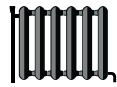
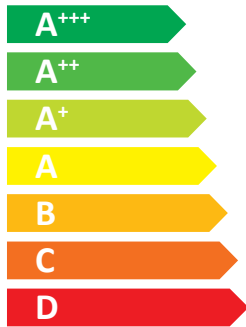


NIBE F1345-60



55 °C

35 °C



A++

A+++



47 dB



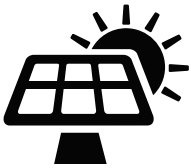
dB

■ 67
■ **67**
■ 67
kW

■ 67
■ **67**
■ 67
kW



NIBE F1345-60



| | | | |
|-------------------------------------------------------------------|---------------|------------|-----|
| | NIBE F1345-60 | | |
| Model: | NIBE F1345-60 | | |
| Temperature application | 35 | 55 | °C |
| Declared load profile for water heating | | | |
| Seasonal space heating energy efficiency class, average climate: | A+++ | A++ | |
| Water heating energy efficiency class, average climate: | | | |
| Rated heat output, average climate: | 67 | 67 | kW |
| Annual energy consumption for space heating, average climate | 30169 | 38048 | kWh |
| Annual electricity consumption for water heating, average climate | | | kWh |
| Seasonal space heating energy efficiency, average climate: | 176 | 138 | % |
| Water heating energy efficiency, average climate: | | | % |
| Sound power level LWA indoors | 47 | | dB |
| Rated heat output, cold climate: | 67 | 67 | kW |
| Rated heat output, warm climate: | 67 | 67 | kW |
| Annual energy consumption for space heating, cold climate | 34918 | 43924 | kWh |
| Annual electricity consumption for water heating, cold climate | | | kWh |
| Annual energy consumption for space heating, warm climate | 19396 | 24446 | kWh |
| Annual electricity consumption for water heating, warm climate | | | kWh |
| Seasonal space heating energy efficiency, cold climate: | 181 | 142 | % |
| Water heating energy efficiency, cold climate: | | | % |
| Seasonal space heating energy efficiency, warm climate: | 177 | 138 | % |
| Water heating energy efficiency, warm climate: | | | % |
| Sound power level LWA outdoors | - | | dB |

Data for package fiche

| | | | |
|------------------------------------------------------------------------------|-------------|------------|---|
| Controller class | II | | |
| Controller contribution to efficiency | 2 | | % |
| Seasonal space heating energy efficiency of package, average climate: | 178 | 140 | % |
| Seasonal space heating energy efficiency class for package, average climate: | A+++ | A++ | % |
| Seasonal space heating energy efficiency of package, cold climate: | 183 | 144 | % |
| Seasonal space heating energy efficiency of package, warm climate: | 179 | 140 | % |

| | | | | | | | |
|------------------------------------------------------------------|-------------------|-------|-----|------------------------------------------------------------------------------------|-------|-------------------|---|
| Model(s): | | | | NIBE F1345-60 | | | |
| Type of heat source/sink: | | | | Brine-to-water | | | |
| Low-temperature heat pump: | | | | No | | | |
| Equipped with supplementary heater: | | | | No | | | |
| Heat pump combination heater: | | | | No | | | |
| Climate condition: | | | | Average | | | |
| Temperature application: | | | | Medium temperature (55 °C) | | | |
| Applied standards: EN14825 | | | | | | | |
| Rated heat output | | | | Prated | 67,0 | kW | |
| | | | | Seasonal space heating energy efficiency | | | |
| | | | | η_s | 138 | % | |
| <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 | 54,8 | kW | Tj = -7 °C | COPd | 3,17 | - |
| Tj = +2 °C | Pdh | 56,6 | kW | Tj = +2 °C | COPd | 3,62 | - |
| Tj = +7 °C | Pdh | 29,2 | kW | Tj = +7 °C | COPd | 4,06 | - |
| Tj = +12 °C | Pdh | 29,8 | kW | Tj = +12 °C | COPd | 4,31 | - |
| Tj = biv | Pdh | 55,2 | kW | Tj = biv | COPd | 3,26 | - |
| Tj = TOL | Pdh | 54,1 | 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} | -5,4 | °C | |
| Cycling interval capacity for heating | | | | P _{cyh} | | kW | |
| Degradation co-efficient | | | | Cdh | 0,99 | - | |
| <i>Power consumption in modes other than active mode</i> | | | | <i>Supplementary heater</i> | | | |
| Off mode | P _{OFF} | 0,002 | kW | Rated heat output | | | |
| Thermostat-off mode | P _{TO} | 0,06 | kW | P _{sup} | 12,9 | kW | |
| Standby mode | P _{SB} | 0,007 | kW | Type of energy input | | | |
| Crankcase heater mode | P _{CK} | 0,08 | kW | Electric | | | |
| <i>Other items</i> | | | | | | | |
| Capacity control | variable | | | Rated air flow rate, outdoors | | | |
| Sound power level, indoors/outdoors | L _{WA} | 47/- | dB | Rated water flow rate, indoor heat exchanger | | | |
| Annual energy consumption | Q _{HE} | 38048 | kWh | Rated brine or water flow rate, outdoor heat exchanger | | | |
| | | | | | 5,83 | m ³ /h | |
| | | | | | 10,87 | m ³ /h | |
| <i>For heat pump combination heater:</i> | | | | | | | |
| Declared load profile | | | | Water heating energy efficiency | | | |
| | | | | η_{wh} | | % | |
| Daily electricity consumption | Q _{elec} | | kWh | Daily fuel consumption | | | |
| Annual electricity consumption | AEC | | kWh | Q _{fuel} | | kWh | |
| | | | | Annual fuel consumption | | | |
| | | | | AFC | | GJ | |



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