

NEW!

NIBE F2025

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- Heat for heating system Yes
- Sizes Heating 14 kW
- Compressor Scroll
- Delivery temperature 58°
- Soft start Yes



NIBE F2025

NIBE F2025 is an air/water heat pump, specially designed for the Nordic climate.

NIBE F2025 utilises the outside air so there is no need for bore holes or coils in the ground. NIBE F2025 is designed to be docked to water based heating systems. New efficient scroll compressor that operates at temperatures down to -20 °C. Automatic 2-step capacity regulator for the fan (not 6kW). Integrated intelligent control for optimum control of the heat pump. NIBE F2025 is started by a start signal from another unit, return sensor or thermostat. The material has a long service life and

is designed to withstand the Nordic outdoor conditions. NIBE F2025 can also be used together with most electric boilers, oil boilers or similar. NIBE F2025 can be controlled from a specially designed control unit, SMO 10. This connects and disconnects additional heat and controls the changeover from room heating to domestic hot water heating. Using accessory KVT 10, the condensation water that is created can be collected and routed to a suitable drain.

Technical specifications NIBE F2025

| Type | (FIGHTER) | F2025-14 |
|--|-----------|----------------------|
| Delivered/supplied power* at 2/35 °C ** | (kW) | 12,7/3,5 |
| Delivered/supplied power* at 7/35 °C ** | (kW) | 14,5/3,7 |
| Delivered/supplied power* at -7/45 °C ** | (kW) | 9,6/3,8 |
| Delivered/supplied power* at 0/45 °C ** | (kW) | 11,7/4,0 |
| Delivered/supplied power* at 7/45 °C ** | (kW) | 14,1/4,3 |
| Delivered/supplied power* at -7/50 °C ** | (kW) | 9,5/4,2 |
| Delivered/supplied power* at 2/50 °C ** | (kW) | 12,2/4,5 |
| Delivered/supplied power* at 7/50 °C ** | (kW) | 13,9/4,6 |
| Delivered/supplied power* at 15/50 °C ** | (kW) | 16,6/4,8 |
| Delivered/supplied power* at -20/50 °C ** | (kW) | 6,6/3,9 |
| Starting current | (A) | 37 |
| Motor protection setting | (A) | 11 |
| Soft-start relay | | included as standard |
| Operating voltage | | 400 V 3NAC 50 Hz |
| Compressor | | scroll compressor |
| Nominal flow heating medium | (l/s) | 0,34 |
| Internal pressure drop at nominal flow | (kPa) | 2,7 |
| Min-/max pressure heating medium side | (bar) | 0,5/2,5 |
| Airflow | (m³/h) | 2250/3050 |
| Nominal output fan | (W) | 160/180 |
| Fuse | (A) | 16 |
| Enclosure class | | IP 24 |
| Max outgoing heating medium temperature | (°C) | 58 |
| Refrigerant quantity (R404A) | (kg) | 2,3 |
| Connection heating medium male Ø | | G1 (Ø 28 mm) |
| Defrosting system | | hot gas defrosting |
| Height with stand | (mm) | 1045 |
| Width mm | (mm) | 1200 |
| Depth mm | (mm) | 520 |
| Weight kg | (kg) | 140 |
| Colour | | painted grey/black |
| Lowest operational point, outdoor air/flow line | (°C) | -20/50 (-7/58) |
| Highest operational point, outdoor air/flow line | (°C) | 35/58 |



* Compressor, fan and control. Defrosting reduces the relationship between input/output by about 10%.

** Outside temperature/Flow temperature

We reserve the right to make changes in design and dimensions without prior notice.



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NIBE makes reservations for any factual or printing errors.