NEW

NIBE™ F2120

A breakthrough in efficiency

Air/water heat pump with a SCOP value better than 5.0!*  

Class leading working range  
Max 65 °C supply temperature and a up to sensational 63 °C at as low as –25 °C ambient

Extremely installer-friendly  
Self-adjusting control system means true plug-and-play installation

3-phase connection for all available sizes  
No need to upgrade fuses or rebuild electrical system

Less noise when it counts  
Silent fan with intelligent regulator keeps noise down to a minimum – even under full load.

• Inverter controlled compressor adapts power to meet the current heat demand.
• Provides cooling with flow temperature down to +7 °C.
• NIBE F2120 is intended to be combined with any of the indoor modules VVM, or control modules NIBE SMO.

NIBE F2120

Our new F2120-series of air/water heat pumps represent a real breakthrough in housewarming with a SCOP-value of more than 5.0. Or in other words; the pumps deliver more than five times as much heat, on an annual basis, as an electric heater using the same energy.

And what’s more, they have a class leading working range with a supply temperature of max 65°C and deliver up to an amazing 63°C at ambient temperatures as low as –25°C. All this while keeping noise levels exceptionally low. That’s what we call a real breakthrough in house warming.

We are well aware that this sounds a bit too good to be true, so talk to your NIBE dealer for a more in-depth explanation or have a look at www.nibe.eu

* NIBE F2120-8, -12 SCOP 4,8. NIBE F2120-16, -20 SCOP 5,1 
** NIBE F2120 have a SCOP >5.0 according to European Norm, EN 14825:2013 (Average climate, Low temperature), current standard used for determination of the reference seasonal coefficient of performance, SCOP.
Specifications
NIBE™ F2120

NIBE F2120 – part of your climate system

NIBE F2120 is intended to be combined with one of the indoor modules VVM, or control modules NIBE SMO.

An indoor module together with a NIBE F2120 forms a complete system for heating/cooling and hot water. Our flexible indoor modules provides efficient heating/cooling and hot water at a high performance. VVM indoor modules are all-in-one units including a smart and user-friendly control system, water heater, electrical addition, self-regulating circulating pump, etc.

The control modules, NIBE SMO, provides a flexible solution that easily can be customized. For solutions with NIBE SMO, system components such as water heaters, additional heat sources and other accessories are chosen specifically for the actual set-up. Up to 8 NIBE F2120 can be connected to one NIBE SMO40.

NIBE indoor modules and control modules offers a wide variety of system solutions and a wide range of accessories.

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<td>5,1/3,9</td>
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<td>Pd, 35 / 55 °C</td>
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Efficiency class 35/55°C product label
A+++/A+++

Efficiency class 35/55°C Package label
A++++/A+++

Sound power level (LwA), according to EN12102 at 7 / 45, nominal dB(A) 53

Rated voltage
230V–50Hz / 400V 3N–50Hz

Max operating current, heat pump Amax

Enclosure class
IP 24

Compressor
Inverter controlled EVI scroll compressor

Refrigerant amount (R410A) kg
2,4 2,6 3,0 3,0

CO₂-equivalent (hermetically sealed refrigerant circuit) t
5,01 5,43 6,26 6,26

Pipe connection Ø G1 1/4” male thread (Ø135 mm)

Max system pressure heating medium MPa
0,45 (4,5 bar)

Heating temp continuous operation °C
max 65 (~25/60) max 65 (~25/63)

Min/Max air temp °C
–25 / 43

Height mm
1070 1165 1165 1165

Width mm
1130 1280 1280 1280

Depth mm
610 612 612 612

Weight (excl. packaging) kg
150 160 183 183

Art no
064134 (1x230V) 064135 (3x400V)
064136 064137 064139 064141