



NOVELAN

SUPPLEMENT TO THE OPERATING MANUAL

LOGBOOK FOR HEATPUMPS

according to EU Regulation
(EC) 517/2014

Refrigerant		Other specifications					
Type / Quantity	Event *)	Specialist/Recycling firm, address	Certification number	Result	Event **)	Date	Signature, stamp

Please write number: *) 1 = returned, 2 = reprocessed, 3 = refilled, 4 = recycled

**) 5 = installation, 6 = control, 7 = repair, 8 = decommissioning

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Contents

1	Notes on use of the logbook	2
2	Heat pump nameplate	3
3	EC Declaration of Conformity	3
4	Servicing overview	4
5	Servicing record	10
6	Additional details for the withdrawal from service (decommissioning)	15

1 Notes on use of the logbook

According to EU regulation (EC) 517/2014, certain heat pumps must be checked for leakage and a logbook must be kept by law.

The criterion for whether it is necessary to perform leak testing and to keep a logbook is the CO₂ equivalent of the heat pump.

Please refer to the servicing overview to see whether the refrigerating circuit of your heat pump has to be tested for leaks and if so, at what intervals.



NOTE

The logbook must only be kept if your heat pump has to be tested for leaks.

The values and details in the servicing overview are only applicable if the logbook was in the scope of supply of the heat pump. Otherwise the values must be calculated on the basis of the following formula.

You will find the required information on the nameplate of the heat pump. No tests are required for R290.

$$\text{CO}_2\text{-equivalent [t]} = \frac{\text{GWP} \times \text{capacity (charge) [kg]}}{1000}$$

CO ₂ -equivalent	Test interval / months
< 5t	no test
< 10t	hermetic. no test
≥ 5t	not hermetic 12. with LES* 24
≥ 10t	hermetic 12. with LES* 24
≥ 50t	6. with LES* 12

* LES = Leakage recognition system

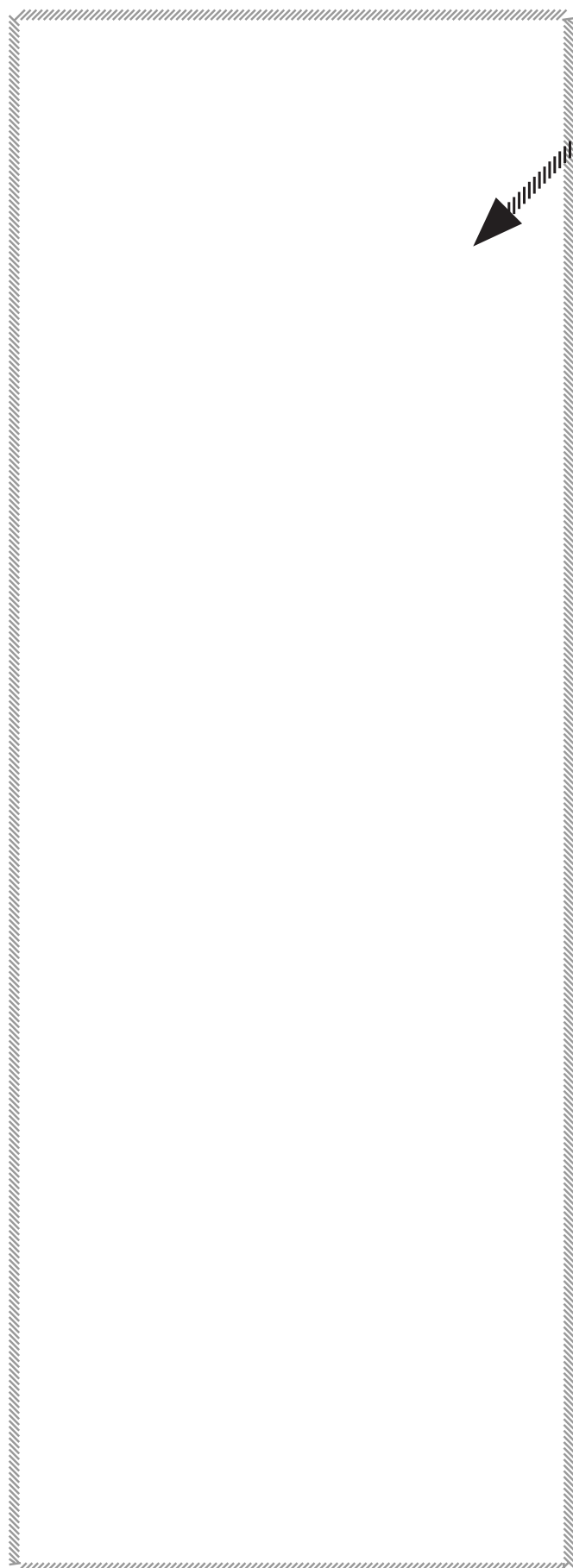
If you are obliged to keep a logbook for your heat pump and to perform leak testing as well, stick the nameplate (supplied with the heat pump) on the table provided in the logbook.

Leak tests must be performed by certified personnel (refrigeration system manufacturers)!

You can contact our customer service to arrange a leak test. The relevant costs are given in our price list.

All refrigerants we use, except R290, are fluorinated greenhouse gases.

The log book must be kept for 5 years after withdrawal from service.



2 Heat pump nameplate

Please stick in the nameplate included with the heat pump here. or alternatively please copy the relevant details from the nameplate and enter them in the column.

Type	-----
Article number	-----
Serial number	-----
Unit index	-----
Refrigerant	-----
Capacity (charge)	-----
hermetic	-----
non hermetic	-----

3 EC Declaration of Conformity

→ The respective EC Declaration of Conformity is available from the manufacturer.



4 Servicing overview

Article number	Type designation	Refrigerant name	Capacity (Charge) [kg]	GWP value acc.to IPCC4 (AR4)	hermetic	CO ₂ equivalent [t CO ₂]	Test interval with leakage detection (on site) Months	Test interval without leakage detection Months
10379841	Jabbah 5	R410A	1.50	2088	N	3.1	–	–
10379941	Jabbah 7	R410A	2.55	2088	N	5.3	24	12
10364901	LA 16.1HV	R410A	4.00	2088	Y	8.4	–	–
10354532	LA 18	R407C	6.80	1774	Y	12.1	24	12
10354632	LA 25.1	R407C	9.80	1774	Y	17.4	24	12
10378932	LA 30	R448A	10.00	1387	N	13.9	24	12
10375002	LAP 45	R410A	23.00	2088	N	48.0	24	12
10377641	LAV 82.R1/3	R410A	3.00	2088	Y	6.3	–	–
10377741	LAV 12.2R3	R410A	3.60	2088	Y	7.5	–	–
10377841	LAVS 82.R1/3	R410A	3.00	2088	Y	6.3	–	–
10377941	LAVS 12.2R3	R410A	3.60	2088	Y	7.5	–	–
10364801	LI 16.1HLV	R410A	4.00	2088	Y	8.4	–	–
10364701	LI 16.1HV	R410A	4.00	2088	Y	8.4	–	–
10353402	LI 18	R407C	6.80	1774	Y	12.1	24	12
10353502	LI 18L	R407C	6.80	1774	Y	12.1	24	12
10353602	LI 25.1	R407C	9.80	1774	Y	17.4	24	12
10353702	LI 25.1L	R407C	9.80	1774	Y	17.4	24	12
10378702	LI 30	R448A	10.00	1387	N	13.9	24	12
10378802	LI 30L	R448A	10.00	1387	N	13.9	24	12
10377041	LICV 8.2R1/3	R410A	3.00	2088	Y	6.3	–	–
10377141	LICV 12.2R3	R410A	3.60	2088	Y	7.5	–	–
10377241	LIV 8.2R1/3	R410A	3.00	2088	Y	6.3	–	–
10377341	LIV 12.2R3	R410A	3.60	2088	Y	7.5	–	–
10380041	Polaris 4	R454B	1.64	466	Y	0.76	–	–
10374642	SI 23.2H3	R410A	3.20	2088	Y	6.7	–	–
10374742	SI 26.2H3	R410A	3.30	2088	Y	6.9	–	–
10374842	SI 30.2H3	R410A	3.70	2088	Y	7.7	–	–
10368041	SIC 4.2H3	R410A	1.05	2088	Y	2.2	–	–
10368241	SIC 8.2H3	R410A	1.72	2088	Y	3.6	–	–
10368342	SIC 10.2H3	R410A	1.98	2088	Y	4.1	–	–
10368442	SIC 12.2H3	R410A	2.25	2088	Y	4.7	–	–
10368542	SIC 14.2H3	R410A	2.38	2088	Y	5.0	–	–
10368642	SIC 17.2H3	R410A	2.65	2088	Y	5.5	–	–
10368742	SIC 19.2H3	R410A	2.78	2088	Y	5.8	–	–
10371541	SICV 6.2H3	R407C	1.16	1774	Y	2.1	–	–
10371741	SICV 6.2K3	R407C	1.16	1774	Y	2.1	–	–
10376741	SICV 9.2H3	R407C	1.25	1774	Y	2.2	–	–
10376841	SICV 9.2K3	R407C	1.25	1774	Y	2.2	–	–
10372841	SICV 12.2H3	R407C	2.00	1774	Y	3.5	–	–
10372941	SICV 12.2K3	R407C	2.00	1774	Y	3.5	–	–

Keys: – no test | Y hermetic | N not hermetic



Servicing overview

Article number	Type designation	Refrigerant name	Capacity (Charge) [kg]	GWP value acc.to IPCC4 (AR4)	hermetic	CO ₂ equivalent [t CO ₂]	Test interval with leakage detection (on site) Months	Test interval without leakage detection Months
10371641	SICV 16.2H3	R407C	2.20	1774	Y	3.9	–	–
10371841	SICV 16.2K3	R407C	2.20	1774	Y	3.9	–	–
10361402	SIP 37.1	R410A	7.20	2088	Y	15.0	24	12
10361502	SIP 45.1	R410A	8.20	2088	Y	17.1	24	12
10361602	SIP 58.1	R410A	11.20	2088	Y	23.4	24	12
10361702	SIP 69.1	R410A	13.40	2088	Y	28.0	24	12
10361802	SIP 29.1H	R134a	6.70	1430	Y	9.6	–	–
10362102	SIP 56.1H	R134a	12.80	1430	Y	18.3	24	12
10380141	WSV 4.2K3M	R410A	0.90	2088	Y	1.9	–	–
10372041	WSV 6.2H3M	R407C	1.16	1774	Y	2.1	–	–
10372241	WSV 6.2K3M	R407C	1.16	1774	Y	2.1	–	–
10376341	WSV 9.2H3M	R407C	1.25	1774	Y	2.2	–	–
10376641	WSV 9.2K3M	R407C	1.25	1774	Y	2.2	–	–

Keys: – no test | Y hermetic | N not hermetic

Specifications for devices for which this logbook was not in the scope of supply / that cannot be found in the list:

Article number	Type designation	Refrigerant name	Capacity (Charge) [kg]	GWP value acc.to IPCC4 (AR4)	hermetic	CO ₂ equivalent [t CO ₂]	Test interval with leakage detection (on site) Months	Test interval without leakage detection Months

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5 Servicing record

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Type / Quantity	Event *)	Specialist/Recycling firm. address	Certification number	Result	Event **)	Date		

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6 Additional details for the withdrawal from service (decommissioning)



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Subject to technical amendments without prior notice.

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