

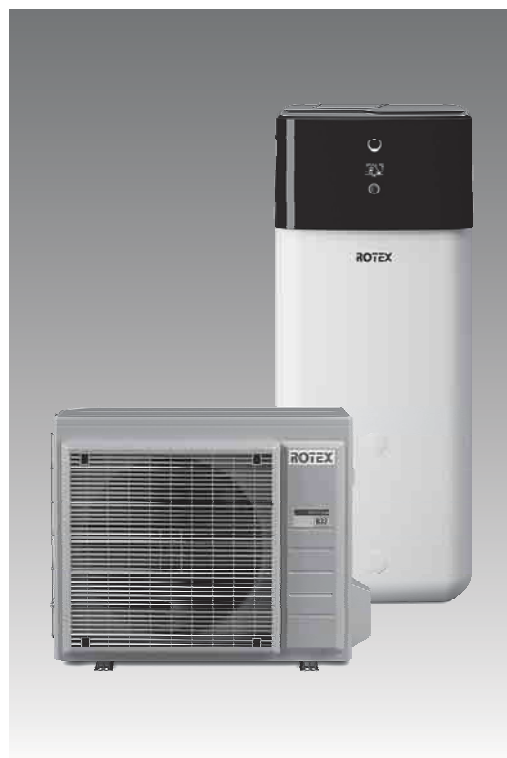


a member of **DAIKIN** group

For the operator

Operating manual

ROTEX heat pumps



Types

- ROTEX HPSU compact Ultra 4-8 kW
- ROTEX HPSU compact 4-8 kW
- ROTEX HPSU compact 11-16 kW
- ROTEX HPSU Bi-Bloc 4-8 kW
- ROTEX HPSU Bi-Bloc 11-16 kW
- ROTEX HPSU monobloc compact 5-7 kW
- ROTEX HPSU ^{hitemp} 11-16 kW

EN

Issued 06/2018

1 General instructions

1 General instructions

1.1 Guarantee conditions

The legal guarantee conditions fundamentally apply. Our warranty conditions beyond that can be found online on your sales representative's webpage.

1.2 Legal stipulations

According to the F-Gases Directive (EC) No. 842/2006 Article 3, replaced on 01.01.2015 by (EC) No. 517/2014 Articles 3 and 4, Operators (or Owners) must perform regular maintenance on their fixed cooling systems, check impermeability and have any leaks repaired immediately.

All installation, maintenance and repair work on the cooling circuit must be documented e.g. in the operating manual.

Operators of ROTEX heat pump systems are subject to the following obligations:

i The European statutory investigation period applies for heat pumps from a total system coolant filling quantity of 3 kg or, as of 01.01.2017 from a total filling quantity of 5 t CO₂-equivalent (in the case of R410A from 2.4 kg).

ROTEX nonetheless recommends the conclusion of a maintenance contract, including documentation of the work carried out in the operating manual in order to preserve the right to guarantee, including for systems for which there is not legal obligation to monitor impermeability.

- With a system coolant **total filling quantity of 3 kg – 30 kg** or from **6 kg** in hermetic systems and from 01.01.2017 with a total filling quantity of 5-50 t CO₂-equivalent or from 10 t CO₂-equivalent in hermetic systems:

→ **Inspections** carried out by certified personnel at intervals of no more than **12 months** and documentation of the work performed in accordance with valid regulations. This documentation must be retained for at least 5 years.

i Certified people are those who have proof of expertise for the European Community for work on stationary refrigeration systems (heat pumps) and air conditioning systems, according to the F-Gases Directive (EC) No. 303/2008.

- Up to 3 kg coolant fill quantity: Expert certificate category II
- 3 kg coolant fill quantity or over: Expert certificate category I



RISK OF ENVIRONMENTAL DAMAGE!

The entire heat pump system contains coolant with fluorinated greenhouse gases, which if released, are harmful to the environment.

Coolant type: R410A
GWP* value: 2087,5

Coolant type: R134a
GWP* value: 1430

Coolant type: R32
GWP* value: 675

* GWP = Global Warming Potential

- Never allow coolant to be released into the atmosphere - always suction it off and recycle using a suitable recycling device.



Have the inspection and maintenance carried out by authorised and trained HVAC engineers once a year, ideally **before the heating period**. This can prevent faults during the heating period.

ROTEX recommends an inspection and maintenance contract to ensure regular inspection and maintenance.

2 System data

2.1 Operator

Name:	_____
Company:	_____
Street & house number:	_____
Postal code & town:	_____
Phone:	_____

2.2 System

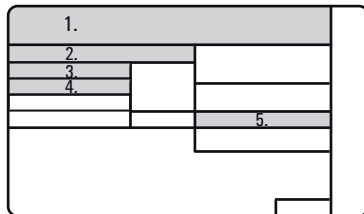


Fig. 2-1 Type plate external unit

External unit	
1 - Manufacturer	ROTEX Heating Systems GmbH
2 - Type	_____
3 - Serial number (Mfg No.)	_____
4 - Production date (Mfg Date)	_____
5 - Type of coolant + fill weight of device	R_____ kg

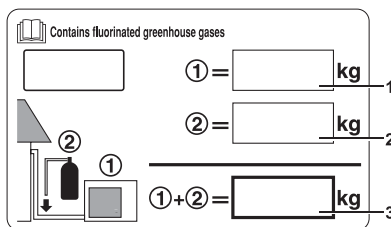


Fig. 2-2 Sticker showing coolant fill weight in entire system (external unit)

Total fill weight	
1 - Factory filling of the outdoor module (see Image 2-1, item 5):	_____ kg
2 - Quantity of additional coolant added on site:	_____ kg
3 - Total amount of coolant in the system:	_____ kg

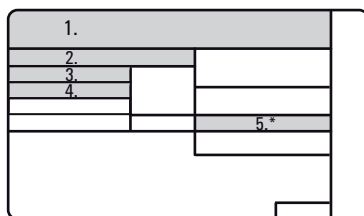


Fig. 2-3 Type plate internal unit
HPSU Bi-Bloc / HPSU hitemp

Internal unit	
1 - Manufacturer	ROTEX Heating Systems GmbH
2 - Type	_____
3 - Serial number (Mfg No.)	_____
4 - Production date (Mfg Date)	_____
5* - Type of coolant + fill weight of device	R_____ kg

* only for HPSU hitemp

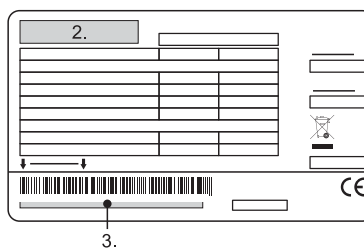


Fig. 2-4 Type plate internal unit
HPSU compact

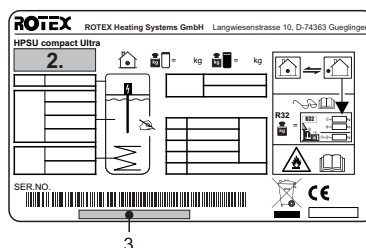


Fig. 2-6 Type plate internal unit
HPSU compact Ultra

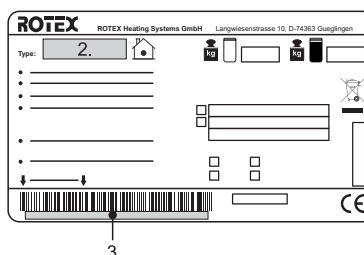


Fig. 2-5 Type plate internal unit
HPSU monobloc compact

2.3 Leak test

Test interval in accordance with F-gas regulations:

- every 6 months
- every 12 months
- no legal requirement for leak test



All maintenance, leak tests and work performed on the coolant system must be recorded below. An unbroken record of compliance with the maintenance and inspection work stipulated by ROTEX is a prerequisite for any guarantee claim within the guarantee period and any possible ex-gratia payment by the manufacturer.

3 Certificates

3 Certificates

1st maintenance

Activities		Yes	No	Comments	
1. All maintenance and inspection tasks completed in accordance with installation and maintenance instructions for the ROTEX HPSU/HPU?		<input type="checkbox"/>	<input type="checkbox"/>		
2. System water pressure checked?		<input type="checkbox"/>	<input type="checkbox"/>	bar	
3. Leak test with leak indicator (≤ 5 g/a) completed in accordance with F-Gases Decree (see Chapter 1.2 "Legal stipulations", Page 3)		<input type="checkbox"/>	<input type="checkbox"/>	Leak indicator instrument Manufacturer: _____ Type: _____ Date of last instrument test: _____	
4. Work on coolant circuit completed?		<input type="checkbox"/>	<input type="checkbox"/>		Reason:
5. Weight of coolant added: kg R _____		Weight of coolant disposed of: kg R _____			kg R _____
					kg R _____
6. Function check carried out?		<input type="checkbox"/>	<input type="checkbox"/>		
7. Any faults detected?		<input type="checkbox"/>	<input type="checkbox"/>	Faults detected:	
Fault rectified? (see repair log page _____)		<input type="checkbox"/>	<input type="checkbox"/>		
8. Operator informed of existing faults?		<input type="checkbox"/>	<input type="checkbox"/>		
<i>Company stamp / company address</i>		<i>Name of technician in capitals</i>		<i>Date</i> <i>Signature of technician</i>	

2nd maintenance

Activities		Yes	No	Comments	
1. All maintenance and inspection tasks completed in accordance with installation and maintenance instructions for the ROTEX HPSU/HPU?		<input type="checkbox"/>	<input type="checkbox"/>		
2. System water pressure checked?		<input type="checkbox"/>	<input type="checkbox"/>	bar	
3. Leak test with leak indicator (≤ 5 g/a) completed in accordance with F-Gases Decree (see Chapter 1.2 "Legal stipulations", Page 3)		<input type="checkbox"/>	<input type="checkbox"/>	Leak indicator instrument Manufacturer: _____ Type: _____ Date of last instrument test: _____	
4. Work on coolant circuit completed?		<input type="checkbox"/>	<input type="checkbox"/>		Reason:
5. Weight of coolant added: kg R _____		Weight of coolant disposed of: kg R _____			kg R _____
					kg R _____
6. Function check carried out?		<input type="checkbox"/>	<input type="checkbox"/>		
7. Any faults detected?		<input type="checkbox"/>	<input type="checkbox"/>	Faults detected:	
Fault rectified? (see repair log page _____)		<input type="checkbox"/>	<input type="checkbox"/>		
8. Operator informed of existing faults?		<input type="checkbox"/>	<input type="checkbox"/>		
<i>Company stamp / company address</i>		<i>Name of technician in capitals</i>		<i>Date</i> <i>Signature of technician</i>	

3rd maintenance

Activities		Yes	No	Comments
1. All maintenance and inspection tasks completed in accordance with installation and maintenance instructions for the ROTEX HPSU/HPU?		<input type="checkbox"/>	<input type="checkbox"/>	
2. System water pressure checked?		<input type="checkbox"/>	<input type="checkbox"/>	bar
3. Leak test with leak indicator (≤ 5 g/a) completed in accordance with F-Gases Decree (see Chapter 1.2 "Legal stipulations", Page 3)		<input type="checkbox"/>	<input type="checkbox"/>	
Leak indicator instrument	Manufacturer: _____			
	Type: _____			
	Date of last instrument test: _____			
4. Work on coolant circuit completed?		<input type="checkbox"/>	<input type="checkbox"/>	Reason:
5. Weight of coolant added: kg R _____ kg R _____		Weight of coolant disposed of:		kg R _____ kg R _____
6. Function check carried out?		<input type="checkbox"/>	<input type="checkbox"/>	
7. Any faults detected? Fault rectified? (see repair log page _____)		<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	Faults detected:
8. Operator informed of existing faults?		<input type="checkbox"/>	<input type="checkbox"/>	
Company stamp / company address		Name of technician in capitals		Date
				Signature of technician

4th maintenance

Activities		Yes	No	Comments
1. All maintenance and inspection tasks completed in accordance with installation and maintenance instructions for the ROTEX HPSU/HPU?		<input type="checkbox"/>	<input type="checkbox"/>	
2. System water pressure checked?		<input type="checkbox"/>	<input type="checkbox"/>	bar
3. Leak test with leak indicator (≤ 5 g/a) completed in accordance with F-Gases Decree (see Chapter 1.2 "Legal stipulations", Page 3)		<input type="checkbox"/>	<input type="checkbox"/>	
Leak indicator instrument	Manufacturer: _____			
	Type: _____			
	Date of last instrument test: _____			
4. Work on coolant circuit completed?		<input type="checkbox"/>	<input type="checkbox"/>	Reason:
5. Weight of coolant added: kg R _____ kg R _____		Weight of coolant disposed of:		kg R _____ kg R _____
6. Function check carried out?		<input type="checkbox"/>	<input type="checkbox"/>	
7. Any faults detected? Fault rectified? (see repair log page _____)		<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	Faults detected:
8. Operator informed of existing faults?		<input type="checkbox"/>	<input type="checkbox"/>	
Company stamp / company address		Name of technician in capitals		Date
				Signature of technician

3 Certificates

5th maintenance

Activities		Yes	No	Comments
1. All maintenance and inspection tasks completed in accordance with installation and maintenance instructions for the ROTEX HPSU/HPU?		<input type="checkbox"/>	<input type="checkbox"/>	
2. System water pressure checked?		<input type="checkbox"/>	<input type="checkbox"/>	bar
3. Leak test with leak indicator (≤ 5 g/a) completed in accordance with F-Gases Decree (see Chapter 1.2 "Legal stipulations", Page 3)		<input type="checkbox"/>	<input type="checkbox"/>	
Leak indicator instrument	Manufacturer: _____ Type: _____ Date of last instrument test: _____			
4. Work on coolant circuit completed?		<input type="checkbox"/>	<input type="checkbox"/>	Reason:
5. Weight of coolant added: kg R _____		Weight of coolant disposed of:		kg R _____
				kg R _____
6. Function check carried out?		<input type="checkbox"/>	<input type="checkbox"/>	
7. Any faults detected?		<input type="checkbox"/>	<input type="checkbox"/>	Faults detected:
Fault rectified? (see repair log page _____)		<input type="checkbox"/>	<input type="checkbox"/>	
8. Operator informed of existing faults?		<input type="checkbox"/>	<input type="checkbox"/>	
<i>Company stamp / company address</i>		<i>Name of technician in capitals</i>		<i>Date</i>
				<i>Signature of technician</i>

6th maintenance

Activities		Yes	No	Comments
1. All maintenance and inspection tasks completed in accordance with installation and maintenance instructions for the ROTEX HPSU/HPU?		<input type="checkbox"/>	<input type="checkbox"/>	
2. System water pressure checked?		<input type="checkbox"/>	<input type="checkbox"/>	bar
3. Leak test with leak indicator (≤ 5 g/a) completed in accordance with F-Gases Decree (see Chapter 1.2 "Legal stipulations", Page 3)		<input type="checkbox"/>	<input type="checkbox"/>	
Leak indicator instrument	Manufacturer: _____ Type: _____ Date of last instrument test: _____			
4. Work on coolant circuit completed?		<input type="checkbox"/>	<input type="checkbox"/>	Reason:
5. Weight of coolant added: kg R _____		Weight of coolant disposed of:		kg R _____
				kg R _____
6. Function check carried out?		<input type="checkbox"/>	<input type="checkbox"/>	
7. Any faults detected?		<input type="checkbox"/>	<input type="checkbox"/>	Faults detected:
Fault rectified? (see repair log page _____)		<input type="checkbox"/>	<input type="checkbox"/>	
8. Operator informed of existing faults?		<input type="checkbox"/>	<input type="checkbox"/>	
<i>Company stamp / company address</i>		<i>Name of technician in capitals</i>		<i>Date</i>
				<i>Signature of technician</i>

7th maintenance

Activities		Yes	No	Comments
1. All maintenance and inspection tasks completed in accordance with installation and maintenance instructions for the ROTEX HPSU/HPU?		<input type="checkbox"/>	<input type="checkbox"/>	
2. System water pressure checked?		<input type="checkbox"/>	<input type="checkbox"/>	bar
3. Leak test with leak indicator (≤ 5 g/a) completed in accordance with F-Gases Decree (see Chapter 1.2 "Legal stipulations", Page 3)		<input type="checkbox"/>	<input type="checkbox"/>	
Leak indicator instrument	Manufacturer: _____ Type: _____ Date of last instrument test: _____			
4. Work on coolant circuit completed?		<input type="checkbox"/>	<input type="checkbox"/>	Reason:
5. Weight of coolant added: kg R _____		Weight of coolant disposed of:		kg R _____
				kg R _____
6. Function check carried out?		<input type="checkbox"/>	<input type="checkbox"/>	
7. Any faults detected?		<input type="checkbox"/>	<input type="checkbox"/>	Faults detected:
Fault rectified? (see repair log page _____)		<input type="checkbox"/>	<input type="checkbox"/>	
8. Operator informed of existing faults?		<input type="checkbox"/>	<input type="checkbox"/>	
Company stamp / company address		Name of technician in capitals		Date
				Signature of technician

8th maintenance

Activities		Yes	No	Comments
1. All maintenance and inspection tasks completed in accordance with installation and maintenance instructions for the ROTEX HPSU/HPU?		<input type="checkbox"/>	<input type="checkbox"/>	
2. System water pressure checked?		<input type="checkbox"/>	<input type="checkbox"/>	bar
3. Leak test with leak indicator (≤ 5 g/a) completed in accordance with F-Gases Decree (see Chapter 1.2 "Legal stipulations", Page 3)		<input type="checkbox"/>	<input type="checkbox"/>	
Leak indicator instrument	Manufacturer: _____ Type: _____ Date of last instrument test: _____			
4. Work on coolant circuit completed?		<input type="checkbox"/>	<input type="checkbox"/>	Reason:
5. Weight of coolant added: kg R _____		Weight of coolant disposed of:		kg R _____
				kg R _____
6. Function check carried out?		<input type="checkbox"/>	<input type="checkbox"/>	
7. Any faults detected?		<input type="checkbox"/>	<input type="checkbox"/>	Faults detected:
Fault rectified? (see repair log page _____)		<input type="checkbox"/>	<input type="checkbox"/>	
8. Operator informed of existing faults?		<input type="checkbox"/>	<input type="checkbox"/>	
Company stamp / company address		Name of technician in capitals		Date
				Signature of technician

3 Certificates

9th maintenance

Activities		Yes	No	Comments
1. All maintenance and inspection tasks completed in accordance with installation and maintenance instructions for the ROTEX HPSU/HPU?		<input type="checkbox"/>	<input type="checkbox"/>	
2. System water pressure checked?		<input type="checkbox"/>	<input type="checkbox"/>	bar
3. Leak test with leak indicator (≤ 5 g/a) completed in accordance with F-Gases Decree (see Chapter 1.2 "Legal stipulations", Page 3)		<input type="checkbox"/>	<input type="checkbox"/>	
Leak indicator instrument	Manufacturer: _____			
	Type: _____			
	Date of last instrument test: _____			
4. Work on coolant circuit completed?		<input type="checkbox"/>	<input type="checkbox"/>	Reason:
5. Weight of coolant added: kg R _____ kg R _____		Weight of coolant disposed of:		kg R _____ kg R _____
6. Function check carried out?		<input type="checkbox"/>	<input type="checkbox"/>	
7. Any faults detected? Fault rectified? (see repair log page _____)		<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	Faults detected:
8. Operator informed of existing faults?		<input type="checkbox"/>	<input type="checkbox"/>	
Company stamp / company address		Name of technician in capitals		Date
				Signature of technician

10th maintenance

Activities		Yes	No	Comments
1. All maintenance and inspection tasks completed in accordance with installation and maintenance instructions for the ROTEX HPSU/HPU?		<input type="checkbox"/>	<input type="checkbox"/>	
2. System water pressure checked?		<input type="checkbox"/>	<input type="checkbox"/>	bar
3. Leak test with leak indicator (≤ 5 g/a) completed in accordance with F-Gases Decree (see Chapter 1.2 "Legal stipulations", Page 3)		<input type="checkbox"/>	<input type="checkbox"/>	
Leak indicator instrument	Manufacturer: _____			
	Type: _____			
	Date of last instrument test: _____			
4. Work on coolant circuit completed?		<input type="checkbox"/>	<input type="checkbox"/>	Reason:
5. Weight of coolant added: kg R _____ kg R _____		Weight of coolant disposed of:		kg R _____ kg R _____
6. Function check carried out?		<input type="checkbox"/>	<input type="checkbox"/>	
7. Any faults detected? Fault rectified? (see repair log page _____)		<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	Faults detected:
8. Operator informed of existing faults?		<input type="checkbox"/>	<input type="checkbox"/>	
Company stamp / company address		Name of technician in capitals		Date
				Signature of technician

11th maintenance

Activities		Yes	No	Comments
1. All maintenance and inspection tasks completed in accordance with installation and maintenance instructions for the ROTEX HPSU/HPU?		<input type="checkbox"/>	<input type="checkbox"/>	
2. System water pressure checked?		<input type="checkbox"/>	<input type="checkbox"/>	bar
3. Leak test with leak indicator (≤ 5 g/a) completed in accordance with F-Gases Decree (see Chapter 1.2 "Legal stipulations", Page 3)		<input type="checkbox"/>	<input type="checkbox"/>	
Leak indicator instrument	Manufacturer: _____			
	Type: _____			
	Date of last instrument test: _____			
4. Work on coolant circuit completed?		<input type="checkbox"/>	<input type="checkbox"/>	Reason:
5. Weight of coolant added: kg R _____		Weight of coolant disposed of:		kg R _____
				kg R _____
6. Function check carried out?		<input type="checkbox"/>	<input type="checkbox"/>	
7. Any faults detected?		<input type="checkbox"/>	<input type="checkbox"/>	Faults detected:
Fault rectified? (see repair log page _____)		<input type="checkbox"/>	<input type="checkbox"/>	
8. Operator informed of existing faults?		<input type="checkbox"/>	<input type="checkbox"/>	
Company stamp / company address		Name of technician in capitals		Date
				Signature of technician

12th maintenance

Activities		Yes	No	Comments
1. All maintenance and inspection tasks completed in accordance with installation and maintenance instructions for the ROTEX HPSU/HPU?		<input type="checkbox"/>	<input type="checkbox"/>	
2. System water pressure checked?		<input type="checkbox"/>	<input type="checkbox"/>	bar
3. Leak test with leak indicator (≤ 5 g/a) completed in accordance with F-Gases Decree (see Chapter 1.2 "Legal stipulations", Page 3)		<input type="checkbox"/>	<input type="checkbox"/>	
Leak indicator instrument	Manufacturer: _____			
	Type: _____			
	Date of last instrument test: _____			
4. Work on coolant circuit completed?		<input type="checkbox"/>	<input type="checkbox"/>	Reason:
5. Weight of coolant added: kg R _____		Weight of coolant disposed of:		kg R _____
				kg R _____
6. Function check carried out?		<input type="checkbox"/>	<input type="checkbox"/>	
7. Any faults detected?		<input type="checkbox"/>	<input type="checkbox"/>	Faults detected:
Fault rectified? (see repair log page _____)		<input type="checkbox"/>	<input type="checkbox"/>	
8. Operator informed of existing faults?		<input type="checkbox"/>	<input type="checkbox"/>	
Company stamp / company address		Name of technician in capitals		Date
				Signature of technician

3 Certificates

13th maintenance

Activities		Yes	No	Comments
1. All maintenance and inspection tasks completed in accordance with installation and maintenance instructions for the ROTEX HPSU/HPU?		<input type="checkbox"/>	<input type="checkbox"/>	
2. System water pressure checked?		<input type="checkbox"/>	<input type="checkbox"/>	bar
3. Leak test with leak indicator (≤ 5 g/a) completed in accordance with F-Gases Decree (see Chapter 1.2 "Legal stipulations", Page 3)		<input type="checkbox"/>	<input type="checkbox"/>	
Leak indicator instrument	Manufacturer: _____ Type: _____ Date of last instrument test: _____			
4. Work on coolant circuit completed?		<input type="checkbox"/>	<input type="checkbox"/>	Reason:
5. Weight of coolant added: kg R _____		Weight of coolant disposed of: kg R _____		
				kg R _____
6. Function check carried out?		<input type="checkbox"/>	<input type="checkbox"/>	
7. Any faults detected?		<input type="checkbox"/>	<input type="checkbox"/>	Faults detected:
Fault rectified? (see repair log page _____)		<input type="checkbox"/>	<input type="checkbox"/>	
8. Operator informed of existing faults?		<input type="checkbox"/>	<input type="checkbox"/>	
Company stamp / company address		Name of technician in capitals		Date
				Signature of technician

14th maintenance

Activities		Yes	No	Comments
1. All maintenance and inspection tasks completed in accordance with installation and maintenance instructions for the ROTEX HPSU/HPU?		<input type="checkbox"/>	<input type="checkbox"/>	
2. System water pressure checked?		<input type="checkbox"/>	<input type="checkbox"/>	bar
3. Leak test with leak indicator (≤ 5 g/a) completed in accordance with F-Gases Decree (see Chapter 1.2 "Legal stipulations", Page 3)		<input type="checkbox"/>	<input type="checkbox"/>	
Leak indicator instrument	Manufacturer: _____ Type: _____ Date of last instrument test: _____			
4. Work on coolant circuit completed?		<input type="checkbox"/>	<input type="checkbox"/>	Reason:
5. Weight of coolant added: kg R _____		Weight of coolant disposed of: kg R _____		
				kg R _____
6. Function check carried out?		<input type="checkbox"/>	<input type="checkbox"/>	
7. Any faults detected?		<input type="checkbox"/>	<input type="checkbox"/>	Faults detected:
Fault rectified? (see repair log page _____)		<input type="checkbox"/>	<input type="checkbox"/>	
8. Operator informed of existing faults?		<input type="checkbox"/>	<input type="checkbox"/>	
Company stamp / company address		Name of technician in capitals		Date
				Signature of technician

15th maintenance

Activities		Yes	No	Comments
1. All maintenance and inspection tasks completed in accordance with installation and maintenance instructions for the ROTEX HPSU/HPU?		<input type="checkbox"/>	<input type="checkbox"/>	
2. System water pressure checked?		<input type="checkbox"/>	<input type="checkbox"/>	bar
3. Leak test with leak indicator (≤ 5 g/a) completed in accordance with F-Gases Decree (see Chapter 1.2 "Legal stipulations", Page 3)		<input type="checkbox"/>	<input type="checkbox"/>	
Leak indicator instrument	Manufacturer: _____			
	Type: _____			
	Date of last instrument test: _____			
4. Work on coolant circuit completed?		<input type="checkbox"/>	<input type="checkbox"/>	Reason:
5. Weight of coolant added: kg R _____ kg R _____		Weight of coolant disposed of: kg R _____ kg R _____		
6. Function check carried out?		<input type="checkbox"/>	<input type="checkbox"/>	
7. Any faults detected? Fault rectified? (see repair log page _____)		<input type="checkbox"/>	<input type="checkbox"/>	Faults detected:
		<input type="checkbox"/>	<input type="checkbox"/>	
8. Operator informed of existing faults?		<input type="checkbox"/>	<input type="checkbox"/>	
<i>Company stamp / company address</i>		<i>Name of technician in capitals</i>		<i>Date</i>
				<i>Signature of technician</i>

16th maintenance

Activities		Yes	No	Comments
1. All maintenance and inspection tasks completed in accordance with installation and maintenance instructions for the ROTEX HPSU/HPU?		<input type="checkbox"/>	<input type="checkbox"/>	
2. System water pressure checked?		<input type="checkbox"/>	<input type="checkbox"/>	bar
3. Leak test with leak indicator (≤ 5 g/a) completed in accordance with F-Gases Decree (see Chapter 1.2 "Legal stipulations", Page 3)		<input type="checkbox"/>	<input type="checkbox"/>	
Leak indicator instrument	Manufacturer: _____			
	Type: _____			
	Date of last instrument test: _____			
4. Work on coolant circuit completed?		<input type="checkbox"/>	<input type="checkbox"/>	Reason:
5. Weight of coolant added: kg R _____ kg R _____		Weight of coolant disposed of: kg R _____ kg R _____		
6. Function check carried out?		<input type="checkbox"/>	<input type="checkbox"/>	
7. Any faults detected? Fault rectified? (see repair log page _____)		<input type="checkbox"/>	<input type="checkbox"/>	Faults detected:
		<input type="checkbox"/>	<input type="checkbox"/>	
8. Operator informed of existing faults?		<input type="checkbox"/>	<input type="checkbox"/>	
<i>Company stamp / company address</i>		<i>Name of technician in capitals</i>		<i>Date</i>
				<i>Signature of technician</i>

4 Repair logs

<p style="text-align: center;">Repair log</p> <p>Description and reason for work on the coolant circuit - followed by pressure test? Please fill out!</p>	<p>Date / Signature of technician</p>
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<p style="text-align: center;">Repair log</p> <p>Description and reason for work on the coolant circuit - followed by pressure test? Please fill out!</p>	<p>Date / Signature of technician</p>
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<p>Repair log Description and reason for work on the coolant circuit - followed by pressure test? Please fill out!</p>	<p>Date / Signature of technician</p>
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