



TROX IDH Induction Unit Ceiling Installation Guide

[Home](#) » [TROX](#) » TROX IDH Induction Unit Ceiling Installation Guide 

Contents

- [1 TROX IDH Induction Unit Ceiling](#)
- [2 Product Information](#)
- [3 Installation](#)
- [4 Operation](#)
- [5 Maintenance](#)
- [6 FAQ](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)

TROX[®] TECHNIK

TROX IDH Induction Unit Ceiling



Product Information

Specifications

- **Type:** IDH
- **Installation:** Ceiling installation
- **Air Discharge:** One-way or two-way
- **Heat Exchanger:** Vertical
- **Condensate Drip Tray:** Yes

Application Range

The IDH Induction unit is designed for heating and cooling in large internal spaces such as exhibition or production halls. It is suitable for freely suspended installation.

Optional Equipment and Accessories

- **Control System:** One-way or two-way air discharge
- **Powder Coating:** Available in many different colours, e.g. RAL CLASSIC

Installation

To install the IDH Induction unit, follow these steps:

1. Select a suitable location on the ceiling for installation.
2. Ensure that the ceiling can support the weight of the unit.
3. Connect the necessary ductwork to the unit for air supply and discharge.

4. If using the condensate drip tray, position it correctly below the unit to collect any condensation.
5. Securely mount the unit to the ceiling using appropriate hardware.

INSTALLATION EXAMPLE IDH

Type IDH

Induction unit for ceiling installation, with one-way or two-way air discharge, vertical heat exchanger and condensate drip tray Induction unit for heating and cooling, with 2-pipe heat exchanger, for freely suspended installation in large internal spaces, e.g. exhibition or production halls. The condensate drip tray is useful if the temperature temporarily falls below the dew point.

- Very high heating capacity and cooling capacity (up to 27 kW) when installed at a height of 8 to 25 m
- High comfort levels due to low airflow velocity in the occupied zone
- Non-combustible nozzles made of aluminium
- Motorised damper blade allows for precise setting of air discharge direction
- Heat exchanger with plain Cu pipe (Ø22 mm) for the water connection

Optional equipment and accessories

- Control system
- One-way or two-way air discharge
- Powder coating in many different colours, e.g. RAL CLASSIC

For further product information please [click here](#)

Operation

Once the IDH Induction unit is properly installed, follow these instructions to operate it:

1. Ensure that the unit is connected to a suitable power source.
2. Set the desired temperature and mode (heating or cooling) using the control system.
3. Monitor the unit to ensure proper air discharge and temperature regulation.
4. If using the condensate drip tray, periodically check and empty it as needed.

Maintenance

To maintain the IDH Induction unit and ensure its optimal performance, follow these maintenance guidelines:

1. Regularly clean the unit's air filters to remove dust and debris.
2. Inspect the unit for any signs of damage or malfunction.
3. If necessary, contact a qualified technician for repairs or servicing.

FAQ

- **Q: What is the purpose of the condensate drip tray?**


A: The condensate drip tray is useful when the temperature temporarily falls below the dew point. It collects

any condensation to prevent water damage.

- **Q: Can I choose a custom color for the powder coating?**

A: Yes, the IDH Induction unit is available with powder coating in many different colors, including those from the RAL CLASSIC color palette. Please consult the product information for available options.

Documents / Resources

	TROX IDH Induction Unit Ceiling [pdf] Installation Guide IDH Induction Unit Ceiling, IDH, Induction Unit Ceiling, Unit Ceiling, Ceiling
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References

- [TROX UK - Industry leading manufacturers and suppliers of superior quality air conditioning, ventilation, fire and smoke protection systems, components and controls | TROX UK Ltd](#)
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