



ENERGY

NIBE

NIBE S1256-8



55 °C

35 °C



A+++

A+++



36 dB



dB

■ 7,5

■ **7,5**

■ 7,5

kW

■ 7,5

■ **7,5**

■ 7,5

kW



2019

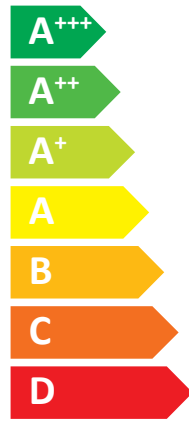
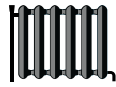
811/2013



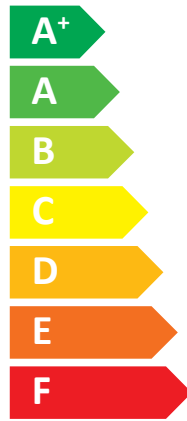
ENERGY

NIBE

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A+++



A+

36 dB

dB



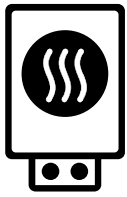
- 7,5 kW
- **7,5 kW**
- 7,5 kW



ENERGY

NIBE

NIBE S1256-8



A+++



A+



A+++

A++

A+

A

B

C

D

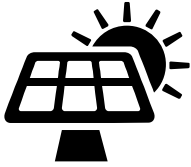
E

F

G

A+++

+



+



+



+



A+++

A++

A+

A

B

C

D

E

F

G

A+

| | | | |
|---|--------------|-------------|-----|
| Supplier's name: | NIBE AB | | |
| Model: | NIBE S1256-8 | | |
| Temperature application | 35 | 55 | °C |
| Declared load profile for water heating | XL | | |
| Seasonal space heating energy efficiency class, average climate: | A+++ | A+++ | |
| Water heating energy efficiency class, average climate: | A+ | | |
| Rated heat output, average climate: | 7,5 | 7,5 | kW |
| Annual energy consumption for space heating, average climate | 2732 | 3637 | kWh |
| Annual electricity consumption for water heating, average climate | 1331 | | kWh |
| Seasonal space heating energy efficiency, average climate: | 219 | 162 | % |
| Water heating energy efficiency, average climate: | 126 | | % |
| Sound power level LWA indoors | 36 | | dB |
| Rated heat output, cold climate: | 7,5 | 7,5 | kW |
| Rated heat output, warm climate: | 7,5 | 7,5 | kW |
| Annual energy consumption for space heating, cold climate | 3107 | 4167 | kWh |
| Annual electricity consumption for water heating, cold climate | 1331 | | kWh |
| Annual energy consumption for space heating, warm climate | 1765 | 2346 | kWh |
| Annual electricity consumption for water heating, warm climate | 1331 | | kWh |
| Seasonal space heating energy efficiency, cold climate: | 230 | 169 | % |
| Water heating energy efficiency, cold climate: | 126 | | % |
| Seasonal space heating energy efficiency, warm climate: | 219 | 163 | % |
| Water heating energy efficiency, warm climate: | 126 | | % |
| Sound power level LWA outdoors | | | dB |

Data for package fiche with SMO or VVM

| | | | |
|--|-------------|-------------|---|
| Controller class | CLASS VI | | |
| Controller contribution to efficiency | 4,0 | | % |
| Seasonal space heating energy efficiency of package, average climate: | 223 | 166 | % |
| Seasonal space heating energy efficiency class for package, average climate: | A+++ | A+++ | % |
| Seasonal space heating energy efficiency of package, cold climate: | 234 | 173 | % |
| Seasonal space heating energy efficiency of package, warm climate: | 223 | 167 | % |

| | | | | | | | | | | |
|--|-------------------|---|-----|--|---|-------------------|-------------------------------|-----|--------------------|-------|
| Model(s): | | NIBE S1256-8 | | NIBE | | | | | | |
| Type of heat source/sink: | | Brine/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 - EN12102-1 | | | | | | | | | | |
| Rated heat output | | Prated | 7,5 | kW | Seasonal space heating energy efficiency | | η_s | 162 | % | |
| <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 | 6,6 | kW | Tj = -7 °C | COPd | 3,25 | | | | |
| Tj = +2 °C | Pdh | 4,0 | kW | Tj = +2 °C | COPd | 4,26 | | | | |
| Tj = +7 °C | Pdh | 2,6 | kW | Tj = +7 °C | COPd | 5,02 | | | | |
| Tj = +12 °C | Pdh | 1,8 | kW | Tj = +12 °C | COPd | 5,40 | | | | |
| Tj = biv | Pdh | 7,5 | kW | Tj = biv | COPd | 3,03 | | | | |
| Tj = TOL | Pdh | 7,5 | kW | Tj = TOL | COPd | 3,03 | | | | |
| Tj = -15 °C (if TOL < -20 °C) | Pdh | | kW | Tj = -15 °C (if TOL < -20 °C) | COPd | | | | | |
| Bivalent temperature | | | | T _{biv} | -10 | °C | Operation limit temperature | | | |
| Cycling interval capacity for heating | | | | P _{cyh} | | kW | Cycling interval efficiency | | COP _{cyh} | - |
| Degradation co-efficient | | | | Cdh | 0,99 | - | Heating water operating limit | | WTOL | 65 °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} | 0,0 | kW | | |
| Thermostat-off mode | P _{TO} | 0,003 | kW | | | | | | | |
| Standby mode | P _{SB} | 0,008 | kW | Type of energy input | | Electric | | | | |
| Crankcase heater mode | P _{CK} | 0,010 | kW | | | | | | | |
| <i>Other items</i> | | | | | | | | | | |
| Capacity control | Variable | | | Rated air flow rate, outdoors | | | | | m ³ /h | |
| Sound power level, indoors/outdoors | L _{WA} | 36,1/- | dB | Rated water flow rate, indoor heat exchanger | | | | | m ³ /h | |
| Annual energy consumption | Q _{HE} | 3637 | kWh | Rated brine or water flow rate, outdoor heat exchanger | | | 1,68 | | m ³ /h | |
| <i>For heat pump combination heater:</i> | | | | | | | | | | |
| Declared load profile | | XL | | Water heating energy efficiency | | η_{wh} | 126 | % | | |
| | | | | Daily fuel consumption | | Q _{fuel} | | kWh | | |
| Daily electricity consumption | Q _{elec} | 6,329 | kWh | Annual fuel consumption | | AFC | | GJ | | |
| Annual electricity consumption | AEC | 1331 | kWh | | | | | | | |
| Contact details | | © NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden | | | | | | | | |