

Attachment

Plant Manual

General warnings
1st Installation of unit
1st Start-up
 2nd Installation of unit
 2nd Start-up
 3rd Installation of unit
 3rd Start-up
Unit disposal
Maintenance register

General warnings

This attachment is an integral part of the user and maintenance manual. It must be kept carefully and made available to the operator for subsequent consultation.

Operators in all phases of installation, operation and maintenance of these machines must comply with all legislative requirements. All installation, operation, routine and extraordinary maintenance interventions must be carried out by qualified personnel.

Installation of the unit

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

Location data

Name	
Street	
Postcode - Town/City	
Telephone	
Place of installation	

Plant owner

Name	
Contact person	
Street	
Postcode - Town/City	
Telephone	

Specific data of the unit and plant

Article - Serial Number	
Coolant	
Quantity at origin [Kg]	
Construction year	
Plant type	<input type="checkbox"/> New <input type="checkbox"/> Extension of existing plant <input type="checkbox"/> Modification of existing plant <input type="checkbox"/> Spare part in an existing plant
Use	<input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Climatic

Installer data

Name of firm	
Street	
Postcode - Town/City	
Name of Installer	
Installation date	
Signature	

1st Start-up

To be compiled on first start-up of the unit

Specialised firm data

Name of firm	
Street	
Postcode - Town/City	
Name of Specialist	
Date of 1st start-up	
Signature	

Notes on the first installation

Notes	
-------	--

2nd Installation of unit

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

To be compiled if the machine is moved to a new building/location (for example, in case it is sold with a new installation).

Location data

Name	
Street	
Postcode - Town/City	
Telephone	
Place of installation	

Plant owner

Name	
Contact person	
Street	
Postcode - Town/City	
Telephone	

Plant specific data

Plant type	<input type="checkbox"/> New <input type="checkbox"/> Extension of existing plant <input type="checkbox"/> Modification of existing plant <input type="checkbox"/> Spare part in an existing plant
Use	<input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Climatic

Installer data

Name of firm	
Street	
Postcode - Town/City	
Name of Installer	
Installation date	
Signature	

2nd Start-up

To be compiled on first start-up of the unit in a new location/building.

Specialised firm data

Name of firm	
Street	
Postcode - Town/City	
Name of Specialist	
Date of first start-up (2nd installation)	
Signature	

Notes on the first installation

Notes	
-------	--

3rd Installation of unit

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

To be compiled if the machine is moved to a new building/location (for example, in case it is sold with a new installation).

Location data

Name	
Street	
Postcode - Town/City	
Telephone	
Place of installation	

Plant owner

Name	
Contact person	
Street	
Postcode - Town/City	
Telephone	

Plant specific data

Plant type	<input type="checkbox"/> New <input type="checkbox"/> Extension of existing plant <input type="checkbox"/> Modification of existing plant <input type="checkbox"/> Spare part in an existing plant
Use	<input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Climatic

Installer data

Name of firm	
Street	
Postcode - Town/City	
Name of Installer	
Installation date	
Signature	

3rd Start-up

To be compiled on first start-up of the unit in a new location/building.

Specialised firm data

Name of firm	
Street	
Postcode - Town/City	
Name of Specialist	
Date of first start-up (3rd installation)	
Signature	

Notes on the first installation

Notes	
-------	--

Disposal

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

Location data

Name	
Street	
Postcode - Town/City	
Telephone	
Place of installation	

Plant owner

Name	
Contact person	
Street	
Postcode - Town/City	
Telephone	

Specific data of unit

Article - Serial Number	
Coolant	
Quantity [Kg]	
Construction year	

Data of specialised firm carrying out disposal

Name of firm	
Street	
Postcode - Town/City	
Name of specialist	
Date of decommissioning from service	
Signature	

Notes

The plant must be emptied in an appropriate manner under instructions of its owner.

The coolant must be collected and disposed of according to directives.

The oil must be collected and disposed of according to directives.

Maintenance register

Periodic checks are foreseen by law. These are subject to European Regulation 842/2006 of 17 May 2006, an extract of which is given below which does not substitute knowledge of the entire Regulation.

1. Checks must be carried out by certified personnel in compliance with article 5 of the Regulations.
2. Each check must be registered using a maintenance certificate (following pages).
3. On the technical data label and in the attachments the machine coolant quantity must be shown.
4. The control interval of machines varies according to whether they are hermetically sealed or not. See technical data label.
5. In case of gas leakage and subsequent repair, the machine must be checked again for any leaks one month after repair.

kg of hermetically sealed fluorinated greenhouse gases in the coolant circuits.	Frequency	Check
Refrigerant < 6kg	---	No leakage check.
6kg ≤ Refrigerant < 30kg	1 Year	Leakage check.
30kg ≤ Refrigerant < 300kg	6 Months	Leakage check.
Refrigerant ≥ 300kg	3 Months	Leakage check.

kg of fluorinated greenhouse gases in the coolant circuits NOT hermetically sealed.	Frequency	Check
Refrigerant < 3kg	---	No leakage check.
3kg ≤ Refrigerant < 30kg	1 Year	Leakage check.
30kg ≤ Refrigerant < 300kg	6 Months	Leakage check.
Refrigerant ≥ 300kg	3 Months	Leakage check.

Maintenance certificate

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

Specialised firm data

Name of firm	
Street	
Postcode - Town/City	
Name of specialist	
Date of check and/or maintenance	
Signature	

Check / maintenance data

Intervention carried out / parts replaced	Coolant in kg withdrawn / introduced

Next check

Date of next check	
Signature	

Maintenance certificate

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

Specialised firm data

Name of firm	
Street	
Postcode - Town/City	
Name of specialist	
Date of check and/or maintenance	
Signature	

Check / maintenance data

Intervention carried out / parts replaced	Coolant in kg withdrawn / introduced

Next check

Date of next check	
Signature	

Maintenance certificate

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

Specialised firm data

Name of firm	
Street	
Postcode - Town/City	
Name of specialist	
Date of check and/or maintenance	
Signature	

Check / maintenance data

Intervention carried out / parts replaced	Coolant in kg withdrawn / introduced

Next check

Date of next check	
Signature	

Maintenance certificate

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

Specialised firm data

Name of firm	
Street	
Postcode - Town/City	
Name of specialist	
Date of check and/or maintenance	
Signature	

Check / maintenance data

Intervention carried out / parts replaced	Coolant in kg withdrawn / introduced

Next check

Date of next check	
Signature	

Maintenance certificate

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

Specialised firm data

Name of firm	
Street	
Postcode - Town/City	
Name of specialist	
Date of check and/or maintenance	
Signature	

Check / maintenance data

Intervention carried out / parts replaced	Coolant in kg withdrawn / introduced

Next check

Date of next check	
Signature	

Maintenance certificate

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

Specialised firm data

Name of firm	
Street	
Postcode - Town/City	
Name of specialist	
Date of check and/or maintenance	
Signature	

Check / maintenance data

Intervention carried out / parts replaced	Coolant in kg withdrawn / introduced

Next check

Date of next check	
Signature	

Maintenance certificate

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

Specialised firm data

Name of firm	
Street	
Postcode - Town/City	
Name of specialist	
Date of check and/or maintenance	
Signature	

Check / maintenance data

Intervention carried out / parts replaced	Coolant in kg withdrawn / introduced

Next check

Date of next check	
Signature	

Maintenance certificate

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

Specialised firm data

Name of firm	
Street	
Postcode - Town/City	
Name of specialist	
Date of check and/or maintenance	
Signature	

Check / maintenance data

Intervention carried out / parts replaced	Coolant in kg withdrawn / introduced

Next check

Date of next check	
Signature	

Maintenance certificate

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

Specialised firm data

Name of firm	
Street	
Postcode - Town/City	
Name of specialist	
Date of check and/or maintenance	
Signature	

Check / maintenance data

Intervention carried out / parts replaced	Coolant in kg withdrawn / introduced

Next check

Date of next check	
Signature	

Maintenance certificate

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

Specialised firm data

Name of firm	
Street	
Postcode - Town/City	
Name of specialist	
Date of check and/or maintenance	
Signature	

Check / maintenance data

Intervention carried out / parts replaced	Coolant in kg withdrawn / introduced

Next check

Date of next check	
Signature	

Maintenance certificate

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

Specialised firm data

Name of firm	
Street	
Postcode - Town/City	
Name of specialist	
Date of check and/or maintenance	
Signature	

Check / maintenance data

Intervention carried out / parts replaced	Coolant in kg withdrawn / introduced

Next check

Date of next check	
Signature	

Maintenance certificate

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

Specialised firm data

Name of firm	
Street	
Postcode - Town/City	
Name of specialist	
Date of check and/or maintenance	
Signature	

Check / maintenance data

Intervention carried out / parts replaced	Coolant in kg withdrawn / introduced

Next check

Date of next check	
Signature	

Maintenance certificate

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

Specialised firm data

Name of firm	
Street	
Postcode - Town/City	
Name of specialist	
Date of check and/or maintenance	
Signature	

Check / maintenance data

Intervention carried out / parts replaced	Coolant in kg withdrawn / introduced

Next check

Date of next check	
Signature	

Maintenance certificate

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

Specialised firm data

Name of firm	
Street	
Postcode - Town/City	
Name of specialist	
Date of check and/or maintenance	
Signature	

Check / maintenance data

Intervention carried out / parts replaced	Coolant in kg withdrawn / introduced

Next check

Date of next check	
Signature	

Maintenance certificate

For plants with a synthetic coolant content greater than 3kg if not hermetically sealed or 6kg if hermetically sealed (see technical data label).

Specialised firm data

Name of firm	
Street	
Postcode - Town/City	
Name of specialist	
Date of check and/or maintenance	
Signature	

Check / maintenance data

Intervention carried out / parts replaced	Coolant in kg withdrawn / introduced

Next check

Date of next check	
Signature	