidelines

Where the compressor is part of an integrated unit, please refer to the separate dryer manual for any dryer related service tasks. Receiver certification beyond the initial period is the customers responsibility.

Please refer to the Operators handbook if there are specific local service requirements relevant to the territory you are in e.g. Oil and Filter change intervals which may be different to those shown above.

Service intervals could be shorter depending on the ambient operating conditions (heat, humidity, dirt etc.), effecting Lubricants, filters, separators etc.

L-Series L30-L140 Service Schedule

			Daily ²	Weekly ²	Every 2000 hours or 12 months ¹	Every 4000 hours or 12 months ¹	Every 8000 hours or 24 months ¹	Every 12000 hours or 36 months ¹	Every 24000 hours or 72 months ¹	Every 36000 hours or 96 months ¹	Every 48000 hours or 144 months ¹
Service A	Delcos Controller	Note and record sump pressure	•	•	•	•	•	•	•	•	•
	Delcos Controller	Note and record discharge pressure	•	•	•	•	•	•	•	•	•
	Delcos Controller	Note and record discharge temperature	•	•	•	•	•	•	•	•	•
	Enclosure Filters	Check condition, clean if required	•	•	•	•	•	•	•	•	•
	Scavenge oil system	Check operation	•	•	•	•	•	•	•	•	•
	Water cooling system ⁴	Check water flow	•	•	•	•	•	•	•	•	•
Service B	Delcos Controller	Check fault history		•	•	•	•	•	•	•	•
	Delcos Controller	Check for any service requirements		•	•	•	•	•	•	•	•
	Oil System	Check oil level and top up if required		•	•	•	•	•	•	•	•
	Aftercooler/Oil Cooler	Check condition, clean if required		•	•	•	•	•	•	•	•
	Reclaimer Vessel	Drain Condensate		•	•	•	•	•	•	•	•
Service C	Oil Filter	Renew oil filter element			•	•	•	•	•	•	•
	Air Filter	Renew air filter element			•	•	•	•	•	•	•
	Dryer Cooling Air Inlet Filter ³	Renew cooling air inlet filter			•	•	•	•	•	•	•
	Control System	Check operation			•	•	•	•	•	•	•
	Blowdown System	Check operation			•	•	•	•	•	•	•
	Electrical Wiring	Check connections and condition			•	•	•	•	•	•	•
	Delcos Controller	Check connections and plugs			•	•	•	•	•	•	•
	Inlet Water Strainer ⁴	Check condition, clean if required			•	•	•	•	•	•	•
	Oil System	Renew oil (Mineral SCWO-BG2 or Foodgrade SCFG4000)				•	•	•	•	•	•
Service D	Separator Filter	Renew separator filter				•	•	•	•	•	•
	Pipe work	Replace Victaulic Couplings				•	•	•	•	•	•
	Oil Scavenge System	Clean and check operation				•	•	•	•	•	•
	Relief Valve	Functionally test				•	•	•	•	•	•
	Motor Lubrication ³	Renew motor lubrication cartridges				•	•	•	•	•	•
	Oil System ⁵	Renew oil (Synthetic Complube 8000)				•	•	•	•	•	•
Service E	Minimum Pressure Valve	Renew minimum pressure valve				•	•	•	•	•	•
	Intake Valve	Overhaul intake valve				•	•	•	•	•	•
	Emergency Stop Button	Test emergency stop button				•	•	•	•	•	•
	VSD Drive/Starter	Check condition of contacts and renew if required				•	•	•	•	•	•
	Oil Scavenge System	Renew oil scavenge tubing				•	•	•	•	•	•
	Motor Drive Coupling Insert	Check condition and renew if required				•	•	•	•	•	•
	Air End	Renew air end shaft seal						•	•	•	•
Additional	Shaft Seal Oil Return Tube	Renew shaft seal oil return tube						•	•	•	•
	Oil Hoses	Check condition and renew if required					•	•	•	•	•
	Control Solenoids	Renew control solenoids					•	•	•	•	•
	Drive Motor Bearings	Renew drive motor bearings						•	•	•	•
	Drive Motor AVM's	Check drive motor Anti Vibration Mounts						•	•	•	•
	Air End Discharge Temperature Sensor	Renew temperature sensor								•	•
	Oil Bypass Element	Renew oil bypass element								•	•
	Air End AVM's	Check air end Anti Vibration Mounts									•
	Air End	Renew Air End									•
			Predictive - only when required								

¹ Whichever occurs soonest

² Normally undertaken by end user through visual check or via iConn remote monitoring where available

³ If applicable

⁴ Water-Cooled units only

⁵ Synthetic oil must be analysed using the special analysis kit every 2000 hours or less. Non adherence will invalidate your extended warranty

Inspection of the pressure vessel in accordance with local guidelines

Where the compressor is part of an integrated unit, please refer to the separate dryer manual for any dryer related service tasks. Receiver certification beyond the initial period is the customers responsibility.

Please refer to the Operators handbook if there are specific local service requirements relevant to the territory you are in e.g. Oil and Filter change intervals which may be different to those shown above.

Service intervals could be shorter depending on the ambient operating conditions (heat, humidity, dirt etc.), effecting Lubricants, filters, separators etc.

L-Series L160-L290 Service Schedule

 			Daily ²	Weekly ²	Every 2000 hours or 12 months ¹	Every 4000 hours or 12 months ¹	Every 8000 hours or 24 months ¹	Every 12000 hours or 36 months ¹	Every 24000 hours or 72 months ¹	Every 36000 hours or 96 months ¹	Every 48000 hours or 144 months ¹
Service A	Delcos Controller	Note and record sump pressure	•	•	•	•	•	•	•	•	•
	Delcos Controller	Note and record discharge pressure	•	•	•	•	•	•	•	•	•
	Delcos Controller	Note and record discharge temperature	•	•	•	•	•	•	•	•	•
	Enclosure Filters	Check condition, clean if required	•	•	•	•	•	•	•	•	•
	Scavenge oil system	Check operation	•	•	•	•	•	•	•	•	•
	Water cooling system ⁴	Check water flow	•	•	•	•	•	•	•	•	•
Service B	Delcos Controller	Check fault history		•	•	•	•	•	•	•	•
	Delcos Controller	Check for any service requirements		•	•	•	•	•	•	•	•
	Oil System	Check oil level and top up if required		•	•	•	•	•	•	•	•
	Aftercooler/Oil Cooler	Check condition, clean if required		•	•	•	•	•	•	•	•
Service C	Reclaimer Vessel	Drain Condensate		•	•	•	•	•	•	•	•
	Oil Filter	Renew oil filter element			•	•	•	•	•	•	•
	Air Filter	Renew air filter element			•	•	•	•	•	•	•
	Dryer Cooling Air Inlet Filter ³	Renew cooling air inlet filter			•	•	•	•	•	•	•
	Motor Lubrication	Renew motor lubrication cartridges			•	•	•	•	•	•	•
	Control System	Check operation			•	•	•	•	•	•	•
	Blowdown System	Check operation			•	•	•	•	•	•	•
	Electrical Wiring	Check connections and condition			•	•	•	•	•	•	•
	Delcos Controller	Check connections and plugs			•	•	•	•	•	•	•
Service D	Inlet Water Strainer ⁴	Check condition, clean if required			•	•	•	•	•	•	•
	Oil System	Renew oil (Mineral SCWO-BG2 or Foodgrade SCFG4000)				•	•	•	•	•	•
	Separator Filter	Renew separator filter				•	•	•	•	•	•
	Electrical Cabinet	Replace filter pads				•	•	•	•	•	•
	Oil Scavenge System	Clean and check operation				•	•	•	•	•	•
	Relief Valve	Functionally test				•	•	•	•	•	•
	Pipe work	Replace Victaulic Couplings				•	•	•	•	•	•
Service E	Drive Belts ³	Check condition of belts and renew if required				•	•	•	•	•	•
	Oil System ⁵	Renew oil (Synthetic Complube 8000)					•		•		•
	Minimum Pressure Valve	Renew minimum pressure valve					•		•		•
	Intake Valve	Overhaul intake valve					•		•		•
	Emergency Stop Button	Test emergency stop button					•		•		•
	VSD Drive/Starter	Check condition of contacts and renew if required					•		•		•
	Oil Scavenge System	Renew oil scavenge tubing					•		•		•
Additional	Motor Drive Coupling Insert	Check condition and renew if required					•		•		•
	Air End	Renew air end shaft seal							•		•
	Shaft Seal Oil Return Tube	Renew shaft seal oil return tube							•		•
	Oil Hoses	Check condition and renew if required						•	•	•	•
	Control Solenoids	Renew control solenoids						•	•	•	•
	Drive Belts ³	Renew drive belts						•	•	•	
	Drive Motor Bearings	Renew drive motor bearings							•		
	Drive Motor AVM's	Check drive motor Anti Vibration Mounts							•		
	Air End Discharge Temperature Sensor	Renew temperature sensor								•	
	Oil Bypass Element	Renew oil bypass element								•	
	Air End AVM's	Check air end Anti Vibration Mounts									•
	Air End	Renew Air End	Predictive - only when required								

Predictive - only when required

¹ Whichever occurs soonest

² Normally undertaken by end user through visual check or via iConn remote monitoring where available

³ If applicable

⁴ Water-Cooled units only

⁵ Synthetic oil must be analysed using the special analysis kit every 2000 hours or less. Non adherence will invalidate your extended warranty

Inspection of the pressure vessel in accordance with local guidelines

Where the compressor is part of an integrated unit, please refer to the separate dryer manual for any dryer related service tasks. Receiver certification beyond the initial period is the customers responsibility.

Please refer to the Operators handbook if there are specific local service requirements relevant to the territory you are in e.g. Oil and Filter change intervals which may be different to those shown above.

Service intervals could be shorter depending on the ambient operating conditions (heat, humidity, dirt etc.), effecting Lubricants, filters, separators etc.

Compressor Service Kits

Service Kits Oil Lubricated Screw Compressors					
		Every 2000 hours or 6 m onths ¹	Every 4000 hours or 12 months ¹	Every 8000 hours or 24 months ¹	Additional kits
L02-L05 (V2)	Fixed Speed	CK2302-1-KA	CC1033626	CK6300-1-KA	
L07-L11 (V2)	Fixed Speed	CK2076-1	A10533574	CK8076-2	EK218-1 EK423-1/EK424-1
	Regulated Speed	CK2076-1	CK4076-335-RS	CK8076-2	
L15-L22 (V2)	Fixed Speed	CK2100-1	A10525274	CK8100-2	EK216-1 EK420-1/EK422-1
	Regulated Speed	CK2100-1	CK4100-252-RS	CK8100-2	
L23-L29 (V1)	Fixed Speed		CK4122-2	CK8122-1	
	Regulated Speed		CK4122-2-RS	CK8122-1	
L30-L50 (V2)	Fixed Speed	CK2140-1	CK4140-1	CK8140-1	EK212-1 EK425-1/ EK426-1
	Regulated Speed	CK2140-1	CK4140-1-RS	CK8140-1	
L30-45 (E) (V3) <i>(Standard service kit)</i>	Fixed Speed	CK2140-2	CK4140-2	CK81140-1	EK212-2 EK425-1/ EK426-1
	Regulated Speed	CK2140-2	CK4140-2-RS	CK81140-1	
L30-45 (E) (V3) <i>(Extended service kit)</i>	Fixed Speed		CK4140-3	CK81140-1	EK212-2 EK425-1/ EK426-1
	Regulated Speed		CK4140-3-RS	CK81140-1	
L55-L80 (V2)	Fixed Speed	CK2175-1	CK4175-2	CK8175-1	EK429-1 EK427-1/EK428-1
	Regulated Speed	CK2175-1	CK4175-2-RS	CK8175-1	
L90-L132 (V3)	Fixed Speed	CK2230-1	CK4230-1	CK8230-4	EK212-1 EK460-1/EK431-1
	Regulated Speed	CK2230-1	CK4230-1-RS	CK8230-4	
L140 (V3)	Fixed Speed	CK2290-4	CK4230-1	CK8290-3	
L160-L290 (V2)	Fixed Speed	CK2290-5	CK4290-1	CK8290-4	
	Regulated Speed	CK2290-5	CK4290-1-RS	CK8290-4	
Only the following lubricants are allowed to be used to comply with Assure: • Mineral lubricant Fluid Force Warranty (SCW0BG2 - 5/20/209) • Synthetic Lubricant CompLube 8000 (28H388 / 28H370) • Food Grade Lubricant Fluid Force Food Grade (SCFG4000-20(N))					

¹ Maintenance time intervals are based on operating hours or calendar date, whichever occurs first.

For a 4000 hour service, you need 2 kits, the 2000 + 4000 hour kit

For a 8000 hour service, you need 3 kits, the 2000 + 4000 + 8000 hour kit

To comply with the terms and conditions of ASSURE, complete kits must be used for services. All parts must be replaced. Purchase and use of selective parts instead of the whole kit is not permitted and will invalidate the (extended) warranty.

Note: Service kits are for the current builds for 2017 only. For older models please consult the part manuals.

CompAir will not accept any responsibility for changes made to service kit numbers, prior to updating this document.

For belts, hoses, shaft seal kits and all other repair spare parts please consult the relevant parts lists

Gardner Denver

Gardner
Denver

DH 15-110 Water Injected Compressors Service Schedule

			Daily ²	Weekly ²	Every 4000 hours or 6 months ¹	Every 8000 hours or 12 months ¹	Every 16000 hours or 24 months ¹	Every 24000 hours or 36 months ¹	Every 32000 hours or 48 months ¹
Service A	Delcos Controller	Note and record sump pressure	•	•	•	•	•	•	•
	Delcos Controller	Note and record discharge pressure	•	•	•	•	•	•	•
	Delcos Controller	Note and record discharge temperature	•	•	•	•	•	•	•
	Enclosure and VSD Filters	Check condition, clean if required	•	•	•	•	•	•	•
	Water cooling system	Check water flow	•	•	•	•	•	•	•
Service B	Delcos Controller	Check fault history		•	•	•	•	•	•
	Delcos Controller	Check for any service requirements		•	•	•	•	•	•
	Water Cooler	Check condition, clean if required		•	•	•	•	•	•
Service C	Air Filter & VSD Filter Mat	Renew air filter element & VSD filter mat			•	•	•	•	•
	Water Injection Filter Element (s)	Renew water injection filter (s)			•	•	•	•	•
	Water Treatment Pre-Filter Element	Renew water treatment pre-filter element			•	•	•	•	•
	Air End Bearing Scavenge Filter	Renew air end bearing scavenge filter			•	•	•	•	•
	Water Sampling	Take airend injection water sample and analysis			•	•	•	•	•
	RO Water Storage Tank	Check Internal Pressure			•	•	•	•	•
	Air End	Carry out visual inspection of air end internals			•	•	•	•	•
	Air End Gate Rotors	Check gate rotor clearances			•	•	•	•	•
	Air End Bearing Scavenge System	Clean and check vacuum and adjust if required			•	•	•	•	•
	Control System	Check operation			•	•	•	•	•
	Blowdown System	Check operation			•	•	•	•	•
	Electrical Wiring	Check connections and condition			•	•	•	•	•
	Delcos Controller	Check connections and plugs			•	•	•	•	•
	Inlet Water Strainer	Check condition, clean if required			•	•	•	•	•
Service D	Control Solenoids	Renew control solenoids				•	•	•	•
	Minimum Pressure Valve	Renew minimum pressure valve				•	•	•	•
	Intake Valve (D15H-D37H)	Overhaul intake valve				•	•	•	•
	Water Level Sensor	Clean and check operation				•	•	•	•
	Emergency Stop Button	Test emergency stop button				•	•	•	•
	VSD Drive/Starter	Check condition of contacts and renew if required				•	•	•	•
	Relief Valve	Functionally test				•	•	•	•
Service E	Post Filter	Renew post filter element					•		•
	RO Permeate Pump	Renew permeate pump					•		•
	Water Drain Solenoid	Renew water drain solenoid body					•		•
	Water Make Up Solenoid	Renew water make up solenoid					•		•
	Water Stop Valve	Overhaul water stop valve					•		•
	Enclosure Filters	Renew enclosure filters					•		•
Additional	Drive Motor Bearings	Renew drive motor bearings						•	
	Drive Motor AVM's	Check drive motor Anti Vibration Mounts						•	
	Air End Discharge Temperature Sensor	Renew temperature sensor							•
	Air End ⁴	Renew airend							•
	Air End AVM's	Renew Anti Vibration Mounts							

¹ Whichever occurs soonest

² Normally undertaken by end user through visual check or via IConn remote monitoring where available

³ Water-cooled units only

⁴ The performance of the airend depends on the water quality. It is possible that performance loss can occur due to the water available in your area. Regular monitoring of the performance is recommended. If performance loss is evident we recommend to replace the airend earlier than indicated in the above table. This is not covered by PureCARE warranty.

Inspection of the pressure vessel in accordance with local guidelines.

Where the compressor is part of an integrated unit, please refer to the separate dryer manual for any dryer related service tasks. Receiver certification beyond the initial period is the customers responsibility.

Please refer to the Operators handbook if there are specific local service requirements relevant to the territory you are in e.g. Filter change intervals which may be different to those shown above.

Service intervals could be shorter depending on the ambient operating conditions (heat, humidity, dirt etc.), effecting Lubricants, filters, separators etc.

Quantima Q43 - Q52 Ti Service Schedule

			 					
			Weekly ²	Every 4000 hours or 6 months ¹	Every 8000 hours or 12 months ¹	Every 16000 hours or 24 months ¹	Every 4 Years	Predictive - Consult controller
Service A	Q-Master controller	Check Temperatures and Pressures	•	•	•	•		
	Q-Master controller	Check Fault history	•	•	•	•		
	Cabinet Pre-Filters	Check condition of filters and clean if necessary	•	•	•	•		
	Control Cabinet Filters	Check condition of filters and clean if necessary	•	•	•	•		
	Condensate Drains	Check operation	•	•	•	•		
Service C	Control Cabinet Filters	Replace electrical cabinet filters		•	•	•		
	Cabinet Pre-Filters	Clean pre filter		•	•	•		
	HSU	Clean motor breather filters		•	•	•		
Service D	Air Filter	Renew air filter element			•	•		
	Cabinet Pre-Filters	Replace pre-filter			•	•		
	Discharge Non Return Valve	Renew discharge non return valve			•	•		
	Bypass Valve	Renew bypass valve			•	•		
	Condensate Drains	Replace nylon pipes to condensate drains			•	•		
	Condensate Drains	Renew complete condensate drains			•	•		
	Water Stop Valve	Service water stop valve			•	•		
	Intake Rubber	Check intake rubber for perishing / cracks			•	•		
	HSU	Drain HSU volute drains			•	•		
	Electrical Wiring	Check all electrical connections			•	•		
	Compressor	Check machine in general for leaks			•	•		
	VFD	Clean VFD heatsink			•	•		
	Q-Master controller	Rectify any faults found			•	•		
	Water Stop Valve	Replace water stop valve solenoid coil				•		
	Victaulic coupling	Replace Victaulic coupling rubber				•		
Service E	MBC	Batteries for MBC to be replaced				•		
	HSU	Check auxiliary bearings rotate				•		
	MBC	Check cooling fan operation MBC				•		
	VFD	Check cooling fan operation VFD				•		
	HSU	Check all motor connections				•		
	Q-Master controller	Check instrument connections				•		
	HSU	Auxiliary bearing cartridges to be replaced					•	
	PLC	Battery for PLC to be replaced						•
Predictive Service	HSU	Replace 1st Stage Impeller and bolt						•
	HSU	Replace 2nd Stage Impeller and bolt						•
	HSU	Clean 1st and 2nd stage impellers						•
	Cooling System	Clean cooler waterside - excessive temp differentials						•
	Cooling System	Clean Cooler airside - excessive pressure drop						•

¹ Whichever occurs soonest

² Normally performed via Remote Monitoring

Inspection of the pressure vessel in accordance with local guidelines

Service intervals could be shorter depending on the ambient operating conditions (heat, humidity, dirt etc), effecting , filters, coolers etc.

Scroll SC2, SC4, S4S, S7D, S11T, S15Q Service Schedule

		Daily ²	Every 500 hours or 2 months ¹	Every 2000 hours or 6 months ¹	Every 5000 hours or 12 months ¹	Every 10000 hours or 24 months ¹		
					10 Bar	8 Bar		
Complete Scroll	Inspect for excessive noise and vibration	•						
Complete Scroll	Check for air leaks	•						
Intake Air Filter	Clean and inspect		•					
V-Belts	check V-belts adjust if necessary		•					
Intake Air Filter	Replace intake air filter			•	•	•		
Cooling	Inspect and clean			•				
Sirocco Fan	Clean & inspect			•	•	•		
Airend Fin	Clean & inspect				•	•		
Scroll Bearings	Re-gease the bearing				•	•		
Tip Seals & Face Seals	Replace the seals				•	•		

¹ Maintenance time intervals are based on operating hours or calendar date, whichever occurs first.

If the compressor is operating at full pressure and is constantly running, reduce the service intervals by 25%

² Performed by the end user

Inspection of the pressure vessel in accordance with local guidelines

Scroll SC6, SC7, S6S, S8S, S11D, S15D, S17T, S22T/Q, S30Q Service Schedule

		Daily ²	Every 500 hours or 2 months ¹	Every 2000 hours or 12 months ¹	Every 5000 hours or 24 months ¹	Every 10000 hours or 48 months ¹	Every 20000 hours or 8 years ¹	Every 15000 hours or 6 years ¹
					10 bar	8 bar	8 bar	10 bar
Complete Scroll Air End	Inspect for excessive noise and vibration	•						
Complete Scroll	Check for air leaks	•						
Intake Air Filter	Clean and inspect		•					
V-Belts	check V-belts adjust if necessary		•					
Intake Air Filter	Replace intake air filter			•	•	•		
Cooling	Inspect and clean			•	•	•		
Cooling Fan & Scroll Fin	Clean & inspect			•	•	•		
Scroll Bearings	Re-gease the bearing				•	•		
Tip Seals & Face Seals	Replace the seals				•	•		
Brushes (7.5 Kw only)	Replace the Drum				•	•		
Scroll Airend	Replace the scroll airend						•	•

¹ Maintenance time intervals are based on operating hours or calendar date, whichever occurs first.

If the compressor is operating at full pressure and is constantly running, reduce the service intervals by 25%

For operating conditions where ambient temperature is higher than 77F or 25C the maintenance intervals are greatly reduced, please refer to the manual for more information

² Performed by the end user

Inspection of the pressure vessel in accordance with local guidelines

Compressor Service Kits

Service Kits Oil Free Compressors



		Every 4000 hours or 6 months ¹	Every 8000 hours or 12 months ¹	Every 16000 hours or 24 months ¹	Every 4 Years
Dryclon 75-160	Fixed Speed		CK8135-2	CK16135-2	
	Regulated Speed		CK8135RS-2	CK16135-2	
Dryclon 165-315	Fixed Speed		CK8198-1	CK16198-1	
	Regulated Speed		CK8198-1	CK16198-1	
DH Waterinjected 15	Fixed Speed	CK4155-5	CK8155-2	CK16155-2	
	Regulated Speed	CK4155-5-RS	CK8155-2	CK16155-3-RS	
DH Waterinjected 22	Fixed Speed	CK4155-6	CK8155-2	CK16155-2	
	Regulated Speed	CK4155-6-RS	CK8155-2	CK16155-3-RS	
DH Waterinjected 37	Fixed Speed	CK4180-3	CK8180-3	CK16180-5	
	Regulated Speed	CK4180-4-RS	CK8180-3	CK16180-6	
DH Waterinjected 50	Regulated Speed	CK4210-6-DH	CK8210-4-DH	CK16210-3-DH	
DH Waterinjected 75	Regulated Speed	CK4210-7-DH	CK8210-5-DH	CK16210-4-DH	
DH Waterinjected 110	Regulated Speed	CK4265-4-DH	CK8265-2-DH	CK16265-2-DH	
Ultima 75-160	Regulated Speed		CK8135U-1	CK16135U-1	
Quantima Ti 43 52		Q009-8017	Q009-8018	Q009-8023	Q009-8019

Lubrication Oil Part # 100014655
Anti Freeze - Coolant Part # Z51101248

¹ Maintenance time intervals are based on operating hours or calendar date, whichever occurs first.
For cooler kits and other parts please check the parts manual

To comply with the terms and conditions of PureCARE, complete kits must be used for services. All parts must be replaced. Purchase and use of selective parts instead of the whole kit is not permitted and will invalidate the (extended) warranty.

Service Kits Oil Free Scroll Compressors



		Simplex	Duplex	Triplex	Quadruplex
3005MB1445	Air Filter SC2, SC4, S4S, S7D, S11T, S15Q	x 1	x 2	x 3	x 4
3005MB1445	Air Filter SC6, SC7, S6S, S8S, S11D, S15D, S17T, S22T/Q, S30Q	x 2	x 4	x 6	x 8
3005MB6029	Tip seal kit 2 & 4kW	x 1	x 2	x 3	x 4
3005MB6022	Grease 80 grams	Refer to manual for quantities			
302SIA6003	Kit 6 KW Bushing & spring	x 1	x 2	x 3	x 4
300SIA6003	Kit 6kW Service kit (includes tip seal, face seal & grease)	x 1	x 2	x 3	x 4
301SIA6003	Kit 7kW Service kit (includes tip seal, face seal & grease)	x 1	x 2	x 3	x 4
3005MB6031	Grease gun				

Note: Service kits are for the current builds for 2017 only. For older models please consult Repsnet.
CompAir will not accept any responsibility for changes made to service kit numbers, prior to updating this document.

F4S-F100S Refrigeration Dryer Service Schedule

			Daily ²	Weekly	Every 4 months	Every 12 months	
	Controller	Check POWER ON indicator is lit.	•				
	Controller	Check control panel indicators	•				
	Condensate drain	Check condensate drain.		•	•	•	
	Fins	Clean condenser fins.			•	•	
	Electrical	Check electrical absorption.			•	•	
	Refrigerant	Check refrigerant leaks				•	
	Drain	Depressurise the dryer. Complete drain maintenance.				•	
	Filtration	Depressurise the dryer. Replace pre- and post-filter elements.				•	

F120HS-F1800HS Refrigeration Dryer Service Schedule

			Daily ²	Weekly	Every 4 months	Every 12 months	Every 36 months
	Controller	Check POWER ON indicator is lit.	•				
	Controller	Check control panel indicators	•	•			
	Condensate drain	Check condensate drain.		•			
	Fins	Clean condenser fins.			•	•	•
	Heater	Verify that the crankcase heater is correctly positioned			•	•	•
	Electrical	Check electrical absorption.			•	•	•
	Refrigerant	Check refrigerant leaks				•	•
	Drain	Depressurise the dryer. Complete drain maintenance.				•	•
	Filtration	Depressurise the dryer. Replace pre- and post-filter elements.				•	•
	Sensors	Check Temperature sensors, Replace if necessary				•	•
	Maintenance Kit air cooled	Dryer maintenance kit (AC part# 100012721)					•
	Maintenance Kit water cooled	Dryer maintenance kit (WC part# 100012722)					•

Adsorption Air Dryers A1LX - A7LX Service Schedule

			Daily ²	Every 2000 hours or 3 months ¹	Every 4000 hours or 6 months ¹	Every 8000 hours or 12 months ¹	Every 16000 hours or 24 months ¹
	Dryer	Check POWER ON indicator is illuminated	•				
	Dryer	Check STATUS / FAULT indicators located on the controller.	•				
	Dryer	Check for air leaks	•				
	Dryer	Check the condition of electrical supply cables and conduits.		•	•	•	•
	Dryer	Check for cyclic operation.			•	•	•
	Filtration	Check Drain operation		•	•	•	•
A	Dryer	Replace active exhaust silencers Recommended Service A				†	†
B	Filtration	Replace the inlet and outlet air filters and service drains. Recommended Service B				†	†
D	Dryer	Service valves Recommended Service D					†
E	Dryer	Replace the Desiccant. Recommended Service E					†

¹ Maintenance time intervals are based on operating hours or calendar date, whichever occurs first.

• Performed by the operator

† Essential maintenance - Service personnel only

Kits for A1LX - A7LX

	Kit Part Number	
A	DK1000-1	12 Month Silencer element Service Kit
B	171141580	12 Month Filter Service Kit (Refer to Filter user guide)
D	DK3016-1	24 Month Exhaust Valve 50Hz
E	DK9005	24 Month A1LX Service kit
	DK9006	24 Month A12X Service kit
	DK9007	24 Month A3LX Service kit
	DK9008	24 Month A4LX Service kit
	DK9009	24 Month A5LX Service kit
	DK9010	24 Month A6LX Service kit
	DK9011	24 Month A7LX Service kit

Kits for ATV70 - 2417

70-2417	12 month Kit	ZS1047817
70-592	24 month Kit	ZS1047819
683-1183	24 month Kit	ZS1047820
1333-1800	24 month Kit	ZS1047821
2050-2417	24 month Kit	ZS1047822
70-85	48 month Kit	ZS1047824
107-142	48 month Kit	ZS1047825
197-330	48 month Kit	ZS1047826
392-592	48 month Kit	ZS1047827
683-1183	48 month Kit	ZS1047828
1333-1800	48 month Kit	ZS1047829
2050-2417	48 month Kit	ZS1047830

Adsorption Air Dryers ATV70-2417 Service Schedule

			Daily ²	Monthly	Every 4000 hours or 6 months ¹	Every 8000 hours or 12 months ¹	Every 16000 hours or 24 months ¹	Every 32000 hours or 48 months ¹
	Dryer	Complete visual inspection and function test	•					
	Heater	Inspect intake opening for regeneration gas		•				
	Switch Cabinet	Check screw connections and clamps are secured, tighten if necessary			•	•	•	•
	Silencer	Renew silencer every year and after desiccant renewal				†	†	†
	Control Air Filter	Inspect control air filter and clean or replace if necessary				†	†	†
	Dewpoint Transmitter	Return to manufacturer for recalibration				†	†	†
	Vacuum pump	Inspect bearing and replace, if necessary					†	†
	Dust Filter	Check dust filter for contamination and clean						†
	Desiccant	Replace desiccant						†
	Filters	Please refer to filter manuals				†	†	†

¹ Maintenance time intervals are based on operating hours or calendar date, whichever occurs first.

• Performed by the operator

† Essential maintenance - Service personnel only

Adsorption Air Dryers A001-014TX Service Schedule

		Daily ²	Weekly	Monthly	Every 12 months	Every 24 months	Every 48 months
Dryer	Carry out visual and function checks	•					
Dryer	Check Dryer for external damage or unusual noise	•					
Dryer	Remove any loose dust clean surfaces	•					
Upstream and Downstream filter	Check pressure difference at the upstream and downstream filters - if >0.35 bar replace filter		•				
Upstream filter	Check function of the condensate trap, clean if necessary			•			
Upstream and Downstream filter	Replace filters				†	†	†
Muffler	Replace muffler				†		†
Sensor of dewpoint sensing control system	Recalibrate sensor				†	†	†
Solenoid valves	Replace membrane				†	†	†
Solenoid and check valves	Replace check and solenoid valves					†	†
Seals, perforated plates	Replace perforated plates and seals						†
Desiccant	Change desiccant						†

• Performed by the operator

† Essential maintenance - Service personnel only

Kits for A001-A014TX		
A001-A014TX	12 month Kit	100014793
A001-A014TX	24 month Kit	100014794
A001-A006TX	48 month Kit	100014795
A009-A014TX	48 month Kit	100014796
The service kits do not include filter elements or mufflers		

		Desiccant kits						
		A001TX	A002TX	A004TX	A006TX	A009TX	A012TX	A014TX
Part number								
DESPAC1MS	100014742	1X	2X	1X		1X		
DESPAC4MS	100014743			1X	2X	3X	4X	1X
DESPAC15MS	100014744							2X

Adsorption Air Dryers A001-014TXA Service Schedule

		Daily*	Weekly	Monthly	Every 12 months	Every 24 months	Every 48 months
Dryer	Carry out visual and function checks	•					
Dryer	Check Dryer for external damage or unusual noise	•					
Dryer	Remove any loose dust clean surfaces	•					
Upstream and Down-stream filter	Check pressure difference at the upstream and downstream filters - if >0.35 bar replace filter		•				
Upstream filter	Check function of the condensate trap, clean if necessary			•			
Oil indicator	Measure residual oil content and residual capacity of the purifying agent			•			
Upstream and Down-stream filter	Replace filters				†	†	†
Muffler	Replace muffler				†		†
Sensor of dewpoint sensing control system	Recalibrate sensor				†	†	†
Solenoid valves	Replace membrane				†	†	†
Purifying agent	Replace cleaning agent				†	†	†
Solenoid and check valves	Replace check and solenoid valves					†	†
Seals, perforated plates	Replace perforated plates and seals						†
Desiccant	Change desiccant						†

• Performed by the operator

† Essential maintenance - Service personnel only

Kits for A001-A014TXA		
A001-A014TXA	12 month Kit	100014793
A001-A014TXA	24 month Kit	100014794
A001-A006TXA	36 month Kit	100014797
A009-A014TXA	36 month Kit	100014798
A001-A006TXA	48 month Kit	100014795
A009-A014TXA	48 month Kit	100014796
The service kits do not include filter elements or mufflers		

Desiccant and cleaning kits								
Part number			A001TXA	A002TXA	A004TXA	A006TXA	A009TXA	A012TXA
DESPAC1MS	†	100014742	1X	2X	1X		1X	
DESPAC4MS	†	100014743			1X	2X	3X	4X
DESPAC15MS	†	100014744						2X
DESPAC3AK	Δ	100014799	1X	1X	1X	1X	2X	2X
DESPAC10AK	Δ	100014800						1X

† Every 48 months

Δ Every 12 months

Adsorption Air Dryers A018-157TX Service Schedule

			Daily [•]	Weekly	Monthly	Every 12 months	Every 24 months	Every 48 months
Dryer	Carry out visual and function checks		•					
Dryer	Check Dryer for external damage or unusual noise		•					
Dryer	Remove any loose dust clean surfaces		•					
Vessel pressure gauge	Check dam pressure. If exceeding 0.3 bar check muffler, dust sieve and drying agent		•					
Upstream and Down-stream filter	Check pressure difference at the upstream and downstream filters - if >0.35 bar replace filter			•				
Upstream filter	Check function of the condensate trap, clean if necessary				•			
Upstream and Down-stream filter	Replace filters					†	†	†
Muffler	Replace muffler					†		†
Sensor of dewpoint sensing control system	Recalibrate sensor					†	†	†
Pilot valves	Renew pilot valves					†	†	†
Main valves V1/V2	Replace main valves						†	†
Check valves V5/V6	Replace check valves						†	†
Solenoids	Replace solenoids							†
Dust sieves	Renew dust sieves							†
Desiccant	Change desiccant							†

• Performed by the operator

† Essential maintenance - Service personnel only

Kits for A018-A157TX

A018-A157TX	12 + 36 month Kit	100014767
A001-A043TX	24 month Kit	100014769
A058-A157TX	24 month Kit	100014770
A001-A043TX	48 month Kit	100014774
A058-A157TX	48 month Kit	100014775
The service kits do not include filter elements or mufflers		

Desiccant packs including dust sieve and seals

A018-A157TX	A018TX	100014779
	A024TX	100014780
	A033TX	100014781
	A043TX	100014782
	A058TX	100014783
	A070TX	100014784
	A103TX	100014784
	A125TX	100014785
	A157TX	100014786

Adsorption Air Dryers A018-157TXA Service Schedule

		Daily [•]	Weekly	Monthly	Every 12 months	Every 24 months	Every 48 months
Dryer	Carry out visual and function checks	•					
Dryer	Check Dryer for external damage or unusual noise	•					
Dryer	Remove any loose dust clean surfaces	•					
Vessel pressure gauge	Check dam pressure. If exceeding 0.3 bar check muffler, dust sieve and drying agent	•					
Upstream and Downstream filter	Check pressure difference at the upstream and downstream filters - if >0.35 bar replace filter		•				
Oil indicator	Measure residual oil content and residual capacity of the purifying agent			•			
Upstream filter	Check function of the condensate trap, clean if necessary			•			
Upstream and Downstream filter	Replace filters				†	†	†
Muffler	Replace muffler				†		†
Sensor of dewpoint sensing control system	Recalibrate sensor				†	†	†
Purifying agent	Renew - If the fed compressed air is humid, the interval is reduced to 6 months				†	†	†
Pilot valves	Renew pilot valves				†	†	†
Main valves V1/V2	Replace main valves					†	†
Check valves V5/V6	Replace check valves					†	†
Solenoids	Replace solenoids						†
Dust sieves	Renew dust sieves						†
Desiccant	Change desiccant						†

• Performed by the operator

† Essential maintenance - Service personnel only

Kits for A018-A157TXA

A018-A157TXA	12 + 36 month Kit	100014767
A001-A043TXA	24 month Kit	100014769
A058-A157TXA	24 month Kit	100014770
A001-A043TXA	48 month Kit	100014774
A058-A157TXA	48 month Kit	100014775
P02 (Oil indicator tube)		67150000002
The service kits do not include filter elements or mufflers		

Desiccant packs including dust sieve and seals

A018-A157TXA	A018TXA	100014779
	A024TXA	100014780
	A033TXA	100014781
	A043TXA	100014782
	A058TXA	100014783
	A070TXAA	100014784
	A103TXA	100014784
	A125TXA	100014785
	A157TXA	100014786

Adsorption Air Dryers A7XS - A50XS Service Schedule

			Daily ²	Every 3 months	Every 6 months	Every 12 months	Every 24 months	Every 30 months
	Dryer	Check POWER ON indicator is illuminated	•					
	Dryer	Check STATUS / FAULT indicators located on the controller.	•					
	Dryer	Check for air leaks	•					
	Dryer	Check the pressure gauges during purging for excessive back pressure		•				
	Dryer	Check the condition of electrical supply cables and conduits.		•				
	Dryer	Check for cyclic operation.			•			
	Filtration	Check Drain operation		•				
A	Dryer	Replace active exhaust silencers Recommended Service A				†	†	
B	Filtration	Replace the inlet and outlet air filters and service drains. Recommended Service B				†	†	
C	Dryer	Replace / calibrate dewpoint transmitter (DDS units only)				†	†	
D	Dryer	Replace the valve seats and seals Recommended Service D					†	
E	Dryer	Replace the Desiccant. Recommended Service E						†

• **Checks** Performed by the operator/service personnel

† **Replace** Essential maintenance - Service personnel only

Service Kit	Description	Part No	Quantity
A - Silencer Service	Kit: Silencer Element A7XS-A25XS	DK1003-1	1
	Kit: Silencer Element A7XS-A30XS-A50XS	DK1003-1	
B - Filter Services	Refer to filter user guide	171141580	
C - Hygrometer Service	KIT: Hygrometer element & block (DK2000-1)	DK2000-1	1
	KIT: Hygrometer element & block (DK2000-1)	DK2001-1	
D - Valve Service	Kit: Valve overhaul A7XS-A25XS	DK3008-1	1
	Kit: Valve overhaul A30XS-A50XS	DK3009-1	1
E - Desiccant Service	AA 11.2 litre bag	DK9004	See table below
	MS 13X 11.2 litre bag	DK9002	See table below
	Kit: Column Seals A7XS-A25XS	DK4002-1	1
	Kit: Column Seals A30XS-A50XS	DK4003-1	1

Table Quantities

	A7XS		A9XS		A12XS		A15XS		A18XS		A25XS		A30XS		A37XS		A50XS	
	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70
Dryfill AA	1		1		2		2		2		3		3		4		5	
Dryfill MS 13x		1		1		2		2		2		3		3		4		4
Seals	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Adsorption Air Dryers A068X-A340X Service Schedule

										
			Daily ²	Weekly	Every 3 months	Every 6 months	Every 12 months	Every 24 months	Every 30 months	
A B C D E	Dryer	Check POWER ON indicator is illuminated	•							
	Dryer	Check STATUS / FAULT indicators located on the controller	•							
	Dryer	Check for air leaks	•							
	Dryer	Check the pressure gauges during purging for excessive back pressure		•						
	Dryer	Check the condition of electrical supply cables and conduits			•					
	Dryer	Check for cyclic operation				•				
	Dryer	Replace the active exhaust silencers				†	†	†	†	
	Filtration	Replace the inlet and control filters and service drains					†	†		
	Dryer	Replace / Calibrate dewpoint transmitter (DDS units only)					†	†		
	Dryer	Replace valve seats and seals						†		
Desiccant	Replace the desiccant							†		

• **Checks** Performed by the operator/service personnel

† **Replace** Essential maintenance - Service personnel only

Service Kit	Description	Part No	Quantity
A - Silencer Service	Kit: Silencer Element AX	DK1001-1	See table below
B - Filter Services	Refer to filter user guide	171141580	
C - Hygrometer Service	Replacement dewpoint transmitter (DDS units only)	DK2000-1	1
D - Valve Service	Kit: Valve overhaul <9 Barg	DK3001-1	1
	Kit: Valve overhaul >9 Barg	DK3002-1	1
E - Desiccant Service	AA 11.2 litre bag	DK9004	See table below
	MS 11.2 litre bag	DK9002	See table below
	WS 11.2 litre bag	DK9000	See table below
	Kit: Column Seals AX	DK4001-1	1
	Snow storm filler	A51138374	1

Table Quantities																								
	A068X			A102X			A127X			A170X			A212X			A255X			A297X			A340X		
	-20	-40	-70	-20	-40	-70	-20	-40	-70	-20	-40	-70	-20	-40	-70	-20	-40	-70	-20	-40	-70	-20	-40	-70
Dryfill AA	9	8		13	12		16	14		21	19		26	24		31	28		36	33		41	37	
Dryfill MS		1	7		2	11		2	13		3	17		3	21		4	25		4	29		6	30
Dryfill WS			2			3			4			5			6			7			8			9
Seals	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Silencer	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3

CDT 025-360 Series Hybrid Dryers Service Schedule

			Daily ²	Weekly	Every 4 months	Every 12 months	Every 24 months	Every 48 months
Dryer	Check POWER ON indicator is illuminated	•						
Dryer	Check control panel indicators	•						
Dryer	Check the correct level of the flow meter	•						
Dryer	Check condensate drain			•				
Dryer	Clean condenser fins			•				
Dryer	Check electrical absorption				†	†	†	†
Dryer	Depressurize the unit- complete drain maintenance				†	†	†	†
Upstream and Down-stream filter	Replace pre- and post- filter elements					†	†	†
Dryer	Replace filter element, oil separator filter and dust preventer filter					†	†	†
Dryer	Replace pressure dew point sensor					†	†	†
Dryer	Replace main solenoids					†	†	†
Dryer	Check the silencer yearly and when changing the desiccant					•	•	•
Dryer	Replace non-return valve						†	†
Dryer	Replace solenoids drain						†	†
Desiccant	Change desiccant							†

• Checks Performed by the operator/service personnel

† Replace Essential maintenance - Service personnel only

Maintenance parts	CDT025	CDT040	CDT060	CDT090	CTD140	CDT260	CDT340	
Kit component	Part no							Replace
Filter Element	ZS1167760	ZS1167764	ZS1167764	ZS1167766	ZS1167769	ZS1167772	ZS1167772	12 months
	CE0036G/B	CE0066G/B	CE0096G/B	CE0096G/B	CE00198G/B	CE00258G/B	CE00258G/B	12 months
	ZS1167763	CP3040ZL	CP3040ZL	ZS1167767	ZS1167770	ZS1167773	ZS1167773	12 months
Solenoid valve	ZS1167695	ZS1167695	ZS1167695	ZS1167695	ZS1167695			12 months
Coil Solenoid valve block 4 pcs	ZS1167701	ZS1167701	ZS1167701	ZS1167701	ZS1167701			12 months
Dew point Sensor	ZS1167744	ZS1167744	ZS1167744	ZS1167744	ZS1167744	ZS1167744	ZS1167744	12 months
Angle body valve						398H378999Y030 (x2)	398H378999Y030 (x2)	24 months
O-ring set	ZS1167698	ZS1167698	ZS1167699	ZS1167699	ZS1167699	ZS1167742	ZS1167742	24 months
Wearing part for valve block			ZS1167702	ZS1167702	ZS1167702 (x4)	ZS1167702 (x4)	ZS1167702 (x4)	24 months
Wearing part non return valve	ZS1167698	ZS1167698	ZS1167699	ZS1167699	ZS1167699	ZS1167699	ZS1167699	24 months
Coil for condensate drain solenoid					ZS1167702 (x4)	ZS1167702 (x4)	ZS1167702 (x4)	48 months
Pneumatic control kit						ZS1167711	ZS1167711	48 months
Pressure Transducer			ZS1167716 (X2)	ZS1167716 (X2)	ZS1167716 (X2)	ZS1167716 (X2)	ZS1167716 (X2)	48 months
Temperature probe (0/150° C)	ZS1167687	ZS1167687	ZS1167687 (X2)	ZS1167687 (X2)	ZS1167687 (X2)	ZS1167687 (X2)	ZS1167687 (X2)	48 months
Thermal resistance	ZS1167689 (x2)	ZS1167689 (x2)	ZS1167689 (x2)	ZS1167689 (x2)	ZS1167689 (x2)	ZS1167689 (x2)	ZS1167689 (x2)	48 months
Temperature probe (-50/50° C)	ZS1132690	ZS1132690	ZS1132690	ZS1132690	ZS1132690 (X2)	ZS1132690 (X2)	ZS1132690 (X2)	48 months
Temperature probe (170° C)	ZS1167690 (x2)	ZS1167690 (x2)	ZS1167690 (x2)	ZS1167690 (x2)	ZS1167690 (x3)	ZS1167690 (x3)	ZS1167690 (x3)	48 months
Desiccant pack	ZS1167751 (x3)	ZS1167751 (x3)	ZS1167751 (x4)	ZS1167751 (x6)	ZS1167751 (x8)	ZS1167751 (x15)	ZS1167751 (x19)	48 months
Silencer	ZS1167743	ZS1167743	ZS1167743	ZS1167743	ZS1167743	ZS1167743	ZS1167743	48 months

Filter Guide

Filter Type	Filter ID No	Size	FAD	Filter element	Element No
CF0006G1/4"B	ZS1087862	G1/4"	0.6	CE0006G B	ZS1087935
CF0006G1/4"C	ZS1087863	G1/4"	0.6	CE0006G C	ZS1087936
CF0006G1/4"D	ZS1087864	G1/4"	0.6	CE0006G D	ZS1087937
CF0006G3/8"B	ZS1087865	G3/8"	0.6	CE0006G B	ZS1087935
CF0006G3/8"C	ZS1087867	G3/8"	0.6	CE0006G C	ZS1087936
CF0006G3/8"D	ZS1087868	G3/8"	0.6	CE0006G D	ZS1087937
CF0006G1/2"B	ZS1087869	G1/2"	0.6	CE0006G B	ZS1087935
CF0006G1/2"C	ZS1087870	G1/2"	0.6	CE0006G C	ZS1087936
CF0006G1/2"D	ZS1087871	G1/2"	0.6	CE0006G D	ZS1087937
CF0012G3/8"B	ZS1087872	G3/8"	1.2	CE0012G B	ZS1087938
CF0012G3/8"C	ZS1087873	G3/8"	1.2	CE0012G C	ZS1087939
CF0012G3/8"D	ZS1087874	G3/8"	1.2	CE0012G D	ZS1087940
CF0012G1/2"B	ZS1087875	G1/2"	1.2	CE0012G B	ZS1087938
CF0012G1/2"C	ZS1087876	G1/2"	1.2	CE0012G C	ZS1087939
CF0012G1/2"D	ZS1087877	G1/2"	1.2	CE0012G D	ZS1087940
CF0018G1/2"B	ZS1087878	G1/2"	1.8	CE0018G B	ZS1087941
CF0018G1/2"C	ZS1087879	G1/2"	1.8	CE0018G C	ZS1087942
CF0018G1/2"D	ZS1087880	G1/2"	1.8	CE0018G D	ZS1087943
CF0018G3/4"B	ZS1087881	G3/4"	1.8	CE0018G B	ZS1087941
CF0018G3/4"C	ZS1087882	G3/4"	1.8	CE0018G C	ZS1087942
CF0018G3/4"D	ZS1087883	G3/4"	1.8	CE0018G D	ZS1087943
CF0018G1"B	ZS1087884	G1"	1.8	CE0018G B	ZS1087941
CF0018G1"C	ZS1087885	G1"	1.8	CE0018G C	ZS1087942
CF0018G1"D	ZS1087886	G1"	1.8	CE0018G D	ZS1087943
CF0036G3/4"B	ZS1087887	G3/4"	3.6	CE0036G B	ZS1087944
CF0036G3/4"C	ZS1087888	G3/4"	3.6	CE0036G C	ZS1087947
CF0036G3/4"D	ZS1087889	G3/4"	3.6	CE0036G D	ZS1087948
CF0036G1"B	ZS1087890	G1"	3.6	CE0036G B	ZS1087944
CF0036G1"C	ZS1087891	G1"	3.6	CE0036G C	ZS1087947
CF0036G1"D	ZS1087892	G1"	3.6	CE0036G D	ZS1087948
CF0066G1"B	ZS1087893	G1"	6.6	CE0066G B	ZS1087949
CF0066G1"C	ZS1087894	G1"	6.6	CE0066G C	ZS1087950
CF0066G1"D	ZS1087895	G1"	6.6	CE0066G D	ZS1087951
CF0066G11/4"B	ZS1087896	G1 1/4"	6.6	CE0066G B	ZS1087949
CF0066G11/4"C	ZS1087897	G1 1/4"	6.6	CE0066G C	ZS1087950
CF0066G11/4"D	ZS1087898	G1 1/4"	6.6	CE0066G D	ZS1087951
CF0066G11/2"B	ZS1087899	G1 1/2"	6.6	CE0066G B	ZS1087949
CF0066G11/2"C	ZS1087900	G1 1/2"	6.6	CE0066G C	ZS1087950
CF0066G11/2"D	ZS1087901	G1 1/2"	6.6	CE0066G D	ZS1087951
CF0096G11/4"B	ZS1087902	G1 1/4"	9.6	CE0096G B	ZS1087952
CF0096G11/4"C	ZS1087903	G1 1/4"	9.6	CE0096G C	ZS1087953
CF0096G11/4"D	ZS1087904	G1 1/4"	9.6	CE0096G D	ZS1087954
CF0096G11/2"B	ZS1087905	G1 1/2"	9.6	CE0096G B	ZS1087952
CF0096G11/2"C	ZS1087906	G1 1/2"	9.6	CE0096G C	ZS1087953
CF0096G11/2"D	ZS1087907	G1 1/2"	9.6	CE0096G D	ZS1087954
CF0132G11/2"B	ZS1087908	G1 1/2"	13.2	CE0132G B	ZS1087955
CF0132G11/2"C	ZS1087910	G1 1/2"	13.2	CE0132G C	ZS1087956
CF0132G11/2"D	ZS1087911	G1 1/2"	13.2	CE0132G D	ZS1087957
CF0132G2"B	ZS1087912	G2"	13.2	CE0132G B	ZS1087955
CF0132G2"C	ZS1087913	G2"	13.2	CE0132G C	ZS1087956
CF0132G2"D	ZS1087915	G2"	13.2	CE0132G D	ZS1087957
CF0198G2"B	ZS1087916	G2"	19.8	CE0198G B	ZS1087958
CF0198G2"C	ZS1087918	G2"	19.8	CE0198G C	ZS1087959
CF0198G2"D	ZS1087919	G2"	19.8	CE0198G D	ZS1087960
CF0258G21/2"B	ZS1087920	G2 1/2"	25.8	CE0258G B	ZS1087961
CF0258G21/2"C	ZS1087921	G2 1/2"	25.8	CE0258G C	ZS1087962
CF0258G21/2"D	ZS1087922	G2 1/2"	25.8	CE0258G D	ZS1087963
CF0258G3"B	ZS1087923	G3"	25.8	CE0258G B	ZS1087961
CF0258G3"C	ZS1087924	G3"	25.8	CE0258G C	ZS1087962
CF0258G3"D	ZS1087925	G3"	25.8	CE0258G D	ZS1087963
CF0372G21/2"B	ZS1087926	G2 1/2"	37.2	CE0372G B	ZS1087964
CF0372G21/2"C	ZS1087927	G2 1/2"	37.2	CE0372G C	ZS1087965
CF0372G21/2"D	ZS1087928	G2 1/2"	37.2	CE0372G D	ZS1087966
CF0372G3"B	ZS1087929	G3"	37.2	CE0372G B	ZS1087964
CF0372G3"C	ZS1087930	G3"	37.2	CE0372G C	ZS1087965
CF0372G3"D	ZS1087931	G3"	37.2	CE0372G D	ZS1087966

CN2-20P - CN2-80P Nitrogen Generators Service Schedule

			Daily ²	Every 2000 hours or 3 months ¹	Every 4000 hours or 6 months ¹	Every 8000 hours or 12 months ¹	Every 16000 hours or 24 months ¹	Every 24000 hours or 36 months ¹	Every 40000 hours or 60 months ¹
	Generator	Check the status indicators located on the front panel.	•						
	System	Check the inlet air quality		•	•	•	•	•	•
	Generator	Check for air leaks		•	•	•	•	•	•
	Generator	Check the pressure gauges during purging for excessive back pressure		•	•	•	•	•	•
	Generator	Check the condition of the electrical supply cables and conduits		•	•	•	•	•	•
	Generator	Check oxygen sensor(s) and calibrate if necessary		Δ	Δ	Δ	Δ	Δ	Δ
	Generator	Check for cyclic operation			•	•	•	•	•
A	Filtration	Replace Exhaust silencer and filter element(s) Recommended Service A				†	†	†	†
B	Generator	Replace Oxygen sensor(s) Recommended Service B					†	†	†
C	Generator	Replace control valves Recommended Service C						†	†
D	Generator	Replace cylinder and solenoid valves Recommended Service D							†

¹ Maintenance time intervals are based on operating hours or calendar date, whichever occurs first.

• Performed by the operator

Δ Essential procedure - Service personnel only

† Essential maintenance - Service personnel only

High Purity Generators (PPM) without EST Model Nos. CN2XXPAXN		
	Kit Part Number	
A	ZS1139589	12 Month Non EST Service Kit
B	ZS1139593	24 Month PPM Service Kit
C	ZS1139595	36 Month Standard Service Kit
D	ZS1139596	60 Month Standard Service Kit

High Purity Generators (PPM) with EST Model Nos. CN2XXPAXY		
	Kit Part Number	
A	ZS1139592	12 Month EST Service Kit
B	ZS1139593 (X2)	24 Month PPM Service Kit
C	ZS1139595	36 Month Standard Service Kit
D	ZS1139596	60 Month Standard Service Kit

Low Purity Generators (%) without EST Model Nos. CN2XXPBXN		
	Kit Part Number	
A	ZS1139589	12 Month Non EST Service Kit
B	ZS1139594	24 Month Percentage Service Kit
C	ZS1139595	36 Month Standard Service Kit
D	ZS1139596	60 Month Standard Service Kit

Low Purity Generators (%) with EST Model Nos. CN2XXPBXY		
	Kit Part Number	
A	ZS1139592	12 Month EST Service Kit
B	ZS1139594 (X2)	24 Month Percentage Service Kit
C	ZS1139595	36 Month Standard Service Kit
D	ZS1139596	60 Month Standard Service Kit

CN20033 - CN20090 Nitrogen Generators Service Schedule

			Daily ²	Weekly ²	Every 2000 hours or 3 months ¹	Every 4000 hours or 6 months ¹	Every 8000 hours or 12 months ¹	Every 16000 hours or 24 months ¹
	Generator	Check the status indicators located on the front panel.	•	•	•	•	•	•
	Generator	Check regulated outlet pressure		•	•	•	•	•
	Generator	Check O ₂ purity		•	•	•	•	•
	System	Check filter drains		•	•	•	•	•
	O ₂ Cell	Calibrate oxygen sensor			Δ	Δ	Δ	Δ
	System	Check inlet air quality			•	•	•	•
	Generator	Check for air leaks			•	•	•	•
	Generator	Check pressure gauges during purging for excessive back pressure			•	•	•	•
	Generator	Check condition of electrical supply cables and conduits			•	•	•	•
	Generator	Check cyclic operation				•	•	•
A	Generator	Replace mist-x silencer Recommended Service A					†	†
B	Filtration	Replace buffer tank filter. Service B					†	†
C	Generator	Replace / Calibrate oxygen sensor Recommended Service C						†
D	Generator	Replace / Service valves Recommended Service D						†

¹ Maintenance time intervals are based on operating hours or calendar date, whichever occurs first.
Performed by the operator

Δ Essential procedure - Service personnel only

□ Essential maintenance - Service personnel only

Generator with analyser		
	Kit Part Number	
A	ZS1103422	12 Month MIST-X Silencer
B	ZS1087938	12 Month Filter Service Kit
C	ZS1100165	24 Month PPM Oxygen Cell Service Kit
	ZS1100164	24 Month % Oxygen Cell Service Kit
D	ZS1103424	24 Month Valve Overhaul
	ZS1103426	24 Month Air Inlet Valve Kit
	ZS1103426	24 Month Exhaust Valve Kit
	ZS1103427	24 Month Outlet Valve Kit

Generator without analyser		
	Kit Part Number	
A	ZS1103422	12 Month MIST-X Silencer
B	ZS1087938	12 Month Filter Service Kit
C	ZS1100165	24 Month PPM Oxygen Cell Service Kit
	ZS1100164	24 Month % Oxygen Cell Service Kit
D	ZS1103425	24 Month Valve Overhaul
	ZS1103426	24 Month Air Inlet Valve Kit
	ZS1103426	24 Month Exhaust Valve Kit
	ZS1103573	24 Month Outlet Valve Kit

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PUREAIR SERVICING & MAINTENANCE PROGRAMME

The Assure and PureCARE Service Plans are designed to give the optimum protection for your investment and uptime for your processes that require the compressed air, whichever option you prefer. The plans are flexible to suit your individual requirements. Please call your service provider to discuss your requirements. Our Certified service providers will be able to discuss your requirements and advise you the full details regarding pricing and the terms and conditions of your chosen plan.



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