





Product data sheet (in accordance with EU regulation no. 812/2013)

| | | | |
|---|------------|-----|------------|
| 1 | Brand name | | Vaillant |
| 2 | Models | I | VEH 50/8-1 |
| | | II | VEH 80/8-1 |
| | | III | - |
| | | IV | - |
| | | V | - |
| | | VI | - |

| | | | I | II | III | IV | V | VI |
|----|---|------------------------------|--------------|----------|------|----|---|----|
| 3 | Hot water generation: Specified load profile | | M | M | - | - | - | - |
| 4 | Hot water generation: Energy-efficiency class | | C | C | - | - | - | - |
| 5 | Hot water generation: Energy efficiency(*8) | η_{WH} | % | 36 | 36 | - | - | - |
| 6 | Annual electricity consumption(*8) | <i>AEC average</i> | <i>kWh</i> | 1422 | 1420 | - | - | - |
| 7 | Other load profile | | <i>I</i> | <i>I</i> | - | - | - | - |
| 8 | Hot water generation: Energy efficiency for additional load profile | $\eta_{WH\ additional}$ | % | - | - | - | - | - |
| 9 | Annual electricity consumption for additional load profile | <i>AEC</i> | <i>kWh</i> | - | - | - | - | - |
| 10 | Temperature setting for the temperature controller | | °C | 75 | 75 | - | - | - |
| 11 | Sound power level, indoor | <i>L_{WA indoor}</i> | <i>dB(A)</i> | 15 | 15 | - | - | - |
| 12 | Option to only operate during low-demand periods. | | | - | - | - | - | - |




| | | | | | | | | |
|----|---|----------|----------|------|------|---|---|---|
| 13 |  <p>All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.</p> | | | | | | | |
| 14 |  <p>"smart" value "1": The information on the hot water generation energy efficiency and on the annual power or fuel consumption applies only when the intelligent control system is switched on.</p> | | | | | | | |
| 15 | Smart factor | | | - | - | - | - | - |
| 16 | Heat retention losses | <i>S</i> | <i>W</i> | 1,0 | 1,6 | - | - | - |
| 17 | Cylinder volume | <i>V</i> | <i>l</i> | 50,0 | 80,0 | - | - | - |
| 18 |  <p>On units with integrated weather compensators, including a room thermostat function that can be activated, the seasonal room-heating efficiency always includes the correction factor for controller technology class VI. The seasonal room-heating efficiency may deviate if this function is deactivated.</p> | | | | | | | |
| 19 |  <p>All of the data that is included in the product information was determined by applying the specifications of the relevant European directives. Differences to product information listed elsewhere may result in different test conditions. Only the data that is contained in this product information is applicable and valid.</p> | | | | | | | |

(*8) For average climatic conditions



Product information (in accordance with EU regulation no. 814/2013)

| | | | |
|---|------------|-----|------------|
| 1 | Brand name | | Vaillant |
| 2 | Models | I | VEH 50/8-1 |
| | | II | VEH 80/8-1 |
| | | III | - |
| | | IV | - |
| | | V | - |
| | | VI | - |

| | | | | I | II | III | IV | V | VI |
|----|---|-------------------------|--------------|-------|-------|-----|----|---|----|
| 20 | Daily electricity consumption | Q_{elec} | <i>kWh</i> | 6,662 | 6,652 | - | - | - | - |
| 21 | Hot water generation: Specified load profile | | | M | M | - | - | - | - |
| 22 | Sound power level, indoor | $L_{WA, indoor}$ | <i>dB(A)</i> | 15 | 15 | - | - | - | - |
| 23 | Weekly fuel consumption without an intelligent control system | $Q_{fuel, week}$ | <i>kWh</i> | - | - | - | - | - | - |
| 24 | Weekly power consumption without an intelligent control system | $Q_{elec, week}$ | <i>kWh</i> | - | - | - | - | - | - |
| 25 | Weekly fuel consumption with an intelligent control system | $Q_{fuel, week, smart}$ | <i>kWh</i> | - | - | - | - | - | - |
| 26 | Weekly power consumption with an intelligent control system | $Q_{elec, week, smart}$ | <i>kWh</i> | - | - | - | - | - | - |
| 27 | Hot water generation: Energy efficiency | η_{WH} | % | 36 | 36 | - | - | - | - |
| 28 |  <p>All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.</p> | | | | | | | | |
| 29 |  <p>Read and follow the operating and installation instructions regarding assembly, installation, maintenance, removal, recycling and/or disposal.</p> | | | | | | | | |
| 30 | Cylinder volume | V | <i>l</i> | 50,0 | 80,0 | - | - | - | - |
| 31 | Heat retention losses | S | <i>W</i> | 1,0 | 1,6 | - | - | - | - |
| 32 | Volume of mixed water at 40 °C | V_{40} | <i>l</i> | 76 | 90 | - | - | - | - |
| 33 |  <p>All of the data that is included in the product information was determined by applying the specifications of the relevant European directives. Differences to product information listed elsewhere may result in different test conditions. Only the data that is contained in this product information is applicable and valid.</p> | | | | | | | | |



de (1) Markenname (2) Modelle (3) Warmwasserbereitung: Angegebenes Lastprofil (4) Warmwasserbereitung: Energieeffizienzklasse (5) Warmwasserbereitung: Energieeffizienz (6) Jährlicher Stromverbrauch (7) Anderes Lastprofil (8) Warmwasserbereitung: Energieeffizienz bei zusätzlichem Lastprofil (9) Jährlicher Stromverbrauch bei zusätzlichem Lastprofil (10) Temperatureinstellung des Temperaturreglers (11) Schalleistungspegel, innen (12) Möglichkeit des ausschließlichen Betriebs zu Schwachlastzeiten. (13) Alle spezifischen Vorkehrungen für die Montage, Installation und Wartung sind in den Betriebs- und Installationsanleitungen beschrieben. Lesen und befolgen Sie die Betriebs- und Installationsanleitungen. (14) „smart“-Wert „1“ : die Informationen zur Warmwasserbereitungs- Energieeffizienz und zum jährlichen Strom- bzw. Brennstoffverbrauch gelten nur bei eingeschalteter intelligenter Regelung. (15) Smartfaktor (16) Warmhalteverluste (17) Speichervolumen (18) Die jahreszeitbedingte Raumheizungs-Effizienz beinhaltet bei Geräten mit integrierten, witterungsgeführten Reglern inklusive aktivierbarer Raumthermostatfunktion immer den Korrekturfaktor der Reglertechnologiekategorie VI. Eine Abweichung der jahreszeitbedingten Raumheizungs-Effizienz ist bei Deaktivierung dieser Funktion möglich. (19) Alle in den Produktinformationen enthaltenen Daten sind in Anwendung der Vorgaben der Europäischen Direktiven ermittelt worden. Unterschiede zu an anderer Stelle aufgeführten Produktinformationen können aus unterschiedlichen Prüfbedingungen resultieren. Maßgeblich und gültig sind allein die in diesen Produktinformationen enthaltenen Daten. (20) Täglicher Stromverbrauch (21) Warmwasserbereitung: Angegebenes Lastprofil (22) Schalleistungspegel, innen (23) Wöchentlicher Brennstoffverbrauch ohne intelligente Regelung (24) Wöchentlicher Stromverbrauch ohne intelligente Regelung (25) Wöchentlicher Brennstoffverbrauch mit intelligenter Regelung (26) Wöchentlicher Stromverbrauch mit intelligenter Regelung (27) Warmwasserbereitung: Energieeffizienz (28) Alle spezifischen Vorkehrungen für die Montage, Installation und Wartung sind in den Betriebs- und Installationsanleitungen beschrieben. Lesen und befolgen Sie die Betriebs- und Installationsanleitungen. (29) Lesen und befolgen Sie die Betriebs- und Installationsanleitungen zu Montage, Installation, Wartung, Demontage, Recycling und / oder Entsorgung. (30) Speichervolumen (31) Warmhalteverluste (32) Volumen des Mischwassers bei 40 °C (33) Alle in den Produktinformationen enthaltenen Daten sind in Anwendung der Vorgaben der Europäischen Direktiven ermittelt worden. Unterschiede zu an anderer Stelle aufgeführten Produktinformationen können aus unterschiedlichen Prüfbedingungen resultieren. Maßgeblich und gültig sind allein die in diesen Produktinformationen enthaltenen Daten.

en (1) Brand name (2) Models (3) Hot water generation: Specified load profile (4) Hot water generation: Energy-efficiency class (5) Hot water generation: Energy efficiency (6) Annual electricity consumption (7) Other load profile (8) Hot water generation: Energy efficiency for additional load profile (9) Annual electricity consumption for additional load profile (10) Temperature setting for the temperature controller (11) Sound power level, indoor (12) Option to only operate during low-demand periods. (13) All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions. (14) "smart" value "1": The information on the hot water generation energy efficiency and on the annual power or fuel consumption applies only when the intelligent control system is switched on. (15) Smart factor (16) Heat retention losses (17) Cylinder volume (18) On units with integrated weather compensators, including a room thermostat function that can be activated, the seasonal room-heating efficiency always includes the correction factor for controller technology class VI. The seasonal room-heating efficiency may deviate if this function is deactivated. (19) All of the data that is included in the product information was determined by applying the specifications of the relevant European directives. Differences to product information listed elsewhere may result in different test conditions. Only the data that is contained in this product information is applicable and valid. (20) Daily electricity consumption (21) Hot water generation: Specified load profile (22) Sound power level, indoor (23) Weekly fuel consumption without an intelligent control system (24) Weekly power consumption without an intelligent control system (25) Weekly fuel consumption with an intelligent control system (26) Weekly power consumption with an intelligent control system (27) Hot water generation: Energy efficiency (28) All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions. (29) Read and follow the operating and installation instructions regarding assembly, installation, maintenance, removal, recycling and/or disposal. (30) Cylinder volume (31) Heat retention losses (32) Volume of mixed water at 40 °C (33) All of the data that is included in the product information was determined by applying the specifications of the relevant European directives. Differences to product information listed elsewhere may result in different test conditions. Only the data that is contained in this product information is applicable and valid.

nl (1) Merknaam (2) Modellen (3) Warmwaterbereiding: aangegeven belastingsprofiel (4) Warmwaterbereiding: energie-efficiëntieklasse (5) Warmwaterbereiding: energie-efficiëntie (6) Jaarlijks stroomverbruik (7) Ander belastingsprofiel (8) Warmwaterbereiding: energie-efficiëntie bij aanvullend belastingsprofiel (9) Jaarlijks stroomverbruik bij aanvullend belastingsprofiel (10) Temperatuurinstelling van de thermostaat (11) Geluidsniveau, binnen (12) Mogelijkheid van uitsluitend bedrijf buiten de piekuren. (13) Alle specifieke maatregelen voor de montage, installatie en onderhoud worden beschreven in de gebruiks- en installatiehandleidingen. Lees de gebruiks- en installatiehandleidingen door en neem ze in acht. (14) "smart"-waarde "1" : de informatie m.b.t. warmwaterbereidings-energie-efficiëntie en m.b.t. jaarlijks stroom- resp. brandstofverbruik geldt alleen bij ingeschakelde intelligente regeling. (15) Smartfactor (16) Warmhoudverliezen (17) Opslagvolume (18) De seizoensafhankelijke ruimteverwarmingsefficiëntie bevat bij toestellen met geïntegreerde, weersgeleide thermostaten inclusief activeerbare ruimtethermostaatfunctie altijd de correctiefactor van de thermostaattechnologieklasse VI. Een afwijking van de seizoensafhankelijke ruimteverwarmingsefficiëntie is bij deactivering van deze functie mogelijk. (19) Alle gegevens in de productinformatie zijn vastgesteld door toepassing van de bepalingen in de Europese richtlijnen. Verschillen met productinformatie die op andere plaatsen vermeld wordt kan voortkomen uit verschillende testvoorwaarden. Doorslaggevend en geldig zijn alleen de gegevens die in deze productinformatie staan. (20) Dagelijks stroomverbruik (21) Warmwaterbereiding: aangegeven belastingsprofiel (22) Geluidsniveau, binnen (23) Wekelijks brandstofverbruik zonder intelligente regeling (24) Wekelijks stroomverbruik zonder intelligente regeling (25) Wekelijks brandstofverbruik met intelligente regeling (26) Wekelijks stroomverbruik met intelligente regeling (27) Warmwaterbereiding: energie-efficiëntie (28) Alle specifieke maatregelen voor de montage, installatie en onderhoud worden beschreven in de gebruiks- en installatiehandleidingen. Lees de gebruiks- en installatiehandleidingen door en neem ze in acht. (29) Lees de gebruiks- en installatiehandleidingen m.b.t. montage, installatie, onderhoud, demontage, recycling en/of verwijdering door en neem ze in acht. (30) Opslagvolume (31) Warmhoudverliezen (32) Volume van het gemengde water bij 40 °C (33) Alle gegevens in de productinformatie zijn vastgesteld door toepassing van de bepalingen in de Europese richtlijnen. Verschillen met productinformatie die op andere plaatsen vermeld wordt kan voortkomen uit verschillende testvoorwaarden. Doorslaggevend en geldig zijn alleen de gegevens die in deze productinformatie staan.

