



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.

$$\text{CO}_2\text{-equivalent [t]} = \text{GWP} \times \text{capacity[kg]} / 1000$$

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

* LRS = 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)!

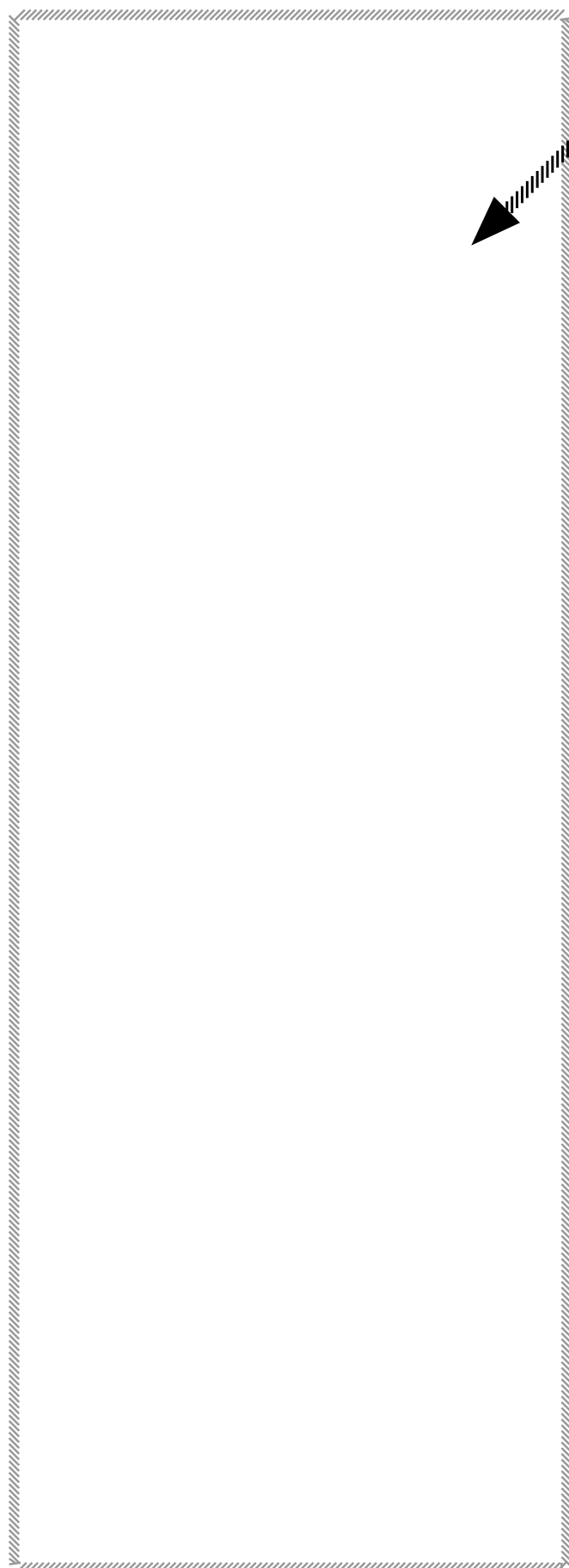
You can contact our customer service to arrange a leak test. The relevant costs are given in our price list.

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

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

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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

Art. No.

Serial number

Unit index

Refrigerant/capacity (charge).....

Hermetic

Non hermetic

EC Declaration of Conformity



The respective EC Declaration of Conformity is in the heat pump operating manual



Servicing overview

Article No.	Type designation alpha innotec	"Refrigerant name"	"Charge [kg]"	GWP value	Her- metic	"CO2 equivalent [t CO2]"	Test interval with leakage detection (on site) / months	Test inter- val without leakage detection / months
10637204	AP-BW30-110	R407C	19,00	1774	N	33,7	24	12
10637304	AP-BW30-125	R407C	18,80	1774	N	33,4	24	12
10637404	AP-BW30-160	R407C	20,70	1774	N	36,7	24	12
10637604	AP-BW30-85H	R134a	17,00	1430	N	24,3	24	12
10644046	AP-AW10-6C	R407C	2,95	1774	Y	5,2	-	-
10644146	AP-AW10-8C	R407C	3,20	1774	Y	5,7	-	-
10644246	AP-AW10-10C	R404A	4,10	3922	Y	16,1	24	12
10644346	AP-AW10-12C	R404A	4,50	3922	Y	17,6	24	12
10654602	AP-AW30-25E	R407C	9,80	1774	Y	17,4	24	12
10654702	AP-AW30-31E	R404A	10,00	3922	N	39,2	24	12
10661402	AP-BW30-37	R410A	7,20	2088	Y	15,0	24	12
10661502	AP-BW30-45	R410A	8,20	2088	Y	17,1	24	12
10661602	AP-BW30-58	R410A	11,20	2088	Y	23,4	24	12
10661702	AP-BW30-69	R410A	13,40	2088	Y	28,0	24	12
10661802	AP-BW30-29H	R134a	6,70	1430	Y	9,6	-	-
10662102	AP-BW30-56H	R134a	12,80	1430	Y	18,3	24	12

Key:

- no test
- Y hermetic
- N not hermetic

Specifications for devices for which this logbook was not in the scope of supply:

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Servicing record

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

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

*) 1 = returned, 2 = reprocessed, 3 = refilled, 4 = recycled



Servicing record

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

*) 1 = returned, 2 = reprocessed, 3 = refilled, 4 = recycled

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



Additional details for the withdrawal from service (decommissioning):

(AT) KNV Energietechnik GmbH, Gahberggasse 11, 4861 Schörfling
Tel: +43 (0)7662 8963-0 Fax: +43 (0)7662 8963-44 E-mail: mail@knv.at www.knv.at

(CH) NIBE Wärmetechnik AG, Winterthurerstrasse 710, CH-8247 Flurlingen
Tel: (52) 647 00 30 Fax: (52) 647 00 31 E-mail: info@nibe.ch www.nibe.ch

(CZ) Druzstevni zavody Drazice s.r.o, Drazice 69, CZ - 294 71 Benatky nad Jizerou
Tel: +420 326 373 801 Fax: +420 326 373 803 E-mail: nibe@nibe.cz www.nibe.cz

(DE) NIBE Systemtechnik GmbH, Am Reiherpfahl 3, 29223 Celle
Tel: 05141/7546-0 Fax: 05141/7546-99 E-mail: info@nibe.de www.nibe.de

(DK) Vølund Varmeteknik A/S, Member of the Nibe Group, Brogårdsvej 7, 6920 Videbæk
Tel: 97 17 20 33 Fax: 97 17 29 33 E-mail: info@volundvt.dk www.volundvt.dk

(FI) NIBE Energy Systems OY, Juurakkotie 3, 01510 Vantaa
Puh: 09-274 697 0 Fax: 09-274 697 40 E-mail: info@nibe.fi www.nibe.fi

(FR) AIT France, 10 rue des Moines, 67500 Haguenau
Tel : 03 88 06 24 10 Fax : 03 88 06 90 15 E-mail: info@nibe.fr www.nibe.fr

(GB) NIBE Energy Systems Ltd, 3C Broom Business Park, Bridge Way, Chesterfield S41 9QG
Tel: 0845 095 1200 Fax: 0845 095 1201 E-mail: info@nibe.co.uk www.nibe.co.uk

(NL) NIBE Energietechnik B.V., Postbus 634, NL 4900 AP Oosterhout, NETHERLANDS
Tel: 0168 477722 Fax: 0168 476998 E-mail: info@nibenl.nl www.nibenl.nl

(NO) ABK AS, Brobekkveien 80, 0582 Oslo, Postadresse: Postboks 64 Vollebakk, 0516 Oslo
Tel. sentralbord: +47 23 17 05 20 E-mail: post@abkklima.no www.nibeenergysystems.no

(PL) NIBE-BIAWAR Sp. z o. o. Aleja Jana Pawła II 57, 15-703 BIAŁYSTOK
Tel: 085 662 84 90 Fax: 085 662 84 14 E-mail: sekretariat@biawar.com.pl www.biawar.com.pl

(RU) © "EVAN" 17, per. Boynovskiy, Nizhny Novgorod
Tel./fax +7 831 419 57 06 E-mail: info@evan.ru www.nibe-ewan.ru

NIBE AB Sweden, Box 14, Hannabadsvägen 5, SE-285 21 Markaryd
Tel: +46-(0)433-73 000 Fax: +46-(0)433-73 190 E-mail: info@nibe.se www.nibe.eu

