



Standard Warranty Terms & Conditions

Assure Extended Warranty Terms & Conditions



Oil Lubricated Compressors

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1. Standard Warranty Terms

1.1 General warranty statement

CompAir states that machinery and parts supplied will be warranted for defects in material, design or manufacture for the warranty period detailed in section 1.3. CompAir makes no warranty, and hereby disclaims any warranty, expressed or implied, except as expressly provided herein.

The responsibility for warranty work rests with CompAir who reserve the right to use distributors or CompAir service personnel as appropriate.

Only "CompAir trained personnel" or CompAir certified distributors / agents will carry out warranty work on behalf of CompAir. Reasonable safe access must be provided and all local health and safety issues must be maintained

During a warranty repair, if faults are found which are not covered by the Warranty Policy, for example, a consumable item, or neglect, then an order number or written authority from the customer to cover the non warranty work/parts must be obtained.

CompAir will only meet the cost of warranty work conducted during normal working hours and excludes weekends and official statutory holidays. Should the customer require attendance outside this period the additional cost will not be the responsibility of CompAir.

If the customer for any reason delays warranty work, it must be made clear to the customer they will be charged for the additional time.

It is the responsibility of the "trained personnel" to report any circumstances which are having an adverse affect on the operation of the machine. This could involve lack of maintenance, poor environment, variable electrical supply or any other factor detrimental to its correct or efficient operation.

Warranty does not include any liability for any consequential loss or damages whatsoever, including, among other things, loss of profits or business and downtime, nor the cost of hiring or providing replacement equipment during the time scale of the failure.

CompAir shall be under no liability for warranty if the machine or parts have been misused in anyway or not operated in the conditions for which it is designed.

CompAir shall be under no liability for warranty if the machine or parts have been altered or modified from the original manufacturer's specification other than by the fitting of CompAir approved options and accessories.

CompAir shall be under no liability for warranty if the machine is not serviced in accordance with the published service schedules. CompAir genuine or approved parts, oils and lubricants are recommended. Warranty does **NOT** mean or include free maintenance.

Portable Compressors: The air end seal and drive coupling are included in the warranty, but air end drive belts are excluded. The original air end must be returned assembled and unopened. Accessories or equipment furnished by CompAir Drucklufttechnik GmbH, but manufactured by others, including, but not limited to engines, tyres, batteries, starters, alternators, engine electrical equipment, hydraulic transmissions and carriers, shall carry only the manufacturer's warranty, which CompAir Drucklufttechnik GmbH can lawfully assign to the initial user. The warranty is provided under the condition that there is strict compliance with our operation and service instructions, including exact compliance with service intervals and use of original CompAir lubricants, service parts and spare parts and in case of the engine of original Kubota, Deutz, Cummins lubricants, service parts and spare parts. Service must be conducted by an authorized CompAir distributor. In the case of the engine by authorized Kubota, Deutz, Cummins distributor.

No warranty will be accepted for natural wear or tear of the equipment.

No warranty will be accepted for damage caused by fire or force majeure.

CompAir shall be under no liability for warranty if the customer fails to notify CompAir within the warranty period and within 60 days after repair of a defect.

The warranty conditions detailed in this policy document take precedence over the references to warranty contained in the CompAir/Gardner Denver Conditions of Sale.

The warranty period on components supplied or successfully claimed under warranty will not exceed the remainder of the machine's warranty period

Any changes to the CompAir warranty policy for specific customer requirements must have the written permission of the CompAir Warranty Manager.

1.2 Delivery and commissioning

1.2.1 Post delivery inspection

Every effort will be made by CompAir to ensure machines are delivered free from damage. However, on receipt a thorough examination of the machine must be made. If a consignment is damaged in transit the customer/distributor must promptly (and no later than 2 days after receipt) report the extent of the damage to the shipping/despatch section of the relevant division or site. Where CompAir have undertaken the arrangements for carriage they will seek reimbursement direct from the carrier, otherwise it is for the recipient to claim against the carrier.

In the event of transit damage occurring using a CompAir carrier the following action is required, in order that CompAir can make a claim against the carrier's insurance policy. Immediately notify the carrier's driver and note the damage on the delivery note. Then notify the S.O.P Manager at the correct CompAir site who will then need the following information.

- Date received.
- Date damage discovered
- Description of damage (where possible supported by photographs)
- Order reference number
- Copy of delivery note

1.2.2 Installation and commissioning

All compressor and dryer installations must be carried out, and/or checked by "trained personnel" prior to commissioning. Any problems should be reported to the relevant CompAir division/site and the customer immediately. Where any installation and commissioning have been carried out by the end user, and are subsequently found to be incorrect and contributed to the failure, the warranty will become void.

Under no circumstances should the machine be put into operation if there is any doubt concerning the installation.

Upon completion of the commissioning, an certified member of the customer staff should be informed of the correct maintenance checks and the method of operation of the machine.

Commissioning forms must be uploaded to the CompAir On-Line Warranty Registration System. Missing or incomplete commissioning forms will invalidate your warranty.

The customer is encouraged to enter into a ASSURE service plan with the CompAir Distributor, or CompAir sales company.

1.3 Warranty duration and options

1.3.1 Warranty overview by model - range

Model - Range	Warranty Duration	Extended Warranty Available
L Series Industrial Screw 2 - 5.5Kw Compressors	24 Months ¹	✗
L Series Industrial Screw 7.5 - 290 Kw Compressors	12 Months ¹	✓
Pistons Compressors	12 Months ¹	✗
Portable Compressors	24 Months ¹	✗
CompAir dryers/refrigerators ²	24 Months ¹	✓
CompAir Nitrogen Generators	24 Months ¹	✓
Compressor Air End Oil Lubricated Screw	24 Months ¹	✗
Replacement Air Ends	24 Months	✗
Electric Motors	24 Months ¹	✗
Replacement Spare Parts	12 Months	✗

¹ - The complete machine will have a warranty period of as mentioned above from date of commissioning or an additional 6 months from date of despatch ex CompAir which ever is the soonest.

CompAir recommends that only genuine CompAir or approved parts be used, and that service be carried out by an certified CompAir trained service engineer.

² - The A068XLE - A340XLE vacuum pump (VC150, VC202, VC303) has a 12 month warranty only and is excluded from the Extended Warranty.

1.3.2 Replacement spare parts

The warranty period for replacement parts excluding air ends, motors and consumable spare parts shall be 12 months ex CompAir. The extent of this will be replacement part only.

CompAir will not warrant adjacent components to the replacement part

Any defective spare part found prior to installation should be processed directly with the CompAir parts department, not as a warranty claim.

1.3.3 Extended warranty

CompAir offer the Extended Warranty programmes on selected models. Additional terms and conditions apply. Please refer to the terms and conditions of the Extended Warranty Programmes.

1.4 Warranty registration requirements

All machinery mentioned in 1.3.1 and 2.1.1 must be registered by the CompAir Distributor or CompAir Sales Organisation on the CompAir On-Line warranty system, within 90 days from the installation/start up of the new equipment. Spare parts do not require registration.

No warranty will be provided for machines mentioned in 1.3.1 and 2.1.1 not registered within the above mentioned criteria.

Comprehensive end user details are required along with any supporting documents that are requested by our on-line registration system.

CompAir reserves the right to refuse warranty for registrations that have been submitted incorrectly.

Please contact CompAir for further details and access to the On-Line Warranty System.

1.5 Warranty claim process

All warranty claims must be submitted by the CompAir Distributor or CompAir Sales Organisation using the CompAir On-Line warranty system, within 60 days from the date of repair. No warranty claims will be accepted without prior registration of the equipment.

No warranty claims will be accepted if submitted via fax, post or e-mail unless otherwise agreed by CompAir under exceptional circumstances.

CompAir reserves the right to refuse warranty for claims that have been submitted incorrectly.

Please contact CompAir for further details and access to the On-Line Warranty System.

1.6 Component return

All failed components must be kept by yourselves. CompAir will either notify you of the need to return the component to us, or that you can dispose of the component.

The purchaser shall retain the claimed part or product for six (6) months after the claim has been submitted by the purchaser for CompAir's inspection and on request the alleged defective part shall be sent to a destination designated by CompAir at the Purchaser's costs. No products may be returned by the Purchaser to the Company without CompAir's prior written consent, and CompAir will not accept any liability for costs incurred by the Purchaser in connection with returning products or parts. After warranty handling, the title to the defective parts shall be transferred to CompAir.

1.7 Parts excluded from standard warranty

- Normal service items and time (including Spin on Oil Filters, Spin on Fine Separator Filters, Drive Belts, Pulleys, Auto Greasing System, Hoses and Victaulic and Flexmaster Couplings, Solenoids), unless the fault is caused by design or manufacture defect.
- Inspection and adjustment of valves, timers and pressure switches
- Accidental damage to panel work
- Damage caused as a result of ambient operating conditions such as but not limited to extreme temperatures, excessive dust and dirt and extreme humidity. These conditions require a more frequent service interval than the standard service recommendation to prevent damage to the machinery

2 ASSURE Extended Warranty Terms and Conditions

Unless specifically mentioned in section 2 all standard warranty terms and conditions described in section 1 will apply.

ASSURE extended warranty offering is only available for equipment owners who have their CompAir equipment serviced by authorised Service providers, at the recommended service intervals using genuine parts, service kits and lubricants. (Complete service parts must be used, individual parts are only allowed if no service kits are available)

ASSURE is not available on all models supplied by CompAir; please see section 2.1 for details.

ASSURE is offered on a country by country basis. Please check with your certified service provider if ASSURE is offered in your country.

2.1 ASSURE eligible models - ranges

Model - Range	Warranty Duration	Re- Warranty Available
L Series Industrial Screw compressors (7-290 Kw)	6 Years ¹	✓
CompAir dryers/refrigerators ²	6 Years ¹	✗
CompAir Nitrogen Generators ²	6 Years ¹	✗

¹ - 44,000 operating hours or 6 Years (72 months) from commissioning or 78 months from shipment factory (whichever is the soonest)

² - Only valid when the compressed air system has CompAir Filters and Pre-Filters installed. The A068XLE - A340XLE vacuum pump (VC150, VC202, VC303) has a 12 month warranty only and is excluded from the Extended Warranty.

2.2 ASSURE Extended Warranty Terms & Conditions

ASSURE provides up to 44000 hours or 6 years coverage from commissioning or 78 months from shipment factory, whichever is the soonest.

The compressor, dryer or nitrogen generator must be installed and commissioned by a CompAir certified service provider.

In order to validate the ASSURE warranty the machinery owner must instruct the CompAir certified service provider to register the warrantable machinery within 90 days of commissioning. If there is no distributor involvement the equipment must be registered via the CompAir selling entity.

The warrantable machinery owner must allow the CompAir certified service provider to deliver the ASSURE service plan.

Only CompAir certified service providers can provide service within the ASSURE extended warranty period.

Genuine CompAir service kits and lubricants must be used at all times and at the recommended service interval as per the corresponding ASSURE equipment operating manuals. Only if no kits are available, individual genuine spare parts are allowed.

It is the responsibility of the CompAir Certified Service Provider to ensure that all services and service kits used are registered using the QR Code service registration process. Failure to do so will invalidate the extended warranty. Dryers and Generators are currently exempt from the QR code service registration.

The equipment owner is responsible for all daily and weekly checks as detailed in the user handbook.

Failure to allow the service schedule to be delivered by a CompAir certified service provider will invalidate the warranty, which will then revert to the unexpired portion (if any) of the standard warranty associated with this warrantable equipment.

After the expiry of the standard warranty period, certified service providers will be liable for the first two hours of labour expenses applied to a warranty repair.

CompAir agrees to be liable for the hours in excess of the first 2 hours on any warranty job performed under the ASSURE warranty programmes. All labour repayments will be based on the published "Service and Warranty times guide".

All labour claims are subject to audit if CompAir believes the hours claimed on a warranty job are excessive or unreasonable.

Important notes

- Documentary proof of all additional cost not related to replacing parts
- Works to be paid out as per the parts replacement and service time guide
- Claims must be submitted within 60 days from repair date otherwise claim will be void
- Service items are guaranteed to the hour's limit specified in the official CompAir service schedule. Site operating environment may reduce these periods e.g. Air filters in very dusty conditions.
- Parts will be issued free of charge or credited at the price paid for them at CompAir's discretion.
- Labour will be credited at the standard warranty rates prevailing at the point the claim is made and will be limited to the officially published Service and Warranty Time Guide".
- If parts are supplied for a warranty repair using the guaranteed pre 10.00 am delivery, you will be able to reclaim the delivery charge on the warranty claim you submit.

2.3 ASSURE exclusions

- Oil thermostatic valve, Shaft Seals, Spin on Oil Filters, Spin on Fine Separator Filters, Drive Belts, Pulleys, Auto Greasing System, Drive Couplings and Associated rubbers, Hoses and Victaulic and Flexmaster Couplings, Pressure and Temperature Sensors, Solenoids, Intake Valves, Minimum Pressure Valves
- Machines sold as non standard without CompAir involvement
- Normal service items and time
- Lubricants
- Inspection and adjustment of valves, timers and pressure switches
- Accidental damage to panel work
- Damage caused as a result of ambient operating conditions such as but not limited to extreme temperatures, excessive dust and dirt and extreme humidity. These conditions require a more frequent service interval than the standard service recommendation to prevent damage to the machinery
- If the installation contain Non CompAir or Gardner Denver branded Pre-Filtration no extended warranty will be given under ASSURE.
- If the installation contain Non CompAir or Gardner Denver branded Post-Filtration no extended warranty will be given for Dryers or Nitrogen Generators under ASSURE. Standard warranty conditions only will apply.
- General cleaning of components
- Tightening of electrical connections
- The cost of repairing or replacing components due to adverse conditions e.g. Air/Oil filters, Separators, Lubricants, Contactors
- Parts not replaced or checked at specified service intervals
- Additions to the compressor/installation not approved by CompAir
- Application of an incorrect or abnormal power supply
- Defective external wiring or electrical connections which are not part of the compressor
- Foreign bodies, negligent use, wilful abuse or misuse
- Fire
- Force majeure
- Exposed to weather conditions
- Re-siting of the compressor if not approved by the certified service provider and notified in writing to the CompAir Warranty department
- Any machinery not permanently sited e.g. hire or mobile units
- Repairs not carried out by the certified service provider
- Loss of use or charges incurred arising from failure of the compressor
- CompAir does not accept consequential liability of any nature whatsoever

CompAir reserves the right to monitor content and delivery of service plans to ensure quality standards are maintained within any territory ASSURE are installed in.

2.4 Assure Re-warrant

Assure allows authorised CompAir service providers to re-warrant an eligible compressor that was not registered for the Assure programme originally.

Assure re-warrant: Only possible to register for 12 months after the standard warranty has expired .

The CompAir authorised service provider, following a completed Health-check and compressor re-commissioning, may apply to register the compressor for the Assure Program giving a maximum re-capture life for Assure of 44,000 hours or 6 years after commissioning or 78 months after delivery factory (whichever is the soonest) for eligible products.

If more than 2000 operating hours since the last service a minor service and oil change using CompAir genuine minor Service Kit/parts and lubrication using CompAir Fluid Force Warranty Lubricants is mandatory. This is on the customers account.

A completed Health-check is defined as a documented inspection having taken place and all remedial work identified during the Health-check having been carried out.

Exclusion Period for re-warranty

No claims can be accepted for any failure that occurred before or within first 90 days from date of re-warranty registration!

All other Assure exclusions apply

2.5 Equipment owners obligations

- Whilst ASSURE is free to the compressor owner there are certain conditions incumbent upon him to maintain the presence of his machinery in the ASSURE programme.
- The customer must have his new machinery commissioned by an certified CompAir service provider and have the installation approved by the certified service providers engineer.
- The machinery owner must allow the certified service provider to deliver the service plan or ASSURE Service agreement in line with the published CompAir ASSURE service schedule. No other party can provide service other than CompAir itself or a certified CompAir service provider.
- Genuine CompAir parts must be used in all repairs.
- Genuine CompAir kits must be used for all services, in case no kit is available individual genuine parts must be used.
- Genuine CompAir Warranty or Food Grade Lubricants must be used during the ASSURE warranty period.
- The machinery owner is responsible for all daily checks as detailed in the user handbook/service schedule.
- The machinery owner is responsible for ensuring site installation conditions are maintained at the level existing when the commissioning form was completed.
- If the machinery owner fails to allow delivery and validation of the service schedule, this will invalidate his ASSURE registration. The machinery will then revert to standard warranty cover providing the periods shown in section 1.3 have not expired.
- Failure to comply with any of the conditions in this section will result in the termination of the ASSURE cover for the machinery in question
- Should the machinery owner breach any conditionality and have ASSURE withdrawn, re-registration will not be possible.

2.6 Service Provider obligations

- The selling entity seeking to register a machine to the ASSURE programme must be an certified CompAir service provider.
- In the case of a new machine sale the compressor must be commissioned as per the guidelines and a fully completed registration and commissioning form must be entered into the CompAir warranty system within 90 days of commissioning.
- Equipment owner details must be provided during the registration.
- CompAir reserves the right to check the service registration in case of any warranty claim under the ASSURE Program.
- The CompAir certified service provider must ensure that the customer has agreed to a silver or platinum ASSURE service plan and must ensure that all agreed services are delivered according to the ASSURE service plan schedules, using only Genuine parts and lubrication.

- Failure to adhere to any of the conditions above will result in the machinery being ineligible for ASSURE and receiving only standard warranty cover, if still applicable as per section 1.3.
- The certified service provider is responsible for maintaining full service records using the QR registration process. This information along with copies of the ASSURE registration certificate, commissioning form and service agreements can be audited upon demand by CompAir.
- The compressor owner's ASSURE registration certificate can be downloaded from the CompAir Warranty System. It is the responsibility of the certified service provider to ensure that these documents are given to the compressor owner.
- Failure to adhere to the use of the QR Codes, servicing the compressor with genuine parts, lubricants and according to the published Service Schedules will render the warranty invalid
- Genuine CompAir parts must be used for all repairs.
- Genuine CompAir kits must be used for all services.
- CompAir reserves the right to audit certified service provider performance, evidence of inability to implement and/or maintain the ASSURE programme may lead to the loss of certified service provider status.

3 Certified distributor status

CompAir is the sole arbiter of whether a selling entity is an certified CompAir service provider.

There is no agreement between CompAir and any of its channels to market that automatically confers certified service provider status.

Only CompAir certified service providers are eligible to register compressors to the ASSURE programme or be contracted to support an ASSURE Service agreement.

As a minimum standard an certified service provider must have currently trained and qualified engineers on all the products eligible for the ASSURE scheme that it is entitled to sell and support.

CompAir has the absolute right to remove certified service provider status at any time and reassign machines in the ASSURE scheme to any other certified service provider of its choosing.

Should an certified service provider have its distribution agreement terminated CompAir has the absolute right to reassign those machines it registered into the ASSURE scheme to any other certified service provider of its choosing.

4 Disclaimer

The remedy provided under this warranty shall be the sole, exclusive and only remedy available to the Purchaser and in no case shall CompAir be subject to any other obligations or liabilities. Under no circumstances shall CompAir be liable to the Purchaser or otherwise for liquidated, special, indirect, incidental, exemplary, or consequential damages, expenses, losses or costs, whatsoever, including, without limitation, lost profits, loss of use, loss of contracts, or facility downtime, howsoever caused.

Under no circumstances or conditions shall CompAir's liability, whether in respect of one claim or in the aggregate, arising out of any contract exceed the purchase price payable under the contract to CompAir for the subject equipment or parts.

No statement, representation, agreement or understanding, oral or written, made by any agent, distributor, representative, or employee of CompAir which is not contained in this Warranty document, will be binding upon CompAir unless made in writing and executed by an officer of CompAir.

5 Statutory rights


The terms and conditions do not affect the customer's statutory rights.

ASSURE Service Schedules

The following service schedules apply to Standard Warranty as well as ASSURE Extended Warranty Programme



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			•	•	•	•	•	•	•
Service D	Oil System	Renew oil (Mineral SCWO-BG2 or Foodgrade SCFG4000)				•	•	•	•	•	•
	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				•	•	•	•	•	•
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					•		•		•
	Oil Scavenge System	Renew oil scavenge tubing					•		•		•
	Motor Drive Coupling Insert	Check condition and renew if required					•		•		•
Additional	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 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					•		•		•
	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 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

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 12 months¹	Every 4000 hours or 12 months¹	Every 8000 hours or 24 months¹	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	
<div>Only the following lubricants are allowed to be used to comply with Assure:</div> <ul style="list-style-type: none">• 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

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 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			•			
Oil indicator	Measure residual oil content and residual capacity of the purifying agent			•			
Upstream and Downstream 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						
DESPAC3AK	Δ	100014799	1X	1X	1X	1X	2X	2X
DESPAC10AK	Δ	100014800						

† Every 48 months

Δ Every 12 months

Adsorption Air Dryers A018-157TX 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		•					
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			•				
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					†	†	†
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)		671500000002
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
E D C B A	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

Adsorption Air Dryers A068XLE-A340XLE 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				•			
	Vacuum pump	Check oil level		•	•				
	Vacuum pump	Clean the coarse separator							†
	Vacuum pump	Renew oil			†	†	†	†	†
	Dryer	Replace the active exhaust silencers				†	†	†	†
	Filtration	Replace the inlet and control filters and service drains					†	†	
	Dryer	Replace / Calibrate dewpoint transmitter (DDS units only)					†	†	
	Vacuum pump	Renew separator filter					†	†	
	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
Vacuum pump (oil change)	Oil (1 liter)	7502126000	See table below
	Oil (5 liter)	7502096000	See table below
Vacuum pump (12 months)	VC150 service kit	VC150 Spares Kit	A068XLE - A102XLE (x1)
	VC202/303 service kit	VC202/303-SKIT	x 1 -> A255XLE - A340XLE (x2)

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
Oil (Liters)	4	4	4	4	4	4	8	8	8	8	8	8	8	8	8	16	16	16	16	16	16	16	16	16

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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The Assure 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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