

# EXPERT NEWS #4 2021

INTERVIEWS, REPORTS, NEWS, TIPS AND INSPIRATION FROM NIBE ENERGY SYSTEMS

## SMART AT SOLBACKEN

Solar + S-series are a big hit with two neighbours on a new housing estate.

NEW!

## POWERFUL, COMPACT AND QUIET

The new NIBE S2125 air source heat pump belongs to our S-series.



*“We’re here for you and want you to call.”*

Meet Sefika Karlsson, an enthusiastic heat pump engineer from our service department.

## WELCOME RELIEF

Ground-source heating with passive cooling for seniors.

## SUSTAINABLE PROFILE

Sunne El & VVS want to practise what they preach.

## SMART ENERGY SOURCE

Let the control unit select the cheapest heat source.



# “Together we’ve sold more heat pumps in 2021 than ever before!”

Niklas Rönnäng  
Sales Director, NIBE Energy Systems

## Dear NIBE Friends!

It feels positive that we’re slowly recovering some pre-pandemic normality and can now meet face-to-face! This re-energises us.

Last year was a really special and turbulent year which saw us doing everything in our power to help our mutual customers, something we intend to keep doing. Thanks to our good partnership with you and a high level of trust from our customers – and despite the pandemic and component shortage – we’ve sold more heat pumps in 2021 than ever before. Now let’s all keep our fingers crossed that the component shortage will be resolved, so we can get back to our usual good delivery situation.

In the meantime, we’ll be launching more new products. The latest is our new and improved premium air source model. A powerful machine with a higher supply temperature, which is even quieter and offers all the S-series smart features. Read more about it on the next page.

The fluctuations in Swedish electricity prices last autumn can’t have escaped anyone’s attention. That’s why we want to beat the drum for our smart, connected products that can automatically control the choice of heat source according to the energy price. So don’t miss the Smart Energy Source article and the interview with Michael Lindahl in this issue.



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### MARKO TESTS

Is everything about the S-series easy? Marko tests the RPP 10 repeater.

Finally, I’d like to take this opportunity to thank you. After almost eight incredibly enjoyable and educational years at NIBE, it’s time for me to move on to new challenges. I’d like to thank you so much for all our fun and rewarding meetings over the years. I wish you all a really restful and well-deserved holiday.

Merry Christmas and a Happy New Year!



**24 SOLAR PANELS IN A SUNNY SOUTH POSITION**  
Read more on Page 12!

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NIBE Energy Systems Markaryd  
**Printing:**

Optimal Kommunikation

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Please let us know!**

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**"We want to practise what we preach and switch to more climate-neutral vans at work. We'll also be installing NIBE solar panels, two S-series heat pumps and our own charging posts."**

Expert profile Robin Svensson, Sunne EI & VVS

*Read more on Page 10!*



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### IMPROVEMENT AND SAVINGS POSITIVE FOR RETIREMENT HOME

A brand-new building was ready to move into in August this year, making the retirement home twice as big – and passive cooling makes it twice as pleasant for the residents. A successful partnership between all the stakeholders, including NIBE, resulted in a saving of 508,937 kWh/year.

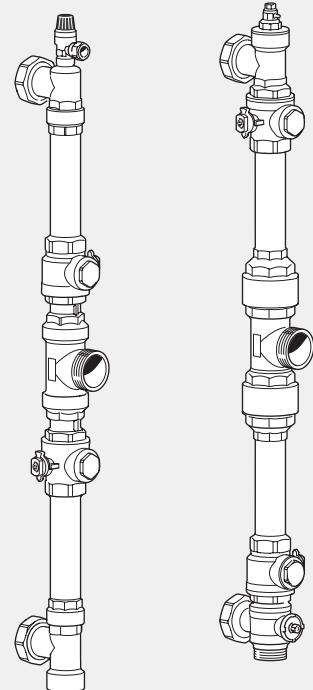


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### HOW WEATHER FORECAST CONTROL WORKS

Here's how your customers can enjoy even and pleasant heating in any weather, and reduce their energy costs and carbon footprint.



### NEW!

### MORE PLUG & PLAY WITH FMS 40 AND FMS 42

Our new FMS 40 pipe kit makes it even easier to connect two compressor modules when you install the NIBE F1345/55 heat pump.

The accessory kit contains a safetyvalve, venting, filter and shut-offvalves. There's also an FMS 42 version which includes a reversing valve for hot water and pool. FMS stands for Fast Mounting System.

*Read more about the accessory kits at [proffs.nibe.se](http://proffs.nibe.se)*

## NIBE TRAINING



**"Hello! Our Spring 2022 training programme will soon be available with both on-site courses in Markaryd and Stockholm – and online. Here you can acquire the expertise that increases your confidence as a professional and which you can share with your colleagues. These courses are also a great way to keep track of what's happening in our industry, meet industry colleagues and, most importantly, take an inspiring break from day-to-day life. Be on the lookout at [proffs.nibe.se](http://proffs.nibe.se). See you there!"**

Anna Nilsson, Training and Visitor Coordinator at NIBE



## BENEFITS OF NIBE S2125-8 and 12

- High seasonal performance factor\* and low operating costs.
- Working range up to 75°C supply temperature and 65°C at an outdoor temperature of -25°C.
- New low-noise design.
- Refrigerant with a low climate impact.

**NEW!**

# THE NIBE S2125 IS POWERFUL, COMPACT AND QUIET.

We've made our premium model even better.

"With the NIBE S2125-8 and 12, we get a new powerful machine in the same compact size as the NIBE F2120-8. It has a higher supply temperature, is even quieter, and has all the smart features afforded by the connected platform," says Stefan Lundqvist, Product Manager for Sweden.

## NIBE S2125 – with a higher supply temperature

With its new air source heat pump, NIBE has developed an even more robust and reliable design in the same compact size as the F2120-8.

"Our new S2125 offers many advantages," notes Stefan Lundqvist. It has a working range of up to 75°C and a supply temperature of 65°C at -25°C – as well as a high SCOP that reaches 5.0 and a sustainable refrigerant with a low climate impact\*.

**"It's even quieter than the equivalent F2120 models."**

"One of the features that makes the F2120 so popular is its low noise level," Stefan continues, "and the new design of the S2125 makes it even quieter. In addition, Silent Mode is available to further lower the sound volume. Another benefit of the new S2125 is its improved cooling performance, which is timely in light of the increased demand for cooling we're experiencing, especially in the Swedish market. Installing one or two convectors, for example, ensures that you can enjoy a pleasant indoor climate at home all year round."

## Offers all the S-series benefits

The new model belongs to the S-series and combined with an indoor module from the same series, it offers all the benefits of the digital technology platform. Together with NIBE's many years' experience of inverter-

controlled compressors, this has resulted in high system efficiency. The model is also suitable for the VVMs in our F-series.\*\* New advanced technology in the indoor modules enhances energy efficiency and ensures more reliable operation.

"The S-series' VVMs contain intelligent circulation pumps that not only control the speed but also provide the control unit with confirmation that the preferred flow is being produced. There is also an inbuilt flow meter that controls the flow and measures the energy the heat pump emits. If the pressure drop in the heating system increases, the heat pump can order the circulation pump to increase speed to compensate for this. The speed increases and the former flow is restored," explains Stefan Lundqvist.

This connectivity also comes with several smart and energy-saving features.

"One example is that the heat pump can adapt to the weather forecast and the customer's hot water needs, which allows for higher savings with no loss of comfort.

***"Our new air source heat pump, like the entire S-series, is designed to meet future challenges in technology and innovative design, with high quality and sustainability requirements at every stage."***

Stefan Lundqvist, Product Manager Sweden at NIBE

And with SPA\*\*\* (Smart Price Adaption), we can make the heat pump work more when the electricity price is at its lowest for optimised savings."

Expectations of the new products are high. "Our air source sales have been strong for several years and we have high ambitions for our new model. Thanks to our broad product portfolio, we're always able to offer the right product for each customer," concludes Stefan.

\*NIBE S2125 has SCOP 5.0 (Average climate 35°C) and SCOP >4.1 (Cold climate 35°C) according to European Norm, EN 14825:2018, i.e. the applicable standard for determining the reference annual efficiency, SCOP. Applies to S2125 -8 and 12.

\*\*Only NIBE S2125-8 fits NIBE VVM 225.

\*\*\* Requires variable hourly tariff contract.



***"This is a major improvement for the residents. Energy consumption has also been slashed by 72%."***

Fredrik Snygg, Regional Manager for commercial properties at NIBE



*Robert Brandting, Project Manager at LR Installation  
and Magnus Augustsson, HVAC Consultant.*

# RESIDENTS ENJOY PLEASANT WARMTH AND WELCOME COOLNESS.

**When the Vetlandavägen retirement home doubled in size, its pellets boiler was insufficient. With the hot summer of 2018 in mind, the choice of new system was simple.**

**"We had major problems with the heat and opted early on for ground-source heating with passive cooling," says Pär Jonasson, technical manager at Riksbyggen.**

Mållila is a small community about ten kilometres from Hultsfred. It's famous for speedway with the Dackarna and for record-breaking summer temperatures. But from next summer, the Vetlandavägen (formerly Hemgården) residents will be able to enjoy the same level of indoor comfort all year round.

Heatwaves seem a long way off when Expert News visits. It's a chilly autumn day and around 0°C. But inside the brand-new building with 27 apartments, which was ready in August this year, it's a pleasant 22°C. The work to renovate the 27 apartments in the old building into 23 newly renovated ones will be finished this summer.

"When the project started, we'd just had the hot summer of 2018 and the residents had suffered in the heat," explains Pär Jonasson. Then it got worse for them during the coronavirus pandemic, as we weren't allowed to have additional fans. So we decided at an early stage on ground-source heating and passive cooling, and to work with NIBE, which is a well-known brand."

## NIBE acted as sounding board

NIBE and Meisab VVS & Energikonsult were brought in as sounding boards for Riksbyggen. Together, they discussed their way to a quotation based on a solution with four 60 kW NIBE F1345s and Cetetherm AquaEfficiency for hot water. LR Installation in Oskarshamn was hired and Robert Brandting, one of their key people, was put in charge of the project. "We're quite a large firm of 180 employees and

have a lot of in-house skills," says Robert, "but we're getting help with certain aspects. HVAC consultant Magnus Augustsson, with whom we have a good partnership, has designed, dimensioned and commissioned the plant." "NIBE has a broad product portfolio with well-thought-out system solutions and we enjoy a good working relationship with the NIBE representatives. We've worked together on quite a few projects over the years," says Magnus.

## A customised solution

"We installed three new ventilation units with passive cooling that provide cooling in each resident's room," Magnus continues. In some of the shared rooms, we supplemented with fan-coil units for some additional cooling if necessary."

NIBE subsidiary Cetetherm's AquaEfficiency hot water solution was chosen to meet the high demand for hot water and it also effectively solved the HWC losses.

"It's a safe and cost-effective solution for a retirement home with large hot water flows," Magnus explains. We were also able to reuse three 1,000-litre accumulator tanks to store heating water – reusing good products makes sound economic as well as environmental sense."

The entire plant is controlled and monitored from a master system at Riksbyggen, with the option of connecting the plant to NIBE Uplink. "We capture any alarm signals centrally and send information to our customer service, which is on call 24/7," explains Pär Jonasson.

## Positive for residents

The heating in the *cont. next page* new building has been in operation since the beginning of the year.

"The final inspection was completed at the end of July, so we were able to run the passive cooling this summer," continues Pär. →



There are many south-facing rooms and the cooling was a welcome relief when the heatwave arrived in late summer. The residents feel that this is very positive.

The entire project is expected to be completed by July 2022, so the figures are only preliminary as yet. But the calculations speak for themselves. This significantly reduces energy consumption, which also means much lower carbon dioxide emissions.

"Previously, they consumed a total of 707,800 kWh and now they'll only use 198,863 kWh, which is a saving of 508,937 kWh/year, which is 72%," says Fredrik Snygg, Regional Manager for commercial properties at NIBE. "But we also need to remember that we've increased the energy need as we're now cooling the property."

By continually updating the software in the heat pumps, operation also gets better and better.

"Whenever I'm out adjusting systems, I also take the opportunity to update the software," reports Magnus Augustsson. Now the Vetlandavägen system has the latest software, including target temperature control with several compressors, which makes it even better and more energy efficient.

"We're very pleased," concludes Pär Jonasson at Riksbyggen. ■



*Four NIBE F1345-60s with passive cooling improved the indoor climate and more than halved energy consumption.*

#### **Vetlandavägen retirement home in Hultsfred municipality**

Size: Two buildings totalling 4,200 sqm

Buildings: One from the 1980s with 27 existing apartments that will be 23 newly renovated and one new with 27 apartments.

Conversion: from oil and pellets to ground-source heating

4 x NIBE F1345-60 with passive cooling

Bore holes: 19, drilling depth 3,600 m

CETETHERM AquaEfficiency for hot water

Purchased energy before installation: 707,800 kWh/year

Calculation of purchased energy after installation:

198,863 kWh/year

Energy saving: 72%

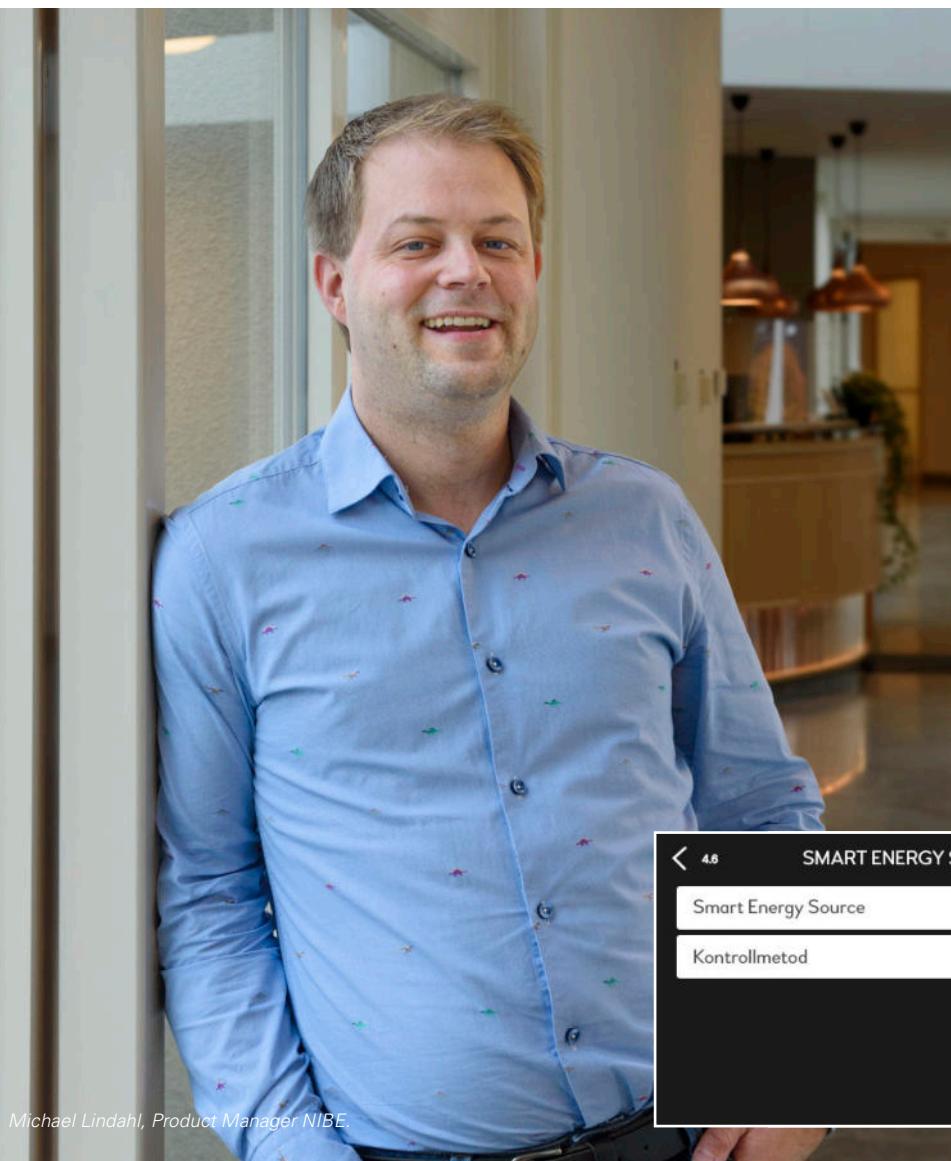
Calculation of reduced CO<sub>2</sub> emissions: 49,382 kg/year



## SMART ENERGY SOURCE

# PRICE OPTIMISATION FOR PROPERTIES.

With Smart Energy Source, the control unit can automatically select heating in the property at the lowest price. "It's a smart way for the customer to take advantage of a temporarily lower price on another energy source and then return to the heat pump when the district heating tariff is higher," says Michael Lindahl, Product Manager at NIBE.



Michael Lindahl, Product Manager NIBE.

Depending on the electricity price, season and availability of surplus heat, district heating may sometimes be cheaper. With the Smart Energy Source feature, the heat pump selects the cheapest option.

"It's a control system with an advanced scheduling function that can be found in the software of all our new control modules, heat pumps and indoor modules in the S-series," explains Michael Lindahl. It reads data and calculates the cost per delivered kilowatt hour in the connected systems and compares them.

While the customer must enter the district heating tariff manually, the electricity data comes automatically from NordPool. This feature works for both one and multiple heat pumps, regardless of whether you have ground-source heating or air source heating.

"It's a popular solution for both residential and industrial buildings connected to district heating," Michael explains. A typical case might be a housing cooperative that benefits from keeping district heating for domestic hot water during the summer if the price is very low. Sometimes cheap surplus heat is available and it makes sense to use it instead of running the heat pumps.

"You could always choose the energy source manually, of course, but this is a way of ensuring that the customer gets the lowest price without doing anything. Simply program and run," Michael concludes.

## EXPERT PROFILE

# “The dream is to be involved in building a completely climate-neutral house.”

**Sunne El and VVS attracts customers with a sustainable profile and system solutions from NIBE.**

**“We’ve noticed that many more people are choosing sustainable solutions today, compared to when we started in 2015,” says Robin Svensson, one of the co-owners of the company.**

Sunne is a town in Värmland, on the shore of Lake Fryken. Sunne El and VVS has its office and warehouse there. The company’s new electric van – complete with decals to convey its sustainability message – is parked outside.

Sunne El and VVS was founded in 2015 by electrician Peter Jansson and plumber Robin Svensson. When Expert News meets Robin one day at the end of October, he’s just spent the whole day in the office invoicing.

“Our growth has meant that I spend more time in the office but I’m okay with that,” says Robin, who will soon have been working in the industry for 15 years.

This is a close-knit and motivated team of ten employees.

“We’re having a lot of fun together, travelling to trade fairs and whatnot – I think that’s important,” says Robin. “Now that isn’t possible because of the pandemic. We meet up for coffee every morning before we go to wherever we’re working, and often get together after work as well.”

### Strong demand in Sunne

The fact that many people are moving to Sunne and lots of us are spending more on our homes during the pandemic has been positive for Sunne El and VVS.

“There’s a sense that a lot of people are moving here from Stockholm and converting summer houses into permanent homes,” explains Robin. There are many single-family homes here and a lot of new homes are under construction in the town and surrounding countryside. “We’ve had a well-developed fibre-optic network for some time now, which is a definite advantage for people working from home.

The demand for heat pumps and solar panels is generally quite high,” continues Robin.



### Sunne VVS AB, Värmland, Sweden

Owners: electrician Peter Jansson and plumber Robin Svensson

Established: 2015

Employees: Ten people

Operations: Energy-efficiency improvements for houses

Turnover approx. SEK 15 million

The electricity price is high, and the pandemic seems to have increased rather than reduced demand. Working from home means you notice its impracticalities and want to rebuild, and you have more money to spare for renovations.

### Choosing sustainability now

Robin sees some clear differences in the jobs they do now compared to six years ago. “None of our customers wanted solar panels or electric car chargers back then, whereas lots of people want them today. Almost all the new houses we’re involved with these days are being built with a ground source heat pump, FTX and passive cooling. I myself am having solar panels installed in November.”

The company now has a completely different mindset towards making sustainable choices and helping others to do the same. Switching to climate-neutral work vehicles is part of this. “We want to practise what we preach,” says Robin, “for example, everyone who is out on a job should have an electric van. Our goal is for as many of our vehicles as possible to be powered by electricity, but the vans currently available lack sufficient range. We now have one electric van that I use and we’ve ordered another. There are long delivery times and we hope to get it before the winter; we want to see how they work before we buy more. The building we’re sitting in currently uses district heating. This is a large housing cooperative about to convert to a mix of ground-source heating, with two NIBE S1155-25s, and we’re



Peter Olsson, Robin Svensson, Madelene Halvarsson, Stefan Karlsson (NIBE district salesperson) and Johan Wallander at Sunne EL & VVS.

also planning to install solar panels. So in the future, our EVs will be charged with self-generated solar power, at home and at work."

#### Good relationship with NIBE

Robin only has good things to say about NIBE and NIBE's products.

"We're going all in for NIBE – you have quality products with a modularity to build on, everything works well together with control, passive cooling, solar cells, and the apps provide very good data. It's also good that you

**"Our goal is for as many of our vehicles as possible to be powered by electricity"**

can have several climate zones, e.g. different underfloor heating systems, connected to myUplink."

Robin has a good working relationship with NIBE district salesperson Stefan Karlsson. He enjoys his job and appreciates his colleagues in the industry.

"Sunne is a friendly place. We collaborate and borrow stuff from each other when necessary – and there's a lot of goodwill between local businesses," concludes Robin Svensson. ■

Robin Svensson by a solar panel installation in Sunne.





## SOLAR ELECTRICITY + S-SERIES

# A WINNING COMBO SPREADING IN SOLBACKEN.

Neighbours on the Solbacken housing estate in Sunne are competing to see who can generate the most solar electricity. The Lindgren Edströms were the first family to move into the new housing estate.

"Our neighbour has four more solar panels than us and their roof faces east/west, while ours faces south," reports Per-Olov Lindgren, whose solar panels are generating 3,137 watts on a sunny afternoon in late October.

**"All parts of our heating system talk to each other and we can easily keep track of everything via myUplink."**



**Maria Edström, Per-Olov Lindgren, Karl 10, Philip 3 and their cat Ossi.**

Year of construction: 2021

Newly built single-family house: 220 sqm, 7 rooms plus kitchen, conservatory, outdoor spa, garage

Heating system: underfloor heating

Energy solution: Ground source heat pump S1255-6 and accessories for passive cooling, 24 solar panels totalling 325 Watt and myUplink. Estimated energy consumption: Heating, hot water and ventilation 5,550 kWh/year and household electricity 6,100 kWh/year. The solar panels should contribute 7,000 kWh/year.

The new Solbacken housing estate is located next to Lake Fryken in south-east Sunne. There are 25 plots and four new-build houses here. The Lindgren Edströms were the first to move into the estate, which is situated on a hillside overlooking the lake, with the forest as a backdrop. They've lived here since the spring. "It's rural but modern," explains Maria Edström, who lives here with her husband Per-Olov, their children Karl 10 years and Filip 3 years, and their cat Ossi.

**From wood-burning to smart heating**

The family moved from a 1960s house in central Sunne, with a wood-fired boiler and air/air heat pump.

"When we used the boiler it was always too hot, up to 40 degrees, and when the air/air heat pump was on, it was only warm in one room," recalls Maria.

The New England-style house has horizontal white panelling. It's 220 sqm with seven rooms plus kitchen. They've built a conservatory, an outdoor spa on the patio, and a separate garage

with a pulpit roof that's perfect for solar panels. "It's a very well-insulated house, with insulation in the slab, 230mm insulation in the walls and underfloor heating everywhere, even in the conservatory and the garage," explains Per-Olov.

"We did some research into solar panels," Per-Olov continues. "Our installer proposed a comprehensive solution from NIBE. It felt reassuring that everything is the same brand, that the different parts of the system can talk to each other and that you can benefit from this."

They chose a NIBE S1255 in the new S-series, with wireless connectivity and the myUplink app. The choice of ground-source heating was natural as the rock is only 15 cm below the surface, plus they could easily connect passive cooling from the start.

"We used the cooling system last summer and it was great," says Maria.

The house's energy declaration estimates the



total consumption at 11,650 kWh per year. The solar panels installed at the end of May are estimated to generate 7,000 kWh per year. For comparison, the heat pump is expected to consume 4,100 kWh and the ventilation 1,450 kWh per year.

"We chose to install them on the garage because it has a pulpit roof with a good angle towards the south to get the most out of them," Per-Olov reports.

**Comfortably warm everywhere**

Per-Olov and Maria are happy in their new house and are satisfied with the new intelligent climate system and the indoor comfort it provides.

"We now have even and comfortable heating everywhere in our home," Maria reports. "We can control it, so our bedroom stays cooler and the surplus heat goes to the bathrooms, where it's always nice to have some additional heating. And in Karl's room, which is in a sunny location, we can reduce the heat slightly."

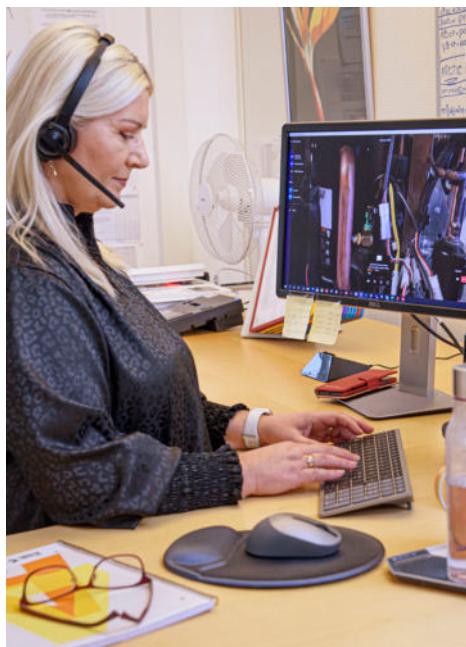
It was Per-Olov who told their neighbour about NIBE's system solution with solar panels. The two of them have discovered the fun of tracking the energy production from their solar panels via their smartphones.

"We've made it into a game – they have four solar panels more than us and theirs are located east/west, but we win," grins Per-Olov. ■

# EXPERT HELP FOR YOU.

## “We support everything that says NIBE”

35 people work in NIBE’s service department to provide technical support for all NIBE products worldwide. Everything from today’s connected products to 30-year-old wood-fired boilers. “We’re here for you and we want you to call,” says Sefika Karlsson, an enthusiastic heat pump engineer in the service department.



Sefika Karlsson has three technical training courses behind her, including the one at Kunskapscentrum in Markaryd which led her here. She’s worked in the service department for seven years, but has been at NIBE for 13 years. When she meets Expert News, she’s just taken a call from a consultancy firm in the Stockholm area.

“They wanted some advice about a ground-source heat pump that was in alarm mode. It was a persistent low pressure alarm that they were unable to reset and so I helped them.”

### Quick help with the right tools

The service department prides itself on providing quick help. This is why there are several ways to get help and tools that make things easier. One of them is a program called XMreality. This is similar to Facetime and means that you (the installer) can use your smartphone to film on site and your NIBE technician can see the film in real time on their computer screen.

If you have a service case and would like help from a service representative, you can either call the service department for help, or visit [proffs.nibe.se](http://proffs.nibe.se). The “Service request” tab provides information and allows you to complete the fault report in peace and quiet and send it.

“As soon as we’ve received it, we’ll send a work order via email to the nearest authorised service representative,” Sefika reports. “It’s a quick process and we prioritise urgent cases.”

### Enthusiastic engineer

It’s both her colleagues and her enthusiasm for her job that get Sefika out of bed every morning.

“We take good care of our customers; we’re

here for them,” she explains, as she holds out her arms in welcome and smiles widely. “We want you to feel happy and that you get good help when you call us. I pour my heart and soul into the calls that come in. Our customers deserve the satisfaction that comes from getting real help. It always gives me a warm feeling when I know that’s the case.”

After many years at NIBE and in the service department, she’s got to know many installers. “I recognise many people’s voices and they recognise me because I have an accent and I’m a woman. I’m from Bosnia, but many people’s first guess is Finland. I had some concerns before I started because this is a male-dominated industry, but I’m so happy and grateful – and impressed – that this doesn’t seem to matter to callers. They range from young, newbie heat pump engineers to professionals with 40 years in the field – all that matters to them is getting the help they need.”

The Service Department provides expert help to those of you working with NIBE products. In addition to providing technical support, it handles fault reports and warranty cases. With eyes and ears outwards, it also works closely with the quality department. Everyone here is an expert. Of the thirty-five people who work here, twenty-two have cutting-edge expertise in different fields. Since NIBE has subsidiaries and distributors all over the world, there are also engineers here providing support in several languages, such as German and English. “Everyone has specific areas of responsibility and shares their know-how,” reports Sefika Karlsson. “It’s a very easy-going department and we help each other.”

### XMreality

This is how it looks when you connect to the service via your smartphone.





*"There are no stupid questions. And it's great that you call us."*



© NIBE

UN

## WEATHER FORECAST CONTROL

# OUR SMART AND SUSTAINABLE NIBE S-SERIES.

**Weather forecast control is one of several smart features our NIBE S-series heat pumps offer. It can help your customers to enjoy even and pleasant heating in any weather, and reduce their energy costs and carbon footprint. How it works!**

This feature enables the heat pump to adapt to the weather forecast, which is especially good during very unsettled weather. The intelligent heat pump knows when there will be a change in the weather and can handle the temperature fluctuations even more effectively. Weather forecast data is obtained in advance and the heat pump adapts energy production accordingly. This allows it to provide a more even level of heating and more efficient operation than if your customer were to adjust the temperature up and down manually.

### Activate "Weather Control"

First and foremost, your customer needs to have a heat pump in the new NIBE S-series and it must be connected to the family's wireless home network. Then the customer downloads the free myUplink app on their smartphone or tablet and connects myUplink to their heat pump. The

customer can then access Menu 4.4 in the heat pump and activate the free-of-charge "Weather Control" feature. Done!

### More smart features

With myUplink and an S-series heat pump, the customer has access to more smart features, such as Smart Price Adaption\*, which means that the heat pump loads the heating when electricity is cheaper. With an S-series heat pump connected to myUplink, the customer always has the latest software for the best possible operation and energy saving, just one click away. By using advanced technology in combination with renewable energy, our S-series heat pumps offer high performance, reliable operation, and the opportunity for major savings for purse and planet.

### Accessories for enhanced comfort

For anyone wanting enhanced everyday comfort, there are also wireless accessories in the NIBE S-series. They make it even easier to customise indoor comfort – i.e. temperature, humidity and carbon dioxide – and energy consumption to individual needs.

Below we show you a simple way to activate Weather Control directly from the heat pump. ■

\*\*Requires a variable hourly tariff contract.



**Read more about**  
the intelligent NIBE S-series and all the smart services at [nibe.eu](http://nibe.eu)

**1. MIN ANLÄGGNING**  
41 Driftläge  
42 Plusfunktioner  
43 Profiler  
44 Väderstyrning  
45 Bortaläge

**2. VÄDERSTYRNING**  
Aktivera väderstyrning (switch on)  
Faktor 5

**3. VÄDERSTYRNING**  
Aktivera väderstyrning (switch on)  
Faktor 5

**4. VÄDERSTYRNING**  
Här kan du välja om du vill att anläggningen ska justera inomhusklimatet baserat på väderprognos.

## ACTIVATE WEATHER CONTROL

1. Connect the heat pump to the family home network.
2. Download myUplink onto a smartphone or tablet.
3. Connect myUplink to the heat pump.
4. Activate the "Weather Control" feature in Menu 4.4 in the heat pump's display.



# MAXIMISE WITH MARKO.

NIBE's technical correspondent Marko Hietaharju gives us his smart tips to make life simpler, more fun and possibly happier for NIBE installers. Do you have any issues that you'd like him to discuss here? Email Marko at [maxa@nibe.se](mailto:maxa@nibe.se)

## The clever RPP 10 accessory + advanced technology + easy = True or False?

**Everything to do with the S series is easy! But how easy is it – in reality?! I decided to try our smart home accessories and started with the switch, the RPP 10 repeater – and ended up happy and relieved!**



Let's be honest – many electronic gadgets are complicated and confusing for most of us. But NIBE's smart home accessories stand out from the crowd. I promise!

But first, what is a repeater? It's an amplifier that ensures the signal reaches the smart products that are far apart from each other. But it also has another fun feature – it's a smart on/off switch too.

### Get started in minutes

Follow the steps below to see if you agree with me. First, make sure that your, or the customer's, S-series heat pump is connected and updated with the latest software. Let's get started!

1. Put the RPP 10 in a wall socket close to the heat pump and access the display on the heat pump.
2. In the main menu, go to Connection, Menu 5. There you select Wireless Units, Menu 5.4.
3. Now click Add Unit and then wait until the heat pump has made contact with the repeater. This may take a few minutes.
4. Done! Now you can move the RPP 10 to wherever you want! Could that be any easier?

### Jack of all trades

Now you have an amplifier that also moonlights as a power socket – and not just any old socket! What do I mean by amplifier? If you have several smart accessories, one of them may be too far away from your heat pump so the signal between them is too weak. This is where the RPP 10 comes into its own and acts a springboard between the heat pump and the smart accessories. Because it's a smart switch, you can set a timer in the power outlet. For example, you can set it to turn a light on and off at any time, or to start the coffee maker at the same time every morning. If you want to be able to control the outlet via myUplink on your smartphone, you'll need a myUplink Premium subscription. The RPP 10 also has an energy meter that makes it easy to monitor energy consumption in the outlet.

You then see:



Here you see how often we've started the coffee machine at work.

So, yes, the NIBE S-series and the myUplink smart accessories ARE easy to use!

In the next issue, we'll be testing the new RMU S40 room unit.

Now that you professionals are up to speed, why not tell your customers how simple it is?

Good luck!  
/ Marko





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NEW!

# Comfort and efficiency. All year round.



Just because the seasons change, the indoor climate doesn't have to change with them. The new NIBE S2125 is our most powerful air source heat pump to date and works energy-efficiently with low noise levels throughout the year. So your customers can ignore the weather and just enjoy the comfort of their home. And garden.

Discover the S-series at [proffs.nibe.se](http://proffs.nibe.se)

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