

Watts Vision®

Building energy efficient homes in Nyborg

Case Study





SCOPE
87 apartments

- **WHO**
Star VVS
- **WHAT**
Underfloor heating and smart home controls in new apartments
- **HOW**
Watts Vision® underfloor heating system
- **WHERE**
Nyborg, Denmark
- **WHEN**
August 2020

Watts Vision® is an intelligent Smart Home system which is designed to control both hydronic and electric underfloor and radiator heating, lighting and other electrical appliances. Thanks to its integrated WiFi module house settings can be monitored and changed via smart phone or tablet.



Smart home seaside living in Nyborg

Situated at Strandhøjen in Nyborg, Star VVS is carrying out a plumbing contract for 87 new apartments in a beautifully situated building with a view of the Great Belt. These elegant new apartments are designed to be energy efficient and Star VVS has chosen the Watts Vision® underfloor heating control to deliver smart heating controls for the Watts underfloor heating system being installed in the apartments.

At Watts we understand the environmental and energy saving benefits of installing underfloor heating with smart home controls in new apartment buildings. Watts Vision® was identified by Star as providing a high quality, cost-effective underfloor heating system for the apartments in Nyborg which would be supported by the product expertise of the Watts team.

Watts Account Manager Kasper Bruun Christensen explains “We’ve been working closely with the on-site Star VVS team to support them with the initial installation of Watts Vision® in the first completed apartments and support the plumbers to understand how to pair and balance the system.

This project is ideal for Watts Vision® and the system will provide a comfortable, smart living environment for the new residents. By being on-site with them for the initial installations, we’re able to give their team confidence in using and installing Watts Vision® on this project but also on future ones too.

When customers choose Watts Vision® underfloor heating, we are always happy to undertake site visits to provide setup advice as well as guide them on balancing, commissioning and encoding to ensure they maximise the benefits from the system.”



Watts Vision® Benefits

Watts Vision® allows a user friendly and intuitive operation and management of multi-zone systems, temperature settings and time schedules. The central unit is equipped with a colour touch screen of 4.3" in a choice of languages, and can control up to 50 Zones (heating, lighting, plugs).

Multi device controls are available for a wide range of applications: Electrical Floor Heating Control, Electrical Panel Heater Control, Electrical light and plug control, Energy Metering for electrical devices, Heating and Hydraulic Control for boilers, electronic thermostatic heads and underfloor heating.

Watts Vision® offers a wide product portfolio consisting of analogue and digital room thermostats, wall mounted receivers, flush mounted receivers and plug receivers, electronic thermostatic heads, master device for hydraulic underfloor heating.

Underfloor Heating System Installation

Products Used



Room Thermostat
BT-A02-RF

Radio Connection
Box BT-M6Z02 RF



Electronic
Actuator
22CX



Compact
Control Unit
FRG 3015F



Stainless Steel UHF
Manifold with flowmeters
HKV2013AF





Watts

Watts Industries Nordic offers a wide range of high-quality products, accompanied by secure deliveries, and supplies Original Equipment Makers and wholesalers mainly in Scandinavia and Europe.

Thanks to our vast product range, Watts is the ideal partner for developing any type of system engineering solution that integrates different energy sources for the purpose of constructing zero-energy buildings.

For more information regarding the Watts Vision® underfloor heating system, please call **+45 8652 0032**. Or send an email to: **wattsnordic@wattswater.com**

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