

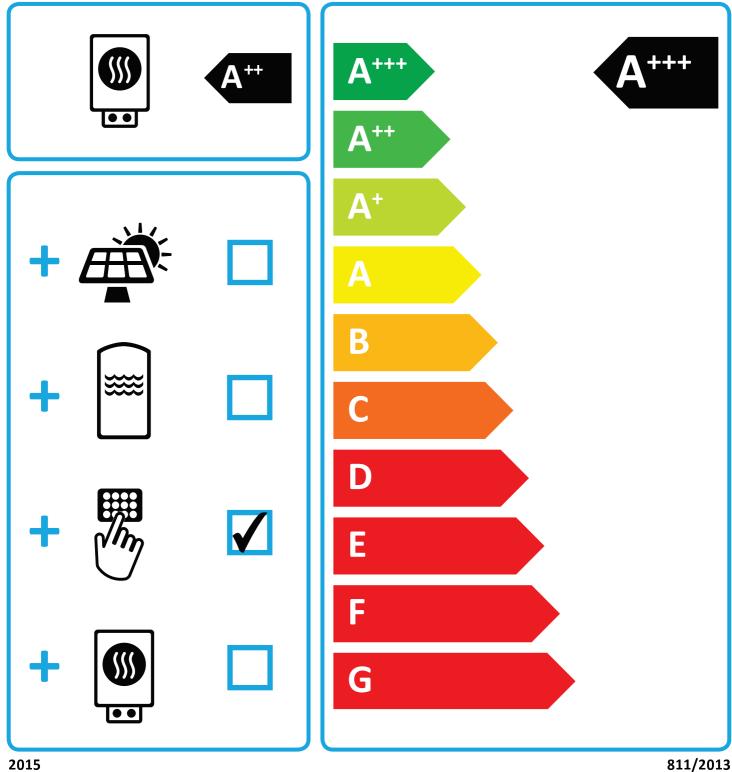






## METROAIR I 12 + METROAIR 330

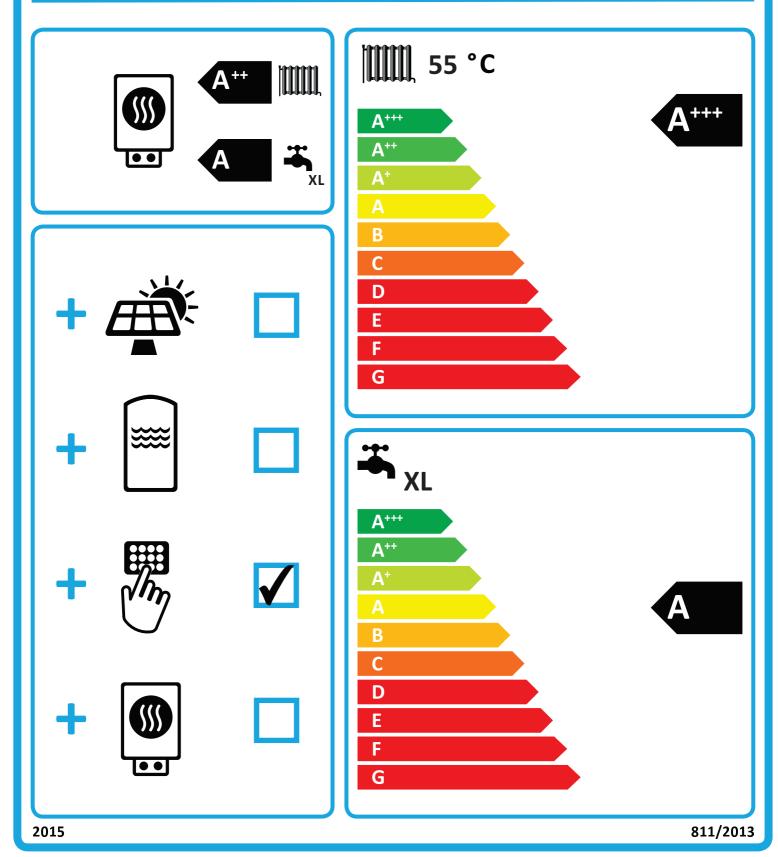
## ∭∭ 35 °C





**METRO THERM** 

## METROAIR I 12 + METROAIR 330



| Model:     Metroair I 12 + Metroair 330       Temperature application     35     55     °C       Declared load profile for water<br>heating     XL        Seasonal space heating energy<br>efficiency class, average climate:     A++     A++       Water heating energy efficiency<br>class, average climate:     A       Rated heat output, average climate:     8     8,3     kW       Annual energy consumption for<br>space heating, average climate     3409     4529     kWh       Annual electricity consumption for<br>water heating energy efficiency,<br>average climate:     101     %       Sound power level LWA indoors     35     dB       Rated heat output, cold climate:     9,3     9,8     kW       Annual electricity consumption for<br>water heating energy efficiency,<br>average climate:     101     %       Water heating energy efficiency,<br>average climate:     9,3     9,8     kW       Rated heat output, warm climate:     9,2     9,2     kW       Annual energy consumption for<br>space heating, cold climate     1895     kWh       Annual energy consumption for<br>space heating, cold climate     1473     kWh       Annual energy consumption for<br>space heating, warm climate     2241     2741     kWh       Seasonal space heating energy<br>efficiency, cold climate     1473     kWh       Annual energy consumption for<br>space heating,   | Supplier's name:                    | METRO TI        |      |          |
|---|-------------------------------------|-----------------|------|----------|
| Declared load profile for water<br>heating       XL         Seasonal space heating energy<br>efficiency class, average climate:       A++       A++         Water heating energy efficiency<br>class, average climate:       A         Rated heat output, average climate:       8       8.3         Rated heat output, average climate:       8       8.3         Annual energy consumption for<br>space heating, average climate       3409       4529         Annual electricity consumption for<br>water heating energy<br>efficiency, average climate       1661       kWh         Seasonal space heating energy<br>efficiency, average climate:       190       148       %         Water heating energy efficiency,<br>average climate:       101       %       %         Sound power level LWA indoors       35       dB       dB         Rated heat output, old climate:       9,2       9,2       kW         Annual energy consumption for<br>space heating, cold climate       1895       kWh         Annual energy consumption for<br>water heating, cold climate       1473       kWh         Annual electricity consumption for<br>water heating, warm climate       1473       kWh         Seasonal space heating energy<br>efficiency, cold climate       1473       kWh         Seasonal space heating energy<br>efficiency, cold climate       1473       kWh <td></td> <td>Metroair I 12 +</td> <td></td>                |                                     | Metroair I 12 + |      |          |
| heatingALSeasonal space heating energy<br>efficiency class, average climate:A++A++Water heating energy efficiency<br>class, average climate:ARated heat output, average climate:88,3kWAnnual energy consumption for<br>space heating, average climate34094529kWhAnnual electricity consumption for<br>water heating, average climate1661kWhSeasonal space heating energy<br>efficiency, average climate:101%Sound power level LWA indoors35dBRated heat output, cold climate:9,29,2kWAnnual electricity consumption for<br>water heating, average climate:9,39,8kWAnnual energy consumption for<br>space heating energy efficiency,<br>average climate:101%%Sound power level LWA indoors35dBkWRated heat output, cold climate:9,29,2kWAnnual energy consumption for<br>space heating, cold climate1895kWhAnnual energy consumption for<br>water heating, cold climate1473kWhAnnual electricity consumption for<br>water heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate130%Seasonal space heating energy<br>efficiency, cold climate:130%Seasonal space heating energy<br>efficiency, cold climate:1473%Seasonal space heating energy<br>efficiency, cold climate:1473%Seasonal space heating energy<br>efficiency, cold climate:1473% </td <td></td> <td>35</td> <td>55</td> <td>°C</td>  |                                     | 35              | 55   | °C       |
| neatingA++A++Seasonal space heating energy<br>efficiency class, average climate:A++A++Water heating energy efficiency<br>class, average climate:ARated heat output, average climate:88,3kWAnnual energy consumption for<br>space heating, average climate34094529kWhAnnual electricity consumption for<br>water heating, average climate1661kWhSeasonal space heating energy<br>efficiency, average climate101%Sound power level LWA indoors35dBRated heat output, old climate:9,29,2kWAnnual energy consumption for<br>space heating, cold climate:9,29,2kWMater heat output, cold climate:9,29,2kWAnnual energy consumption for<br>space heating, cold climate1895kWhAnnual energy consumption for<br>space heating, cold climate1473kWhAnnual energy consumption for<br>water heating, warm climate1473kWhAnnual electricity consumption for<br>water heating, warm climate1473kWhAnnual electricity consumption for<br>water heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Seasonal space heating energy<br>efficiency, cold climate:216176%   |                                     | ×I              |      |          |
| efficiency class, average climate:       A++       A++         Water heating energy efficiency<br>class, average climate:       A         Rated heat output, average climate:       8       8.3       kW         Annual energy consumption for<br>space heating, average climate       3409       4529       kWh         Annual electricity consumption for<br>water heating average climate       1661       kWh         Seasonal space heating energy<br>efficiency, average climate:       190       148       %         Water heating energy efficiency,<br>average climate:       9.3       9.8       kW         Rated heat output, cold climate:       9.2       9.2       kW         Annual energy consumption for<br>space heating, cold climate:       9.2       9.2       kW         Annual energy consumption for<br>space heating, cold climate       5666       7239       kWh         Annual energy consumption for<br>space heating, cold climate       1895       kWh         Annual energy consumption for<br>space heating, warm climate       1473       kWh         Annual electricity consumption for<br>space heating, warm climate       1473       kWh         Seasonal space heating energy<br>efficiency, cold climate       1473       kWh         Annual electricity consumption for<br>space heating, energy efficiency,<br>cold climate       159       130       % </td <td>heating</td> <td></td> <td></td> | heating                             |                 |      |          |
| efficiency class, average climate:       A         Water heating energy efficiency<br>class, average climate:       8       8,3       kW         Rated heat output, average climate:       8       8,3       kW         Annual energy consumption for<br>space heating, average climate       3409       4529       kWh         Annual electricity consumption for<br>water heating, average climate       1661       kWh         Seasonal space heating energy<br>efficiency, average climate:       190       148       %         Seasonal space heating energy<br>efficiency, average climate:       101       %         Sound power level LWA indoors       35       dB         Rated heat output, cold climate:       9,3       9,8       kWh         Annual energy consumption for<br>space heating, cold climate       9,2       9,2       kWh         Annual energy consumption for<br>space heating, cold climate       1895       kWh         Annual energy consumption for<br>space heating, cold climate       1473       kWh         Annual energy consumption for<br>space heating, warm climate       2241       2741       kWh         Annual energy consumption for<br>space heating, warm climate       159       130       %         Seasonal space heating energy<br>efficiency, cold climate       216       176       %   | Seasonal space heating energy       | ۸               | ۸    |          |
| class, average climate:ARated heat output, average climate:88,3kWAnnual energy consumption for<br>space heating, average climate34094529kWhAnnual electricity consumption for<br>water heating, average climate1661kWhSeasonal space heating energy<br>efficiency, average climate:190148%Water heating energy efficiency,<br>average climate:101%Sound power level LWA indoors35dBRated heat output, cold climate:9,39,8kWhAnnual energy consumption for<br>water heating, cold climate56667239kWhAnnual energy consumption for<br>water heating, cold climate1895kWhAnnual energy consumption for<br>water heating, warm climate22412741kWhAnnual energy consumption for<br>water heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate159130%Water heating energy efficiency,<br>cold climate:216176%  | efficiency class, average climate:  | ATT             | Att  |          |
| Class, average climate:88,3kWRated heat output, average climate:88,3kWAnnual energy consumption for<br>space heating, average climate34094529kWhAnnual electricity consumption for<br>water heating, average climate1661kWhSeasonal space heating energy<br>efficiency, average climate:190148%Water heating energy efficiency,<br>average climate:101%Sound power level LWA indoors35dBRated heat output, cold climate:9,39,8kWAnnual energy consumption for<br>space heating, cold climate56667239kWhAnnual energy consumption for<br>space heating, cold climate1895kWhAnnual energy consumption for<br>space heating, cold climate1473kWhAnnual energy consumption for<br>water heating, cold climate1473kWhAnnual energy consumption for<br>water heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Seasonal space heating energy<br>efficiency, cold climate:216176%  | Water heating energy efficiency     |                 |      |          |
| Index output, average climate.34094529kWhAnnual energy consumption for<br>space heating, average climate1661kWhAnnual electricity consumption for<br>water heating, average climate1661kWhSeasonal space heating energy<br>efficiency, average climate:190148%Water heating energy efficiency,<br>average climate:101%Sound power level LWA indoors35dBRated heat output, cold climate:9,39,8kWAnnual energy consumption for<br>space heating, cold climate:9,29,2kWAnnual energy consumption for<br>space heating, cold climate56667239kWhAnnual energy consumption for<br>space heating, cold climate1895kWhAnnual electricity consumption for<br>space heating, cold climate1473kWhAnnual electricity consumption for<br>water heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate159130%Seasonal space heating energy<br>efficiency, cold climate:216176%   | class, average climate:             | F               | •    |          |
| Annual energy consumption for<br>space heating, average climate34094529kWhAnnual electricity consumption for<br>water heating, average climate1661kWhSeasonal space heating energy<br>efficiency, average climate:190148%Water heating energy efficiency,<br>average climate:101%Sound power level LWA indoors35dBRated heat output, cold climate:9,39,8kWhAnnual energy consumption for<br>space heating, cold climate9,29,2kWhAnnual energy consumption for<br>space heating, cold climate56667239kWhAnnual energy consumption for<br>space heating, cold climate1895kWhAnnual energy consumption for<br>water heating, warm climate1473kWhAnnual energy consumption for<br>water heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Water heating energy efficiency,<br>cold climate:88%%Seasonal space heating energy<br>efficiency, warm climate:216176%   | Rated heat output, average climate: | 8               | 8,3  | kW       |
| space neating, average climate1661kWhAnnual electricity consumption for<br>water heating, average climate1661kWhSeasonal space heating energy<br>efficiency, average climate:190148%Water heating energy efficiency,<br>average climate:101%%Sound power level LWA indoors35dBRated heat output, cold climate:9,39,8kWAnnual energy consumption for<br>space heating, cold climate9,29,2kWAnnual energy consumption for<br>water heating, cold climate56667239kWhAnnual energy consumption for<br>space heating, cold climate1895kWhAnnual electricity consumption for<br>space heating, warm climate22412741kWhAnnual electricity consumption for<br>water heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Water heating energy efficiency,<br>cold climate:88%Seasonal space heating energy<br>efficiency, warm climate:216176%  |                                     | 0400            | 4500 | L/M/b    |
| water heating, average climate100148Seasonal space heating energy<br>efficiency, average climate:190148%Water heating energy efficiency,<br>average climate:101%Water heating energy efficiency,<br>average climate:101%Sound power level LWA indoors35dBRated heat output, cold climate:9,39,8kWRated heat output, warm climate:9,29,2kWAnnual energy consumption for<br>space heating, cold climate56667239kWhAnnual electricity consumption for<br>water heating, cold climate1895kWhAnnual energy consumption for<br>space heating, warm climate22412741kWhAnnual electricity consumption for<br>space heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Water heating energy efficiency,<br>cold climate:88%Seasonal space heating energy<br>efficiency, warm climate:216176%   | space heating, average climate      | 3409            | 4529 | KVVN     |
| water heating, average climate100148Seasonal space heating energy<br>efficiency, average climate:190148%Water heating energy efficiency,<br>average climate:101%Water heating energy efficiency,<br>average climate:101%Sound power level LWA indoors35dBRated heat output, cold climate:9,39,8kWRated heat output, warm climate:9,29,2kWAnnual energy consumption for<br>space heating, cold climate56667239kWhAnnual electricity consumption for<br>water heating, cold climate1895kWhAnnual energy consumption for<br>space heating, warm climate22412741kWhAnnual electricity consumption for<br>space heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Water heating energy efficiency,<br>cold climate:88%Seasonal space heating energy<br>efficiency, warm climate:216176%   | Annual electricity consumption for  | 10              | C1   | 1.3.4715 |
| Seasonal space heating energy<br>efficiency, average climate:190148%Water heating energy efficiency,<br>average climate:101%Sound power level LWA indoors35dBRated heat output, cold climate:9,39,8kWRated heat output, warm climate:9,29,2kWAnnual energy consumption for<br>space heating, cold climate56667239kWhAnnual electricity consumption for<br>water heating, cold climate1895kWhAnnual energy consumption for<br>space heating, warm climate22412741kWhAnnual energy consumption for<br>water heating, warm climate1473kWhAnnual electricity consumption for<br>space heating, warm climate1473kWhAnnual electricity consumption for<br>space heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Water heating energy efficiency,<br>cold climate:88%Seasonal space heating energy<br>efficiency, warm climate:216176%  |                                     | 1661            |      | KVVN     |
| efficiency, average climate:190148%Water heating energy efficiency,<br>average climate:101%Sound power level LWA indoors35dBRated heat output, cold climate:9,39,8kWRated heat output, warm climate:9,29,2kWAnnual energy consumption for<br>space heating, cold climate56667239kWhAnnual electricity consumption for<br>water heating, cold climate1895kWhAnnual electricity consumption for<br>water heating, warm climate22412741kWhAnnual electricity consumption for<br>water heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Water heating energy efficiency,<br>cold climate:88%Seasonal space heating energy<br>efficiency, warm climate216176%  |                                     |                 |      |          |
| Water heating energy efficiency,<br>average climate:101%Sound power level LWA indoors35dBRated heat output, cold climate:9,39,8kWRated heat output, warm climate:9,29,2kWAnnual energy consumption for<br>space heating, cold climate56667239kWhAnnual electricity consumption for<br>water heating, cold climate1895kWhAnnual energy consumption for<br>water heating, warm climate22412741kWhAnnual electricity consumption for<br>space heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Water heating energy efficiency,<br>cold climate:216176%  |                                     | 190             | 148  | %        |
| average climate:dBSound power level LWA indoors35dBRated heat output, cold climate:9,39,8kWRated heat output, warm climate:9,29,2kWAnnual energy consumption for<br>space heating, cold climate56667239kWhAnnual electricity consumption for<br>water heating, cold climate1895kWhAnnual energy consumption for<br>space heating, warm climate22412741kWhAnnual electricity consumption for<br>space heating, warm climate1473kWhAnnual electricity consumption for<br>space heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Water heating energy efficiency,<br>cold climate:88%Seasonal space heating energy<br>efficiency, warm climate:216176%   |                                     | 101             |      | 0/       |
| Rated heat output, cold climate:9,39,8kWRated heat output, warm climate:9,29,2kWAnnual energy consumption for<br>space heating, cold climate56667239kWhAnnual electricity consumption for<br>water heating, cold climate1895kWhAnnual energy consumption for<br>water heating, warm climate22412741kWhAnnual energy consumption for<br>space heating, warm climate22412741kWhAnnual electricity consumption for<br>space heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Water heating energy efficiency,<br>cold climate:88%Seasonal space heating energy<br>efficiency, warm climate:216176%   | average climate:                    | 101             |      | %        |
| Rated heat output, warm climate:9,29,2kWAnnual energy consumption for<br>space heating, cold climate56667239kWhAnnual electricity consumption for<br>water heating, cold climate1895kWhAnnual energy consumption for<br>space heating, warm climate22412741kWhAnnual electricity consumption for<br>space heating, warm climate1473kWhAnnual electricity consumption for<br>water heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Water heating energy efficiency,<br>cold climate:88%Seasonal space heating energy<br>efficiency, warm climate:216176%  | Sound power level LWA indoors       | 35              |      | dB       |
| Annual energy consumption for<br>space heating, cold climate56667239kWhAnnual electricity consumption for<br>water heating, cold climate1895kWhAnnual energy consumption for<br>space heating, warm climate22412741kWhAnnual electricity consumption for<br>space heating, warm climate1473kWhAnnual electricity consumption for<br>water heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Seasonal space heating energy<br>efficiency, cold climate:216176%Water heating energy<br>efficiency, warm climate:216176%  | Rated heat output, cold climate:    | 9,3             | 9,8  | kW       |
| space heating, cold climate50007239KWhAnnual electricity consumption for<br>water heating, cold climate1895kWhAnnual energy consumption for<br>space heating, warm climate22412741kWhAnnual electricity consumption for<br>water heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Water heating energy efficiency,<br>cold climate:88%Seasonal space heating energy<br>efficiency, warm climate:216176%   | Rated heat output, warm climate:    | 9,2             | 9,2  | kW       |
| space heating, cold climate1895kWhAnnual electricity consumption for<br>water heating, cold climate22412741kWhAnnual energy consumption for<br>space heating, warm climate22412741kWhAnnual electricity consumption for<br>water heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Water heating energy efficiency,<br>cold climate:88%Seasonal space heating energy<br>efficiency, cold climate:216176%Water heating energy<br>efficiency, warm climate:216176%   | Annual energy consumption for       | ECCC            | 7020 | L/M/b    |
| water heating, cold climate1895KWNAnnual energy consumption for<br>space heating, warm climate22412741kWhAnnual electricity consumption for<br>water heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Water heating energy efficiency,<br>cold climate:88%Seasonal space heating energy<br>efficiency, cold climate:216176%Water heating energy<br>efficiency, warm climate:216176%   | space heating, cold climate         | 0000            | 7239 | KVVII    |
| water heating, cold climate22412741kWhAnnual energy consumption for<br>space heating, warm climate22412741kWhAnnual electricity consumption for<br>water heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Water heating energy efficiency,<br>cold climate:88%Seasonal space heating energy<br>efficiency, cold climate:216176%Water heating energy efficiency,<br>efficiency, warm climate:216176%   | Annual electricity consumption for  | 1905            |      | kW/b     |
| space heating, warm climate22412741KWhAnnual electricity consumption for<br>water heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Water heating energy efficiency,<br>cold climate:88%Seasonal space heating energy<br>efficiency, cold climate:216176%  |                                     | 1890            |      | K V V II |
| space heating, warm climate1473kWhAnnual electricity consumption for<br>water heating, warm climate1473kWhSeasonal space heating energy<br>efficiency, cold climate:159130%Water heating energy efficiency,<br>cold climate:88%Seasonal space heating energy<br>efficiency, warm climate:216176%Water heating energy efficiency,<br>efficiency, warm climate:216176%  |                                     | 2241            | 2741 | kWb      |
| water heating, warm climate14/3KWhSeasonal space heating energy<br>efficiency, cold climate:159130%Water heating energy efficiency,<br>cold climate:88%Seasonal space heating energy<br>efficiency, warm climate:216176%Water heating energy efficiency,<br>efficiency, warm climate:216176%  |                                     |                 |      | KVVII    |
| Water heating, warm climate       159       130       %         Seasonal space heating energy efficiency, cold climate:       159       130       %         Water heating energy efficiency, cold climate:       88       %         Seasonal space heating energy efficiency, cold climate:       216       176       %         Water heating energy efficiency, warm climate:       216       176       %  |                                     | 1473            |      | kWh      |
| efficiency, cold climate:159130%Water heating energy efficiency,<br>cold climate:88%Seasonal space heating energy<br>efficiency, warm climate:216176%Water heating energy efficiency,<br>efficiency, warm climate:216176%   |                                     |                 |      |          |
| Water heating energy efficiency,<br>cold climate:88%Seasonal space heating energy<br>efficiency, warm climate:216176Water heating energy efficiency,216176  |                                     | 159             | 130  | %        |
| cold climate:     00     %       Seasonal space heating energy<br>efficiency, warm climate:     216     176     %       Water heating energy efficiency.     00     00     00     00  |                                     |                 |      |          |
| Seasonal space heating energy<br>efficiency, warm climate: 216 176 %  |                                     | 88              |      | %        |
| efficiency, warm climate: 216 176 %   |                                     |                 |      | +        |
| Water heating energy efficiency.  |                                     | 216             | 176  | %        |
|   |                                     | I               |      |          |
| warm climate:   |                                     | 11              | %    |          |
| Sound power level LWA outdoors 53 dB  |                                     | 5               | dB   |          |

## Data for package fiche

| Controller class   | V    |      |   |
|--|------|------|---|
| Controler contribution to efficiency   | 4,   | %    |   |
| Seasonal space heating energy<br>efficiency of package, average<br>climate:        | 194  | 152  | % |
| Seasonal space heating energy<br>efficiency class for package,<br>average climate: | A+++ | A+++ | % |
| Seasonal space heating energy efficiency of package, cold climate:                 | 163  | 134  | % |
| Seasonal space heating energy<br>efficiency of package, warm climate:              | 220  | 180  | % |

|   |   |   | 2 + Metroair 330   |   |   |   |  |
|---|---|---|--|---|---|---|--|
|   |   | Air-t   | o-water  |   |   |   |  |
|   |   |   | No   |   |   |   |  |
| Low-temperature heat pump:<br>Equipped with supplementary heater: |   |   | -  |   |   |   |  |
| Heat pump combination heater:                                     |   | Yes   |  |   |   |   |  |
|   |   | Av  | erage  | METRO THERM   |   |   |  |
|   | Me  | dium tem  | perature (55 °C)   |   |   |   |  |
|   |   |   |  |   |   |   |  |
|   |   |   | Seasonal space h   | eating energy   |   |   |  |
| Prated  | 8,3   | kW  | efficiency   |   | η <sub>s</sub>  | 148   | %  |
| perature Ti   |   |   | Declared coefficient of performance for part load at outdoor temperature Ti  |   |   |   |  |
| Pdh   | 7.3   | kW  |  | , , , , , , , , , , , , , , , , , , ,   | 1   |   | -  |
| Pdh   | ,   | kW  | Tj = +2 ℃  |   | COPd  | ,   | -  |
| Pdh   | 2,9   | kW  | Tj = +7 ℃  |   | COPd  | 4,48  | -  |
| Pdh   | 3,3   | kW  |  |   | COPd  | 5,30  | -  |
| Pdh   | 7,3   | kW  | -  |   | COPd  | 2,39  | -  |
| Pdh   |   | kW  | -  |   | COPd  | 2,28  | -  |
| Pdh   | ,   | kW  | -  | < -20 °C)   | COPd  | ,   | -  |
| Тт.   | -7  | °۲  | Operation limit te   | emperature  | TOI   | -10   | °C   |
| -   | -7  | -   |  |   |   | -10   |  |
|   | 0.00  | KVV   | , , ,  |   | ,   | 65  | °C   |
| cuit  | 0,55  |   |  |   | WIGE  | 05  | C  |
| 1   |   |   |  |   | 1   |   |  |
| P <sub>OFF</sub>  | 0,025   | kW  | Rated heat outpu   | t   | Psup  | 0,5   | kW   |
| P <sub>TO</sub>   | 0,007   | kW  |  |   |   |   |  |
| P <sub>SB</sub>   | 0,025   | kW  | Type of energy input Electric  |   |   |   |  |
| Р <sub>ск</sub>   | 0,037   | kW  |  |   | 1   |   |  |
|   |   |   |  |   |   |   |  |
| variable  |   |   | Rated air flow rat   | e, outdoors   |   | 3400  | m³/h   |
| 1   |   |   |  |   | 1   |   | ,.   |
| L <sub>WA</sub>   | 35/53   | dB  | exchanger  |   |   | variable  | m³/h   |
|   |   |   | Rated brine or wa  | ater flow rate,   |   |   |  |
| Q <sub>HE</sub>   | 4529  | kWh   | outdoor heat exc   | hanger  |   |   | m³/h   |
|   |   |   |  |   |   |   |  |
|   | XL  |   | Water heating er   | nergy efficiency  | $\eta_{wh}$   | 101   | %  |
| 0   | 7.56  | kWh   | Daily fuel consum  | notion  | Ofuel   |   | kWh  |
|   |   |   |  | •   |   |   | GJ   |
|   | 1001  | IX V V I I  | Annual fuel collst   |   | AIC   | I   | 55   |
| METDO 7   |   | ⊷ئامەترىΩ C   | CUOI EE DK 2200 Hala   | ngo wany motorth  | mm dl   |   |  |
|   | Prated  perature Tj Pdh | Prated         8,3           perature Tj         Pdh         7,3           Pdh         4,7           Pdh         2,9           Pdh         3,3           Pdh         7,3           Pdh         0,0           Cdh         0,99           mode         0,007           P <sub>SB</sub> 0,025           P <sub>CK</sub> 0,007           P <sub>SB</sub> 0,025           P <sub>CK</sub> 0,037           U         Variable           L <sub>WA</sub> 35/53           Q <sub>HE</sub> 4529           XL         Q <sub>elec</sub> 7,56           AEC         1661 | Image: Constraint of the second se | NoYesAverageMedium temperature (55 °C)Prated8,3kWSeasonal space h<br>efficiencyperature TjDeclared coefficient of<br>rtj = -7 °CPdh7,3kWTj = -7 °CPdh4,7kWTj = +2 °CPdh2,9kWTj = +12 °CPdh7,3kWTj = the<br>T = the tract of | NoYesAverageM E TPrated8,38,3kWPrated8,38,3kWPrated8,3NoPrated8,38,3kWPrated8,3RatedSeasonal space heating energy<br>efficiencyPrated8,3RatedSeasonal space heating energy<br>efficiencyPrated8,3RatedSeasonal space heating energy<br>efficiencyPdh7,3RateTj = -7 °CPdh2,9RateTj = +12 °CPdh7,8RWTj = 10LPdh7,8Pdh7,8Pdh7,8RateTj = -15 °C (if TOL < -20 °C)Operation limit temperature<br>Cycling interval efficiencyPcychkWPorf0,025Rated heat outputPro0,007Rated air flow rate, outdoors<br>Rated water flow rate, indoor heat<br>exchangerVariableRated air flow rate, outdoors<br>Rated water flow rate, indoor heat<br>exchangerVariableRated brine or water flow rate,<br>outdoor heat exchangerVariableRated brine or water flow rate,<br>outdoor heat exchangerQ<br>HE4529KLWater heating energy efficiency<br>Daily fuel consumption<br>Annual fuel consumption | NoYesAverageMedium temperature (55 °C)Prated8,3kWSeasonal space heating energy<br>efficiencyPrated8,3kWSeasonal space heating energy<br>efficiencyPrated8,3kWTj = -7 °CDeclared coefficient of performance for part load at outdorPdh7,3kWTj = -7 °CPdh2,9kWPdh2,9kWPdh7,3kWPdh7,3kWPdh7,3kWPdhPdh7,3kWPdhAs kWPdhCOPdPdhAs kWPdhCoperation limit temperatureTobCoperation limit temperatureTobPorr0,025kWPro0,007kWPsa0,025kWPro0,037kWProQ <sub>ref</sub> 4529kWhCoperation limit energy inputProNo <td>NoYesAverageMedium temperature (55 °C)Prated8,3kWPrated8,3kWPrated8,3kWPrated8,3kWPerature 77Declared coefficient of performance for part load at outdoor temperaturePdh7,3kWPdh2,9kWPdh2,9kWPdh7,3kWPdh7,3kWPdh7,3kWTj = +7 °CCOPdQdh7,3kWTj = +7 °CCOPdCOPd2,39Pdh7,3kWTj = TOLCOPdPdh7,8KWTj = TOLCoPd2,28Pdh7,8KWTj = TOLCoPd2,28Cdh0,99-TCorpCdh0,99-TSupplementary heaterPorf0,025Rated heat outputPsup0,007kWProc0,007NuRated air flow rate, outdoorsNo3400Rated air flow rate, indoor heatexchangerVariableRated air flow rate, outdoorsNu3400Rated brine or water flow rate, indoor heatexchangerNuQuilac7,56KWQuilac7,56KWQuilac7,56KUQuilacChCh</td> | NoYesAverageMedium temperature (55 °C)Prated8,3kWPrated8,3kWPrated8,3kWPrated8,3kWPerature 77Declared coefficient of performance for part load at outdoor temperaturePdh7,3kWPdh2,9kWPdh2,9kWPdh7,3kWPdh7,3kWPdh7,3kWTj = +7 °CCOPdQdh7,3kWTj = +7 °CCOPdCOPd2,39Pdh7,3kWTj = TOLCOPdPdh7,8KWTj = TOLCoPd2,28Pdh7,8KWTj = TOLCoPd2,28Cdh0,99-TCorpCdh0,99-TSupplementary heaterPorf0,025Rated heat outputPsup0,007kWProc0,007NuRated air flow rate, outdoorsNo3400Rated air flow rate, indoor heatexchangerVariableRated air flow rate, outdoorsNu3400Rated brine or water flow rate, indoor heatexchangerNuQuilac7,56KWQuilac7,56KWQuilac7,56KUQuilacChCh |