

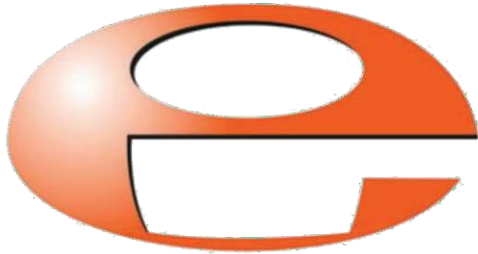
edwardsvacuum.com

nEXT 730/930D/1230H

Air Cooler

INSTRUCTION MANUAL

Official Distributor in Australia



EZZI VISION

Vacuum and Thin Film Technology

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Why Choose Ezzi Vision?

'Partner with excellence in Vacuum Technology, opt for Ezzi Vision'

Decades of Expertise: With 30+ years in the industry, Ezzi Vision is highly experienced in vacuum technology and its applications.

Quality Assurance: We ensure that every Edwards pump meets the highest standards of performance and reliability.

Innovative Solutions: Leading in technological advancements, we provide the latest Edwards pumps, known for their innovation and efficiency.

Customer-Centric: Ezzi Vision delivers personalized service and expert advice to meet your needs.

Nationwide: Ezzi Vision brings quality vacuum solutions to all of Australia.

After-Sales Support: We provide comprehensive support to maintain your equipment's longevity and efficiency.

Sustainable Practices: Our products at Ezzi Vision align with contemporary environmental standards, promoting sustainable practices in your business operations.

With Ezzi Vision propel your business forward using state-of-the-art technology and steadfast support.

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Disclaimer

The content of this manual may change from time to time without notice. We accept no liability for any errors that may appear in this manual nor do we make any expressed or implied warranties regarding the content. As far as practical we have ensured that the products have been designed and constructed to be safe and without risks when properly installed and used in accordance with their operating instructions.

We accept no liability for loss of profit, loss of market or any other indirect or consequential loss whatsoever.

Product warranty and limit of liability are dealt with in our standard terms and conditions of sale or negotiated contract under which this document is supplied.

You must use this product as described in this manual. Read the manual before you install, operate, or maintain the product.

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1. Description

The air cooling unit cools the nEXT 730/930D/1230H turbomolecular pumps. Refer to the pump operating instructions for information about which pumps the air cooling unit can be connected to.

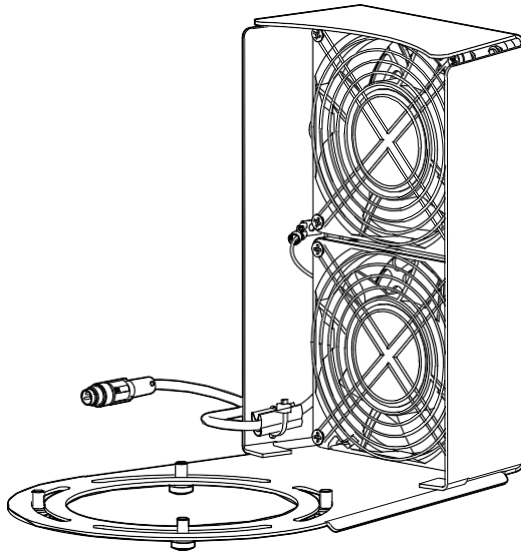
Do not fit the air cooling unit to other pumps. Do not operate the air cooling unit if it has not been correctly fitted.

1.1 Supplied equipment

Pre-assembled fan in housing with power supply cable and M8 plug.

Four bolts for fitting the air cooling unit to the pump.

Figure 1 Example of an air cooling



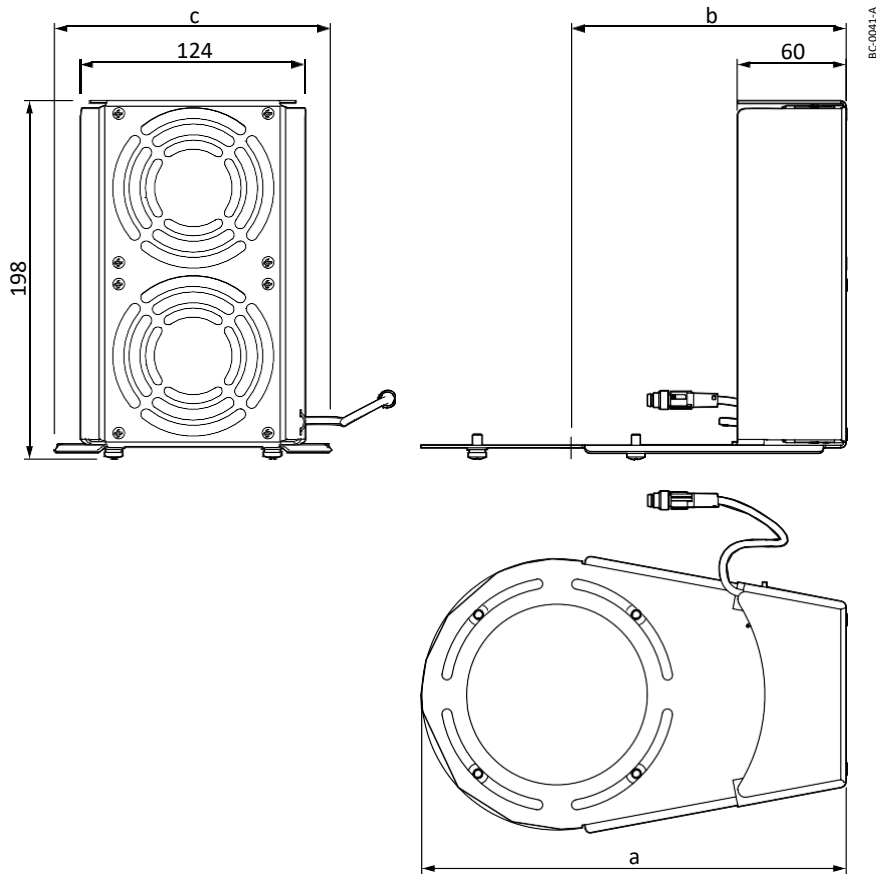
1.2 Technical data

Air cooling	for nEXT 730/930D	for nEXT 1230H
Supply voltage	24 V DC	24 V DC
Current rating	142 mA	142 mA
Power rating	3.4 W	3.4 W
Volume flow	119 m ³ /h	119 m ³ /h
Operating temperature	5 to 45 °C	5 to 45 °C
Ingress protection	IP 40	IP 40
Weight, approx.	1130 g	2500 g

1.3 Ordering data

Air cooling for nEXT 730/930D	B8J200800
Air cooling for nEXT 1230H	B8J200801

Figure 2 Dimensions in mm



Air cooling for	a	b	c
nEXT 730/930D	235	125	153
nEXT 1230H	265	185	162

2. Installation and operation



CAUTION: BURNS

Touching hot surfaces may lead to burns.

Switch off the pump and allow it to cool before you install the air cooling unit.

Read and understand the operating instructions for the pump.

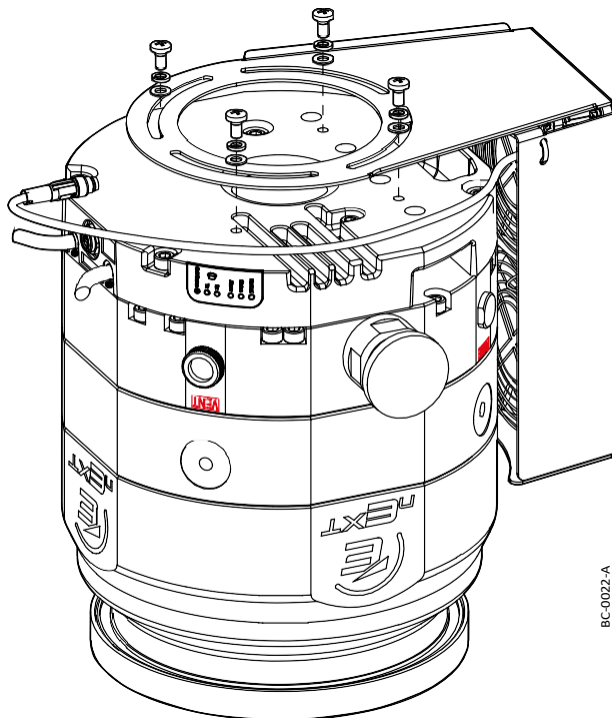
Make sure that there is sufficient ventilation to operate a pump with the air cooling unit. The air cooling unit is powered by the pump.

Use the 4 bolts to attach the air cooling unit at the bores provided on the vacuum pump. Connect the control cable of the air cooling unit to the accessory connection and secure the connection.

The air cooling unit can be turned after loosening the bolts. The angle is possibly restricted by the accessories attached.

The accessory connection is pre-configured so that the air cooling is always running when the pump is running. To change this setting, refer to the pump instructions.

Figure 3 Example for mounting of an air cooling



BC-0022-A

EU Declaration of Conformity

Edwards Ltd
Innovation Drive
Burgess Hill
West Sussex
RH15 9TW
UK

Declare that the following product

Air cooler for Turbomolecular Pumps
B8J200800
B8J200801

Is in conformity with the relevant requirements of European CE legislation:

2006/42/EC

Machinery directive

Note: The safety objectives of the Low Voltage Directive 2014/35/EU were complied with in accordance with Appendix 1 No. 1.5.1 of this directive.

2014/30/EU

Electromagnetic compatibility (EMC) directive

2011/65/EU

Restriction of certain hazardous substances (RoHS) directive
as amended by Delegated Directive (EU) 2015/863

Based on the relevant requirements of harmonised standards:

EN 1012-2:1996 +A1:2009

Compressors and vacuum pumps. Safety requirements. Vacuum pumps

EN 61326-1:2013

Electrical equipment for measurement, control and laboratory use. EMC requirements.
General requirements
Class B Emissions, Industrial Immunity

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This declaration, based on the requirements of the listed Directives and EN ISO/IEC 17050-1, covers all product serial numbers from this date on: *23th February 2021.*

This declaration becomes invalid if modifications are made to the product.



Dr. Thomas Dreifert – Engineering Manager
Product Company Cologne



Axel Guddas – General Manager
Product Company Cologne

Additional Legislation and Compliance Information

EU EMC Directive: Class A/B Industrial equipment

Caution: This equipment is not intended for use in residential environments and may not provide adequate protection to radio reception in such environments.

EU REACH Regulation Compliance

This product is a complex article which is not designed for intentional substance release. To the best of our knowledge the materials used comply with the requirements of REACH. The product manual provides information and instruction to ensure the safe storage, use, maintenance and disposal of the product including any substance based requirements.

Article 33.1 Declaration

This product does not knowingly or intentionally contain Candidate List Substances of Very High Concern above 0.1%ww by article as clarified under the 2015 European Court of Justice ruling in case C-106/14.

