

USER MANUAL



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heatbox™



NORSPRAY
EN DEL AV BEJERTECH

Introduction



HeatBox is a patent-protected air-driven heat cabinet with adjustable Vortex heating element, approved for Ex-zone1.

Purpose and Usage

The equipment is intended to heat up painting, coating, oil and lubricants.



Use Restrictions

- HeatBox must not be used to heat sealed containers or fluids with lower ignition point than 140 Degrees Celsius.
- The equipment must only be used when it's on a level and stable surface.
- HeatBox has warm interior surface and can cause burns if in contact with bare skin.
- Make sure that HeatBox is emptied of contents under transportation.
- Use only compressed air that meet the ISO 8573 standard for quality and that does not exceed 8 bar.
- Do not heat up containers / bins with a diameter larger than 28 cm.



Before use

- Check the HeatBox for external damage and loose objects
- Make sure the lid is properly fixed and that the HeatBox is placed on stable surface.
- Make sure that the HeatBox surface is not covered with paint or oil products. This is to maintain Ex-requirements.
- Attach the grounding clamp to adequate grounding.
- Connect compressed air to the HeatBox (maximum 8 Bar). Always use a safety wire on the hose connection.
- Adjust to the desired temperature by using the valve wheel marked with red and blue arrows.
- Place the paint or oil product that requires heating into the HeatBox.
- Read the HeatBox internal temperature using the thermometer on top lid.

Cleaning and maintenance

- Use suitable cleaners (eg. White spirit) on HeatBox surface. Avoid the use of Lynol, Xylene etc.
- Make sure that the sign certification is readable at all times.



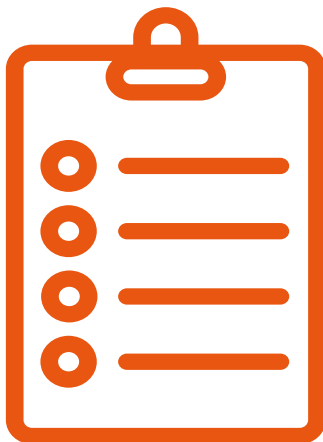
Warranty Conditions

HeatBox is provided with a 2-year warranty. The warranty on the product only applies when the product is used with current guidelines described in this manual. The warranty does not cover damage that has occurred by mechanical impact, shock or if there has been used compressed air that is not in accordance with ISO 8573.



The statutory requirements and regulations

Det Norske Veritas is authorized organ and has participated in CE type approval according to EN 60079-0 clause 7.3.2A and 26.13 for approval to HeatBox HT-Zone1.



Approval



DET NORSKE VERITAS

ACKNOWLEDGEMENT OF RECEIPT - EC

ACKNOWLEDGEMENT NO. 4161-2014-CE-NOR

This Acknowledgement consists of 3 pages

This is to confirm that the Technical File for the following product(s):

Heat Box
with type designation(s)
HT-Sone 1

Manufactured by

Norspray AS

Maskinveien 10, 4033 Stavanger

has been received and stored according to

the conformity assessment procedure described in Article 8.1.(b).(ii), of Council Directive 94/9/EC (ATEX) of 23 March 1994, category 2 non-electrical equipment.

Further details are given overleaf.

Place and date
Høvik, 2014-02-14
for DET NORSKE VERITAS AS


Bjørn Spongsveen
Certification Manager



This Acknowledgement is valid until
2017-02-14

Notice: The acknowledgement is subject to terms and conditions overleaf. Any significant changes in design or construction may render this acknowledgement invalid. The digitally signed and electronically distributed document is the original and valid acknowledgement. Ref.: www.dnv.com/digitalsignatures

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 300.000. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.

Technical specification

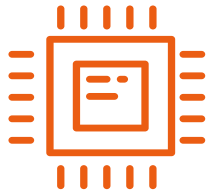
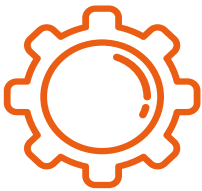
Dimensions: 860 x 40 x 40 mm

Recommended working pressure: 5 bar

Min / Max pressure: 4 bar minimum, maximum 8 bar

Air consumption: 280 l /min. at 4 bar.

Weight: 17.4 kg



Producer

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Distributors



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