

LILLNORD

next generation cooling technologies

Maintenance check list Tailormade units





Comment:

Check list / task list		Check
1	Functional test	
2	Check of amp. consumption on all 3 phases	
3	Check and cleaning of steam container	
4	Check and cleaning of drainvalve and water pipe	
5	Check of solenoid valve	
6	Check and cleaning of small thread water filter	
7	Check of heating contactors	
8	Check of steam contactors	
9	Check of heating elements	
10	Check of fan speed relay SC1	
11	Check of steam pipes on roof and inside unit	
12	Check and cleaning of drain, drip tray and siphon. Check of free drains with ca. 4 l water	
13	Check of door sealings and gaskets	
14	Check and greasing of locks, retighten with Loctite	
15	Check of joints at connecting walls and floor	
16	Check of floor heating cables	
17	Check of door frame heating cables	
18	Check of pressure plates	
19	Check of supply cables	
20	Check of hygrostat and temperature sensor	
21		
22		

Spare parts to be replaced		Check
1	Water pipe once a year (recommended)	
2		
3		

Frequency		Check
Annually:	Bianually:	Quarterly:

Date / Technician



Comment:

NB: We do not perform lawfully required maintenance on compressors

Check list / task list		Check
1	Functional test	
2	Check of amp. consumption on all 3 phases	
3	Check and cleaning of steam container	
4	Check and cleaning of drainvalve and water pipe	
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6	Check and cleaning of small thread water filter	
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10	Check of fan speed relay SC1	
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13	Check of door sealings and gaskets	
14	Check and greasing of locks, retighten with Loctite	
15	Check of joints at connecting walls and floor	
16	Check of floor heating cables	
17	Check of door frame heating cables	
18	Check of pressure plates	
19	Check of cooling function*	
20	Check of supply cables	
21	Check of hygrostat and temperature sensor	
	* For cooling problems the customer must contact his local cooling technician	

Spare parts to be replaced		Check
1	Water pipe once a year (recommended)	
2		
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Frequency		Check
Annually:	Biannually:	Quarterly:

Date / Technician



Comment:

NB: We do not perform lawfully required maintenance on compressors

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3	Check and cleaning of steam container	
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5	Check of solenoid valve	
6	Check and cleaning of small thread water filter	
7	Check of heating contactors	
8	Check of steam contactors	
9	Check of heating elements	
10	Check of fan speed relay SC1	
11	Check of UV light	
12	Check of steam pipes on roof and inside unit	
13	Check and cleaning of drain, drip tray and siphon. Check of free drains with ca. 4 l water	
14	Check of door sealings and gaskets	
15	Check and greasing of locks, retighten with Loctite	
16	Check of joints at connecting walls and floor	
17	Check of floor heating cables	
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Spare parts to be replaced		Check
1	Water pipe once a year (recommended)	
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Frequency		Check
Annually:	Biannually:	Quarterly:

Date / Technician



Comment:

NB: We do not perform lawfully required maintenance on compressors

Check list / task list		Check
1	Functional test	
2	Check of heating contactors for defrosting	
3	Check of heating elements for defrosting	
4	Check of PT100 sensor for defrosting	
5	Check of fan speed relay SC1	
6	Check and cleaning of drain, drip tray and siphon. Check of free drains with ca. 4 l water	
7	Check of evaporator for ice and defrosting adjustments	
8	Check of floor / stainless steel floor	
9	Check of door sealings and gaskets	
10	Check and greasing of locks, retighten with Loctite	
11	Check of joints at connecting walls and floor	
12	Check of floor heating cables	
13	Check of door frame heating cables	
14	Check of equalizing valve	
15	Check of cooling function*	
16	Check of supply cables	
18		
19		
20		
21		
* For cooling problems the customer must contact his local cooling technician		

Spare parts to be replaced		Check
1		
2		
3		

Frequency		Check
Annually:	Biannually:	Quarterly:

Date / Technician



Comment:

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Control list / task list		Check
1	Functional test	
2	Check of heating contactors for defrosting	
3	Check of heating elements for defrosting	
4	Check of PT100 sensor for defrosting	
5	Check of fan speed relay SC1	
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7	Check of evaporator for ice and defrosting adjustments	
8	Check of floor / stainless steel floor	
9	Check of door sealings and gaskets	
10	Check and greasing of locks, retighten with Loctite	
11	Check of joints at connecting walls and floor	
12	Check of floor heating cables	
13	Check of door frame heating cables	
14	Check of equalizing valve	
15	Check of cooling function*	
16	Check of supply cables	
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1		
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10	Check and greasing of locks, retighten with Loctite	
11	Check of joints at connecting walls and floor	
12	Check of floor heating cables	
13	Check of door frame heating cables	
14	Check of equalizing valve	
15	Check of cooling function*	
16	Check of supply cables	
17	Check and cleaning of steam container	
18	Check and cleaning of drainvalve and water pipe	
19	Check of solenoid valve	
20	Check and cleaning of small thread water filter	
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1		
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Date / Technician

Maintenance check list Plug & Play and Semi Plug & Play units





Comment:

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3	Check and cleaning of steam container	
4	Check and cleaning of drainvalve and water pipe	
5	Check of solenoid valve	
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8	Check of steam contactors	
9	Check of heating elements	
10	Check of fan speed relay SC1	
11	Check of steam pipes on roof and inside unit	
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13	Check of door sealings and gaskets	
14	Check and greasing of locks	
15	Check of joints at connecting walls and floor	
16	Check of floor heating cables	
17	Check of door frame heating cables	
18	Check of pressure plates	
19	Check of supply cables	
20	Check of hygostat and temperature sensor	
21		
22		
23		

Spare parts to be replaced		Check
1	Water pipe once a year (recommended)	
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Frequency		Check
Annually:	Biannually:	Quarterly:

Date / Technician



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1	Functional test	
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10	Check of fan speed relay SC1	
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17	Check of door frame heating cables	
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8	Check of steam contactors	
9	Check of heating elements	
10	Check of fan speed relay SC1	
11	Check of UV light	
12	Check of steam pipes on roof and inside unit	
13	Check and cleaning of drain, drip tray and siphon. Check of free drains with ca. 4 l water	
14	Check of door sealings and gaskets	
15	Check and greasing of locks	
16	Check of joints at connecting walls and floor	
17	Check of floor heating cables	
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4	Check of PT100 sensor for defrosting	
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6	Check and cleaning of drain, drip tray and siphon. Check of free drains with ca. 4 l water	
7	Check of evaporator for ice and defrosting adjustments	
8	Check of floor / stainless steel floor	
9	Check of door sealings and gaskets	
10	Check and greasing of locks	
11	Check of joints at connecting walls and floor	
12	Check of floor heating cables	
13	Check of door frame heating cables	
14	Check of equalizing valve	
15	Check of cooling function*	
16	Check of supply cables	
17		
18		
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Spare parts to be replaced		Check
1		
2		
3		

Frequency		Check
Annually:	Biannually:	Quarterly:

Date / Technician

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Maintenance check list PG1000 & PG5000





Comment:

Check list / task list		Check
1	Functional test	
2	Check of amp. consumption on all 3 phases	
3	Check and cleaning of steam container	
4	Check and cleaning of drainvalve and water pipe	
5	Check of solenoid valve	
6	Check and cleaning of small thread water filter	
7	Check of heating contactors	
8	Check of steam contactors	
9	Check of heating elements	
10	Check of fan	
11	Check of steam pipes	
12	Check and cleaning of drains, if available	
13	Check of security flap at steam exit	
14	Check of hygrostat	
15	Check of thermostat for heating	
16	Check of supply cables	
17	Check of temperature sensor	
18		
19		
20		
21		
22		
23		
24		

Spare parts to be replaced		Check
1	Water pipe once a year (recommended)	
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Frequency		Check
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Date / Technician



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1	Functional test	
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4	Check and cleaning of drainvalve and water pipe	
5	Check of solenoid valve	
6	Check and cleaning of small thread water filter	
7	Check of heating contactors	
8	Check of steam contactors	
9	Check of heating elements	
10	Check of fan	
11	Check of steam pipes	
12	Check and cleaning of drains, if available	
13	Check of security flap at steam exit	
14	Check of hygrostat	
15	Check of thermostat for heating	
16	Check of supply cables	
17	Check of temperature sensor	
18		
19		
20		
21		
22		
23		
24		

Comment:

Spare parts to be replaced		Check
1	Water pipe once a year (recommended)	
2		
3		

Frequency		Check
Annually:	Biannually:	Quarterly:

Date / Technician

Maintenance check list Tailormade units for trays





Comment:

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Check list / task list		Check
1	Functional test	
2	Check of heating contactors for defrosting	
3	Check of heating elements for defrosting	
4	Check of PT100 sensor for defrosting	
5	Check of fan speed relay SC1	
6	Check and cleaning of drain, drip tray and siphon. Check of free drains with ca. 4 l water	
7	Check of evaporator for ice and defrosting adjustments	
8	Check of floor / stainless steel floor	
9	Check of door sealings and gaskets	
10	Check and greasing of locks	
11	Check of joints at connecting walls	
12	Check of floor heating cables	
13	Check of door frame heating cables	
14	Check of equalizing valve	
15	Check of cooling function*	
16	Check of supply cables	
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	* For cooling problems the customer must contact his local cooling technician	

Spare parts to be replaced		Check
1		
2		
3		

Frequency		Check
Annually:	Biannually:	Quarterly:

Date / Technician

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Lawfully required maintenance on compressors





Comment:

Check list / task list		Check
1	Exchange of ester oil	
2	Exchange of filter dryer	
3	Cleaning of condenser	
4	Leak test	
5	Visual check and possible exchange of pipe insulation	
6	Check of humidity in cooling system (inspection glas)	
7	Check of high pressure	
8	Check of low pressure	
9	Check of condenser fan, also slack in ball bearing	
10	Cleaning of compressor for dirt	
11	Check of fan speed regulator	
12	Filling out maintenance book for cooling unit according to specific laws or ISO certifications	
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16		
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19		
20		
21		
22		

Spare parts to be replaced		Check
1		
2		
3		

Frequency		Check
Annually:	Biannually:	Quarterly:

Date / Technician