



ENERG
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NIBE

NIBE F1126-8



55 °C

35 °C



A++

A+++



43 dB



dB

■ 9
■ 9
■ 9

kW

■ 9
■ 9
■ 9

kW



2019

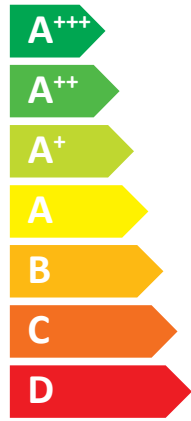
811/2013



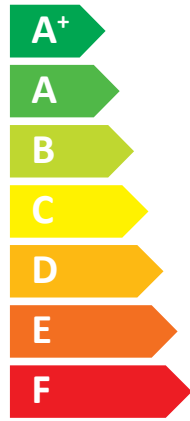
ENERG Y IJA
 енергия · ενεργεια IE IA



NIBE F1126-8 + VPB300



A++



A

43 dB

dB



- 9 kW
- **9 kW**
- 9 kW

2019

811/2013



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Y

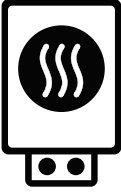




IJA

IE

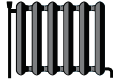


IA

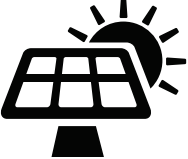
NIBE


NIBE F1126-8 + VPB300









XXL






+ 



+ 

+ 

+ 




XXL

| | | | |
|---|--------------------------------|------------|-----|
| Supplier's name: | NIBE | | |
| Model: | NIBE F1126-8 (+VPB 300) | | |
| Temperature application | 35 | 55 | °C |
| Declared load profile for water heating | XXL | | |
| Seasonal space heating energy efficiency class, average climate: | A+++ | A++ | |
| Water heating energy efficiency class, average climate: | A | | |
| Rated heat output, average climate: | 9 | 9 | kW |
| Annual energy consumption for space heating, average climate | 3978 | 4748 | kWh |
| Annual electricity consumption for water heating, average climate | 2145 | | kWh |
| Seasonal space heating energy efficiency, average climate: | 179 | 140 | % |
| Water heating energy efficiency, average climate: | 100 | | % |
| Sound power level LWA indoors | 43 | | dB |
| Rated heat output, cold climate: | 9 | 9 | kW |
| Rated heat output, warm climate: | 9 | 9 | kW |
| Annual energy consumption for space heating, cold climate | 4630 | 5695 | kWh |
| Annual electricity consumption for water heating, cold climate | 2145 | | kWh |
| Annual energy consumption for space heating, warm climate | 2592 | 3167 | kWh |
| Annual electricity consumption for water heating, warm climate | 2145 | | kWh |
| Seasonal space heating energy efficiency, cold climate: | 184 | 144 | % |
| Water heating energy efficiency, cold climate: | 100 | | % |
| Seasonal space heating energy efficiency, warm climate: | 178 | 137 | % |
| Water heating energy efficiency, warm climate: | 100 | | % |
| Sound power level LWA outdoors | - | | dB |

Data for package fiche

| | | | |
|--|-------------|------------|---|
| Controller class | III | | |
| Controller contribution to efficiency | 1,5 | | % |
| Seasonal space heating energy efficiency of package, average climate: | 180 | 141 | % |
| Seasonal space heating energy efficiency class for package, average climate: | A+++ | A++ | % |
| Seasonal space heating energy efficiency of package, cold climate: | 185 | 146 | % |
| Seasonal space heating energy efficiency of package, warm climate: | 179 | 139 | % |

| | | | | | | | |
|--|-------------------|--|-----|---|--------------------|------|-------------------|
| Model(s): | | NIBE F1126-8 + VPB300 | |  | | | |
| Type of heat source/sink: | | Brine-to-water | | | | | |
| Low-temperature heat pump: | | No | | | | | |
| Equipped with supplementary heater: | | Yes | | | | | |
| Heat pump combination heater: | | Yes | | | | | |
| Climate condition: | | Average | | | | | |
| Temperature application: | | Medium temperature (55 °C) | | | | | |
| Applied standards: EN14825, EN16147 and EN12102 | | | | | | | |
| Rated heat output | Prated | 8,50 | kW | Seasonal space heating energy efficiency | η_s | 140 | % |
| <i>Declared capacity for part load at outdoor temperature Tj</i> | | | | <i>Declared coefficient of performance for part load at outdoor temperature Tj</i> | | | |
| Tj = -7 °C | Pdh | 7,2 | kW | Tj = -7 °C | COPd | 3,18 | kW |
| Tj = +2 °C | Pdh | 7,4 | kW | Tj = +2 °C | COPd | 3,72 | kW |
| Tj = +7 °C | Pdh | 7,6 | kW | Tj = +7 °C | COPd | 4,08 | kW |
| Tj = +12 °C | Pdh | 7,7 | kW | Tj = +12 °C | COPd | 4,48 | kW |
| Tj = biv | Pdh | 7,2 | kW | Tj = biv | COPd | 3,26 | kW |
| Tj = TOL | Pdh | 7,0 | kW | Tj = TOL | COPd | 2,97 | kW |
| Tj = -15 °C (if TOL < -20 °C) | Pdh | | kW | Tj = -15 °C (if TOL < -20 °C) | COPd | | kW |
| Bivalent temperature | | | | Operation limit temperature | | | |
| | T _{biv} | -6 | °C | | TOL | -10 | °C |
| Cycling interval capacity for heating | | | | Cycling interval efficiency | | | |
| | P _{cyh} | | kW | | COP _{cyh} | | - |
| Degradation co-efficient | | | | Heating water operating limit | | | |
| | Cdh | 1,00 | - | | WTOL | 63 | °C |
| <i>Power consumption in modes other than active mode</i> | | | | <i>Supplementary heater</i> | | | |
| Off mode | P _{OFF} | 0,003 | kW | Rated heat output | P _{sup} | 1,5 | kW |
| Thermostat-off mode | P _{TO} | 0,001 | kW | Type of energy input | | | |
| Standby mode | P _{SB} | 0,007 | kW | Electric | | | |
| Crankcase heater mode | P _{CK} | 0,014 | kW | | | | |
| <i>Other items</i> | | | | | | | |
| Capacity control | fixed | | | Rated air flow rate, outdoors | | | m ³ /h |
| Sound power level, indoors/outdoors | L _{WA} | 43/- | dB | Rated water flow rate, indoor heat exchanger | | 0,77 | m ³ /h |
| Annual energy consumption | Q _{HE} | 4748 | kWh | Rated brine or water flow rate, outdoor heat exchanger | | 1,40 | m ³ /h |
| <i>For heat pump combination heater:</i> | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 100 | % |
| Daily electricity consumption | Q _{elec} | 9,77 | kWh | Daily fuel consumption | Q _{fuel} | | kWh |
| Annual electricity consumption | AEC | 2145 | kWh | Annual fuel consumption | AFC | | GJ |
| Approved by: | | | | | | | |
| Contact details | | © NIBE Energy Systems - Box 14 - Hannabadvägen 5 - 28521 Markaryd - Sweden | | | | | |