



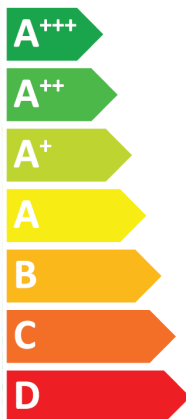
# ENERG

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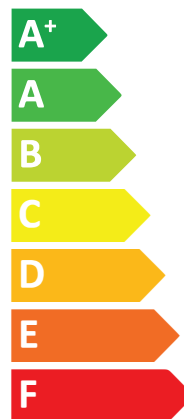
Y IJA  
IE IA



Indoor unit EHST17/20D-\*\*\*\*D  
Outdoor unit SUZ-SWM80VAH2



A++



A+



41 dB



60 dB



06 kW  
07 kW  
08 kW

| 1SPACE HEATER      |                          | For medium-temperature application             |  |   |   |  |   |  |  |  |  |   |  |  |   |   | For low-temperature application   |   |  |   |  |  |  |  |   |    |    |  |  |  |  |
|--------------------|--------------------------|--|--|---|---|--|---|--|--|--|--|---|--|--|---|---|---|---|--|---|--|--|--|--|---|----|----|--|--|--|--|
| 1                  | 2                        | 3  | 6  | 8   | 11  | 9  | 13  | 15   | 16   | 21   | 22   | 17  | 18   | 25   | 4   | 6   | 8   | 11  | 9  | 13  | 15   | 16   | 21   | 22   | 17  | 18 | 25 |  |  |  |  |
| Outdoor unit       | Indoor unit              | Medium-temperature application                 |  |   |   |  |   |  |  |  |  |   |  |  |   |   | Low-temperature application   |   |  |   |  |  |  |  |   |    |    |  |  |  |  |
|                    |                          | Seasonal space heating energy efficiency class | Rated heat output under average climate conditions | Seasonal space heating energy efficiency under average climate conditions | For space heating, annual energy consumption under average climate conditions | Sound power level L <sub>WA</sub> , indoor | Rated heat output under colder climate conditions | Seasonal space heating energy efficiency under colder climate conditions | For space heating, annual energy consumption under colder climate conditions | Seasonal space heating energy efficiency under warmer climate conditions | For space heating, annual energy consumption under warmer climate conditions | Sound power level L <sub>WA</sub> , outdoor | Seasonal space heating energy efficiency class | Rated heat output under average climate conditions | Seasonal space heating energy efficiency under average climate conditions | For space heating, annual energy consumption under average climate conditions | Seasonal space heating energy efficiency under average climate conditions | For space heating, annual energy consumption under average climate conditions | Sound power level L <sub>WA</sub> , indoor | Rated heat output under colder climate conditions | Seasonal space heating energy efficiency under colder climate conditions | For space heating, annual energy consumption under colder climate conditions | Seasonal space heating energy efficiency under warmer climate conditions | For space heating, annual energy consumption under warmer climate conditions | Sound power level L <sub>WA</sub> , outdoor |    |    |  |  |  |  |
|                    |                          | kW   | %  | kWh   | dB  | kW   | kW  | %  | kWh  | kWh  | dB   |   |  |  | kW  | %   | kWh   | dB  | kW   | kW  | %  | kWh  | kWh  | dB   |   |    |    |  |  |  |  |
| SUZ-SWM30VA        | EHSD-****D<br>ERSD-****D | A++<br>A++                                     | 4  | 130<br>2230   | 41<br>3   | 3  | 3   | 112<br>168   | 2916<br>937  | 57<br>57   | 57   | A+++<br>A+++                                | 4  | 191<br>1706  | 41<br>3   | 3   | 149<br>235  | 2077<br>675   | 57<br>57                                   |   |  |  |  |  |   |    |    |  |  |  |  |
| SUZ-SHWM30VAH      | EHSD-****D<br>ERSD-****D | A+<br>A++                                      | 4  | 124<br>2347   | 41<br>4   | 3  | 3   | 113<br>167   | 2894<br>940  | 57<br>57   | 57   | A+++<br>A+++                                | 4  | 195<br>1802  | 41<br>4   | 3   | 151<br>237  | 2055<br>668   | 57<br>57                                   |   |  |  |  |  |   |    |    |  |  |  |  |
| SUZ-SWM40VA2(-SC)  | EHSD-****D<br>ERSD-****D | A++<br>A++                                     | 5  | 133<br>2735   | 41<br>4   | 4  | 4   | 114<br>175   | 3722<br>1204   | 57<br>57   | 57   | A+++<br>A+++                                | 5  | 196<br>200   | 1954<br>1918  | 41<br>4   | 4   | 151<br>246  | 2815<br>858                                | 57<br>57  |  |  |  |  |   |    |    |  |  |  |  |
| SUZ-SHWM40VAH(-SC) | EHSD-****D<br>ERSD-****D | A+<br>A++                                      | 5  | 124<br>2994   | 41<br>5   | 4  | 4   | 114<br>181   | 3699<br>1159   | 57<br>57   | 57   | A+++<br>A+++                                | 5  | 172<br>2366  | 41<br>5   | 4   | 145<br>242  | 3328<br>3295  | 872<br>806                                 | 58<br>58  |  |  |  |  |   |    |    |  |  |  |  |
| SUZ-SWM60VA2(-SC)  | EHSD-****D<br>ERSD-****D | A++<br>A++                                     | 6  | 134<br>3615   | 41<br>5   | 6  | 6   | 106<br>102   | 4534<br>1854   | 60<br>60   | 60   | A+++<br>A+++                                | 6  | 185<br>2681  | 41<br>5   | 6   | 155<br>257  | 3121<br>3088  | 1231<br>1165                               | 60<br>60  |  |  |  |  |   |    |    |  |  |  |  |
| SUZ-SHWM60VAH(-SC) | EHSD-****D<br>ERSD-****D | A++<br>A++                                     | 6  | 126<br>3560   | 41<br>5   | 6  | 6   | 100<br>176   | 5265<br>4501   | 1884<br>1787   | 60<br>60   | A+++<br>A+++                                | 6  | 175<br>2388  | 41<br>6   | 6   | 147<br>230  | 3616<br>3583  | 1378<br>1312                               | 60<br>60  |  |  |  |  |   |    |    |  |  |  |  |
| SUZ-SWM80VA2       | EHSD-****D<br>ERSD-****D | A++<br>A++                                     | 7  | 133<br>4262   | 41<br>6   | 8  | 8   | 105<br>101   | 5035<br>5231   | 2305<br>1818   | 60<br>60   | A+++<br>A+++                                | 7  | 183<br>2783  | 41<br>6   | 8   | 148<br>241  | 3830<br>3583  | 1693<br>1626                               | 60<br>60  |  |  |  |  |   |    |    |  |  |  |  |
| SUZ-SWM80VAH2      | EHSD-****D<br>ERSD-****D | A++<br>A++                                     | 7  | 128<br>4401   | 41<br>6   | 8  | 8   | 99<br>100  | 5311<br>5002   | 2311<br>2239   | 60<br>60   | A+++<br>A+++                                | 7  | 175<br>187   | 3074<br>2874  | 41<br>6   | 8   | 136<br>233  | 4101<br>4068                               | 1699<br>1633                                      | 60<br>60   |  |  |  |   |    |    |  |  |  |  |
| SUZ-SWM100VA       | EHSD-****D<br>ERSD-****D | A++<br>A++                                     | 8  | 133<br>4567   | 41<br>6   | 9  | 9   | 104<br>105   | 5054<br>5021   | 2558<br>2491   | 62<br>62   | A+++<br>A+++                                | 8  | 179<br>182   | 3548<br>3492  | 41<br>7   | 9   | 144<br>237  | 4484<br>4451                               | 2071<br>2005                                      | 62<br>62   |  |  |  |   |    |    |  |  |  |  |
| SUZ-SWM100VAH      | EHSD-****D<br>ERSD-****D | A++<br>A++                                     | 8  | 127<br>4758   | 41<br>6   | 9  | 9   | 100<br>100   | 5273<br>5240   | 2559<br>2493   | 62<br>62   | A+++<br>A+++                                | 8  | 174<br>177   | 3640<br>3585  | 41<br>7   | 9   | 137<br>238  | 4704<br>4671                               | 2063<br>1997                                      | 62<br>62   |  |  |  |   |    |    |  |  |  |  |

| 2.COMBINATION HEATER |               | For medium-temperature application |  |                                       |  |   |  |  |  |                                 |   |  |  |  |   |   |   |                       |  |                                       |  |   |  |  | For low-temperature application            |                                 |   |  |  |  |   |   |   |    |    |    |      |     |      |      |     |     |     |     |    |  |  |
|----------------------|---------------|------------------------------------|--|---------------------------------------|--|---|--|--|--|---------------------------------|---|--|--|--|---|---|---|-----------------------|--|---------------------------------------|--|---|--|--|--|---------------------------------|---|--|--|--|---|---|---|----|----|----|------|-----|------|------|-----|-----|-----|-----|----|--|--|
| 1                    | 2             | 3                                  | 5  | 6                                     | 7  | 8   | 9  | 10   | 11   | 12                              | 13  | 14   | 15   | 16   | 17  | 18  | 19  | 20                    | 21   | 22                                    | 23   | 24  | 25   | 4  | 5  | 6                               | 7   | 8  | 9  | 10   | 11  | 12  | 13  | 14 | 15 | 16 | 17   | 18  | 19   | 20   | 21  | 22  | 23  | 24  | 25 |  |  |
| Outdoor unit         | Indoor unit   | Medium-temperature application     |  |                                       |  |   |  |  |  |                                 |   |  |  |  |   |   |   |                       |  |                                       |  |   |  |  | Low-temperature application                |                                 |   |  |  |  |   |   |   |    |    |    |      |     |      |      |     |     |     |     |    |  |  |
|                      |               | Declared load profile              | Seasonal space heating energy efficiency class | Water heating energy efficiency class | Rated heat output under average climate conditions | For space heating, annual energy consumption under average climate conditions | For water heating, annual electricity consumption under average climate conditions | Water heating energy efficiency under average climate conditions | Sound power level L <sub>WA</sub> , indoor | Work only during off-peak hours | Rated heat output under colder climate conditions | Seasonal space heating energy efficiency under colder climate conditions | For space heating, annual energy consumption under colder climate conditions | Seasonal space heating energy efficiency under warmer climate conditions | For water heating, annual electricity consumption under warmer climate conditions | Water heating energy efficiency under warmer climate conditions | Sound power level L <sub>WA</sub> , outdoor | Declared load profile | Seasonal space heating energy efficiency class | Water heating energy efficiency class | Rated heat output under average climate conditions | For space heating, annual energy consumption under average climate conditions | For water heating, annual electricity consumption under average climate conditions | Water heating energy efficiency under average climate conditions | Sound power level L <sub>WA</sub> , indoor | Work only during off-peak hours | Rated heat output under colder climate conditions | Seasonal space heating energy efficiency under colder climate conditions | For space heating, annual energy consumption under colder climate conditions | Seasonal space heating energy efficiency under warmer climate conditions | For water heating, annual electricity consumption under warmer climate conditions | Water heating energy efficiency under warmer climate conditions | Sound power level L <sub>WA</sub> , outdoor |    |    |    |      |     |      |      |     |     |     |     |    |  |  |
| SUZ-SWM30VA          | EHST17D-****D | ✓                                  | L  | A++                                   | A+   | 4   | 2230   | 776  | 130  | 147                             | 41  | -  | 3  | 3  | 2916  | 937   | 886   | 709                   | 112  | 168                                   | 121  | 169   | 57   | ✓  | L  | A+++                            | A+  | 4  | 1706   | 776  | 191   | 147   | 41  | -  | 3  | 3  | 2077 | 675 | 886  | 709  | 149 | 235 | 121 | 169 | 57 |  |  |
|                      | ERST17D-****D | ✓                                  | L  | A++                                   | A+   | 4   | 2193   | 776  | 133  | 147                             | 41  | -  | 3  | 3  | 2894  | 893   | 886   | 709                   | 113  | 177                                   | 121  | 169   | 57   | ✓  | L  | A+++                            | A+  | 4  | 1670   | 776  | 195   | 147   | 41  | -  | 3  | 3  | 2055 | 630 | 886  | 709  | 151 | 251 | 121 | 169 | 57 |  |  |
|                      | EHST20D-****D | ✓                                  | L  | A++                                   | A+   | 4   | 2230   | 821  | 130  | 147                             | 41  | -  | 3  | 3  | 2916  | 937   | 883   | 714                   | 112  | 168                                   | 127  | 173   | 57   | ✓  | L  | A+++                            | A+  | 4  | 1706   | 821  | 191   | 147   | 41  | -  | 3  | 3  | 2077 | 675 | 883  | 714  | 149 | 235 | 127 | 173 | 57 |  |  |
|                      | ERST20D-****D | ✓                                  | L  | A++                                   | A+   | 4   | 2193   | 821  | 133  | 147                             | 41  | -  | 3  | 3  | 2894  | 893   | 883   | 714                   | 113  | 177                                   | 127  | 173   | 57   | ✓  | L  | A+++                            | A+  | 4  | 1670   | 821  | 195   | 147   | 41  | -  | 3  | 3  | 2055 | 630 | 883  | 714  | 151 | 251 | 127 | 173 | 57 |  |  |
|                      | EHST30D-****D | ✓                                  | XL   | A++                                   | A+   | 4   | 2230   | 1327   | 130  | 130                             | 41  | -  | 3  | 3  | 2916  | 937   | 1485  | 1129                  | 112  | 168                                   | 116  | 153   | 57   | ✓  | XL   | A+++                            | A+  | 4  | 1706   | 1327   | 191   | 130   | 41  | -  | 3  | 3  | 2077 | 675 | 1485 | 1129 | 149 | 235 | 116 | 153 | 57 |  |  |
| SUZ-SHWM30VAH        | EHST17D-****D | ✓                                  | XL   | A++                                   | A+   | 4   | 2193   | 1327   | 133  | 130                             | 41  | -  | 3  | 3  | 2894  | 893   | 1485  | 1129                  | 113  | 177                                   | 116  | 153   | 57   | ✓  | XL   | A+++                            | A+  | 4  | 1670   | 1327   | 195   | 130   | 41  | -  | 3  | 3  | 2055 | 630 | 1485 | 1129 | 151 | 251 | 116 | 153 | 57 |  |  |
|                      | ERST17D-****D | ✓                                  | L  | A+                                    | A+   | 4   | 2347   | 776  | 124  | 147                             | 41  | -  | 4  | 3  | 3307  | 940   | 886   | 709                   | 104  | 167                                   | 121  | 169   | 57   | ✓  | L  | A+++                            | A+  | 4  | 1802   | 776  | 180   | 147   | 41  | -  | 4  | 3  | 2521 | 668 | 886  | 709  | 138 | 237 | 121 | 169 | 57 |  |  |
|                      | ERST17D-****D | ✓                                  | L  | A++                                   | A+   | 4   | 2311   | 776  | 126  | 147                             | 41  | -  | 4  | 3  | 3285  | 896   | 886   | 709                   | 105  | 176                                   | 121  | 169   | 57   | ✓  | L  | A+++                            | A+  | 4  | 1766   | 776  | 184   | 147   | 41  | -  | 4  | 3  | 2499 | 624 | 886  | 709  | 139 | 254 | 121 | 169 | 57 |  |  |
|                      | EHST20D-****D | ✓                                  | L  | A+                                    | A+   | 4   | 2347   | 821  | 124  | 147                             | 41  | -  | 4  | 3  | 3307  | 940   | 883   | 714                   | 104  | 167                                   | 127  | 173   | 57   | ✓  | L  | A+++                            | A+  | 4  | 1802   | 821  | 180   | 147   | 41  | -  | 4  | 3  | 2521 | 668 | 883  | 714  | 138 | 237 | 127 | 173 | 57 |  |  |
|                      | ERST20D-****D | ✓                                  | L  | A++                                   | A+   | 4   | 2311   | 821  | 126  | 147                             | 41  | -  | 4  | 3  | 3285  | 896   | 883   | 714                   | 105  | 176                                   | 127  | 173   | 57   | ✓  | L  | A+++                            | A+  | 4  | 1766   | 821  | 184   | 147   | 41  | -  | 4  | 3  | 2499 | 624 | 883  | 714  | 139 | 254 | 127 | 173 | 57 |  |  |
| SUZ-SWM40VA2(-SC)    | EHST30D-****D | ✓                                  | XL   | A+                                    | A+   | 4   | 2347   | 1327   | 124  | 130                             | 41  | -  | 4  | 3  | 3307  | 940   | 1485  | 1129                  | 104  | 167                                   | 116  | 153   | 57   | ✓  | XL   | A+++                            | A+  | 4  | 1802   | 1327   | 180   | 130   | 41  | -  | 4  | 3  | 2521 | 668 | 1485 | 1129 | 138 | 237 | 116 | 153 | 57 |  |  |
|                      | ERST30D-****D | ✓                                  | XL   | A++                                   | A+   | 4   | 2311   | 1327   | 126  | 130                             | 41  | -  | 4  | 3  | 3285  | 896   | 1485  | 1129                  | 105  | 176                                   | 116  | 153   | 57   | ✓  | XL   | A+++                            | A+  | 4  | 1766   | 1327   | 184   | 130   | 41  | -  | 4  | 3  | 2499 | 624 | 1485 | 1129 | 139 | 254 | 116 | 153 | 57 |  |  |
|                      | EHST17D-****D | ✓                                  | L  | A++                                   | A+   | 5   | 2735   | 776  | 133  | 147                             | 41  | -  | 4  | 4  | 3722  | 1204  | 886   | 709                   | 114  | 175                                   | 121  | 169   | 57   | ✓  | L  | A+++                            | A+  | 5  | 1954   | 776  | 196   | 147   | 41  | -  | 4  | 4  | 2815 | 858 | 886  | 709  | 151 | 246 | 121 | 169 | 57 |  |  |
|                      | ERST17D-****D | ✓                                  | L  | A++                                   | A+   | 5   | 2699   | 776  | 135  | 147                             | 41  | -  | 4  | 4  | 3699  | 1159  | 886   | 709                   | 114  | 181                                   | 121  | 169   | 57   | ✓  | L  | A+++                            | A+  | 5  | 1918   | 776  | 200   | 147   | 41  | -  | 4  | 4  | 2793 | 814 | 886  | 709  | 152 | 260 | 121 | 169 | 57 |  |  |
|                      | EHST20D-****D | ✓                                  | L  | A++                                   | A+   | 5   | 2735   | 821  | 133  | 147                             | 41  | -  | 4  | 4  | 3722  | 1204  | 883   | 714                   | 114  | 175                                   | 127  | 173   | 57   | ✓  | L  | A+++                            | A+  | 5  | 1954   | 821  | 196   | 147   | 41  | -  | 4  | 4  | 2815 | 858 | 883  | 714  | 151 | 246 | 127 | 173 | 57 |  |  |
| SUZ-SWM60VA2(-SC)    | ERST20D-****D | ✓                                  | L  | A++                                   | A+   | 5   | 2699   | 821  | 135  | 147                             | 41  | -  | 4  | 4  | 3699  | 1159  | 883   | 714                   | 114  | 181                                   | 127  | 173   | 57   | ✓  | L  | A+++                            | A+  | 5  | 1918   | 821  | 200   | 147   | 41  | -  | 4  | 4  | 2793 | 814 | 883  | 714  | 152 | 260 | 127 | 173 | 57 |  |  |
|                      | EHST30D-****D | ✓                                  | XL   | A++                                   | A+   | 5   | 2735   | 1327   | 133  | 130                             | 41  | -  | 4  | 4  | 3722  | 1204  | 1485  | 1129                  | 114  | 175                                   | 116  | 153   | 57   | ✓  | XL   | A+++                            | A+  | 5  | 1954   | 1327   | 196   | 130   | 41  | -  | 4  | 4  | 2815 | 858 | 1485 | 1129 | 151 | 246 | 116 | 153 | 57 |  |  |
|                      | ERST30D-****D | ✓                                  | XL   | A++                                   | A+   | 5   | 2699   | 1327   | 135  | 130                             | 41  | -  | 4  | 4  | 3699  | 1159  | 1485  | 1129                  | 114  | 181                                   | 116  | 153   | 57   | ✓  | XL   | A+++                            | A+  | 5  | 1918   | 1327   | 200   | 130   | 41  | -  | 4  | 4  | 2793 | 814 | 1485 | 1129 | 152 | 260 | 116 | 153 | 57 |  |  |
|                      | EHST17D-****D | ✓                                  | L  | A+                                    | A+   | 5   | 2994   | 832  | 124  | 139                             | 41  | -  | 5  | 4  | 4711  | 1305  | 892   | 646                   | 102  | 161                                   | 120  | 167   | 58   | ✓  | L  | A++                             | A+  | 5  | 2366   | 832  | 172   | 139   | 41  | -  | 5  | 4  | 3328 |     |      |      |     |     |     |     |    |  |  |



|    |   |   |  |  |  |
|----|---|---|--|--|--|
|    | English<br>Nederlands<br>suomi  | Deutsch<br>Svenska<br>Čeština   | Français<br>Dansk<br>Български   | Italiano<br>Português<br>Polski  | Español<br>Ελληνικά<br>-   |
| 1  | Outdoor unit<br>buitenunit<br>Ulkoyksikkö   | Außengerät<br>Utomhusenhet<br>Venkovní jednotka   | unité extérieure<br>Udendørs enhed<br>Външно тяло  | unità esterna<br>unidade exterior<br>jednostka zewnętrzna  | unidad exterior<br>Εξωτερική μονάδα<br>-   |
|    | Indoor unit<br>binnenunit<br>Sisäyksikkö  | Innengerät<br>Inomhusenhet<br>Vnitřní jednotka  | unité intérieure<br>Indendørs enhed<br>Вътрешно тяло   | unità interna<br>unidade interior<br>jednostka wewnętrzna  | unidad interior<br>Εσωτερική μονάδα<br>-   |
| 3  | Medium-temperature application<br>middentemperatuur-toepassing<br>keskilämpötilan sovellus  | Mitteltemperaturanwendung<br>mediumtemperaturanvendelsen<br>středněteplotní aplikace  | l'application à moyenne température<br>middeltemperaturanvendelsen<br>среднотемпературното приложение  | le applicazioni a media temperatura<br>a aplicação a média temperatura<br>zastosowania w średnich temperaturach  | la aplicación de media temperatura<br>η εφαρμογή σε μέση θερμοκρασία<br>-  |
|    | Low-temperature application<br>lagetemperatuur-toepassing<br>matalanlämpötilan sovellus   | Niedertemperaturanwendung<br>lågtemperaturanvendelsen<br>nízkoteplotní aplikace   | l'application à basse température<br>lavtemperaturanvendelsen<br>нискотемпературни приложения  | le applicazioni a bassa temperatura<br>a aplicação a baixa temperatura<br>zastosowania w niskich temperaturach   | la aplicación de baja temperatura<br>η εφαρμογή σε χαμηλή θερμοκρασία<br>-   |
| 5  | Declared load profile<br>Opgegeven capaciteitsprofiel<br>Ilmoitettu kuormitusprofiili   | Angegebenes Lastprofil<br>Deklarerad belastningsprofil<br>Deklarovaný zátěžový profil   | Profil de soultirage déclaré<br>Angivet forbrugsprofil<br>Объявен товаров профил   | Profilo di carico dichiarato<br>Perfil de carga declarado<br>Deklarowany profil obciążen   | Perfil de carga declarado<br>Δηλωμένο προφίλ φορτίου<br>-  |
|    | Seasonal space heating energy efficiency class<br>de seizoensgebonden energie-efficiëntieklasse voor ruimteverwarming<br>tilalämmityksen kausittainen energiatehokkuusluokka  | die Klasse für die jahreszeitbedingte Raumheizungs-Energieeffizienz<br>säsongsbaserade energieeffektivitetsklass vid rumsuppvärmning<br>třída sezonní energetické účinnosti vytápění  | la classe d'efficacité énergétique saisonnière, pour le chauffage des locaux<br>klassen for årsvirkningsgrad ved rumopvarmning<br>класът на сезонната отоплителна енергийна ефективност  | la classe di efficienza energetica stagionale del riscaldamento d'ambiente<br>A classe de eficiência energética do aquecimento ambiente sazonal<br>klasa sezonowej efektywności energetycznej ogrzewania pomieszczeń   | la clase de eficiencia energética estacional de calefacción<br>η τάξη ενεργειακής απόδοσης της εποχιακής θέρμανσης χώρου<br>-  |
| 7  | Water heating energy efficiency class<br>de energie-efficiëntieklasse voor waterverwarming<br>vedenlämmityksen energiatehokkuusluokka   | die Klasse für die Warmwasserbereitungs-Energieeffizienz<br>energieeffektivitetsklass vid vattenuppvärmning<br>třída energetické účinnosti ohřevu vody  | la classe d'efficacité énergétique, pour le chauffage de l'eau<br>klassen for årsvirkningsgrad ved vandopvarmning<br>класът на енергийната ефективност при подграване на вода  | la classe di efficienza energetica del riscaldamento dell'acqua<br>A classe de eficiência energética do aquecimento de água<br>klasa efektywności energetycznej podgrzewania wody  | la clase de eficiencia energética del caldeo de agua<br>η τάξη ενεργειακής απόδοσης θέρμανσης νερού<br>-   |
|    | Rated heat output under average climate conditions<br>de nominale warmteafgifte(onder gemiddelde klimaatomstandigheden)<br>nimellislämpöteho(keskimääräisissä ilmastoloosuhteissa)  | die Wärmenenleistung bei durchschnittlichen Klimaverhältnissen<br>Den nominella avgivna värmeeffekten(under genomsnittliga klimatförhållanden)<br>jmenovitě tepelný výkon(za průměrných klimatických podmínek)  | la puissance thermique nominale dans les conditions climatiques moyennes<br>den nominelle nytteeffekt(under gennemsnitlige klimaforhold)<br>номиналната топлинна мощност(при средни климатични условия)  | la potenza termica nominale(in condizioni climatiche medie)<br>A potência calorífica nominal(em condições climáticas médias)<br>znamięnowa moc cieplna(w warunkach klimatu umiarkowanego)  | la potencia calorífica nominal(en condiciones climáticas medias)<br>η ονομαστική θερμική ισχύς(υπό μέσες κλιματικές συνθήκες)<br>-   |
| 9  | For space heating, annual energy consumption under average climate conditions<br>voor ruimteverwarming, het jaarlijkse energieverbruik(onder gemiddelde klimaatomstandigheden)<br>tilalämmityksestä vuotuinen energiankulutus(keskimääräisissä ilmastoloosuhteissa)           | für die Raumheizung, den jährlichen Energieverbrauch bei durchschnittlichen Klimaverhältnissen<br>För rumsuppvärmning, årlig energiförbrukning(vid genomsnittliga klimatförhållanden)<br>pro vytápění – roční spotřeba energie za průměrných klimatických podmínek                  | pour le chauffage des locaux, la consommation annuelle d'énergie(dans les conditions climatiques moyennes)<br>for rumopvarmning det årlige energiforbrug(under gennemsnitlige klimaforhold)<br>за отопление, годишното потребление на енергия(при средни климатични условия)               | per il riscaldamento d'ambiente, il consumo annuo di energia(in condizioni climatiche medie)<br>Para o aquecimento ambiente, o consumo anual de energia(em condições climáticas médias)<br>w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii(w warunkach klimatu umiarkowanego)                | para calentar espacios, el consumo anual de energia(en condiciones climáticas medias)<br>για τη θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας(υπό μέσες κλιματικές συνθήκες)<br>-                  |
| 10 | For water heating, annual electricity consumption under average climate conditions<br>voor waterverwarming, het jaarlijkse elektriciteitsverbruik(onder gemiddelde klimaatomstandigheden)<br>vedenlämmityksestä vuotuinen sähkönkulutus(keskimääräisissä ilmastoloosuhteissa) | für die Warmwasserbereitung, den jährlichen Stromverbrauch bei durchschnittlichen Klimaverhältnissen<br>För vattenuppvärmning, årlig elförbrukning(vid genomsnittliga klimatförhållanden)<br>pro ohřev vody – roční spotřeba elektrické energie za průměrných klimatických podmínek | pour le chauffage de l'eau, la consommation annuelle d'électricité(dans les conditions climatiques moyennes)<br>for vandopvarmning det årlige elforbrug(under gennemsnitlige klimaforhold)<br>за подграване на вода, годишното потребление(при средни климатични условия)                  | per il riscaldamento dell'acqua, il consumo annuo di energia(in condizioni climatiche medie)<br>para o aquecimento de água, o consumo anual de eletricidade(em condições climáticas médias)<br>w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej(w warunkach klimatu umiarkowanego)    | para calentar agua, el consumo anual de electricidad(en condiciones climáticas medias)<br>η ετήσια κατανάλωση ηλεκτρικής ενέργειας(υπό μέσες κλιματικές συνθήκες)<br>-                             |
| 11 | Seasonal space heating energy efficiency under average climate conditions<br>de seizoensgebonden energie-efficiëntie voor ruimteverwarming(onder gemiddelde klimaatomstandigheden)<br>tilalämmityksen kausittainen energiatehokkuus(keskimääräisissä ilmastoloosuhteissa)     | die jahreszeitbedingte Raumheizungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen<br>Säsongsmedelverkningsgrad för rumsuppvärmning(vid genomsnittliga klimatförhållanden)<br>sezonní energetická účinnost vytápění za průměrných klimatických podmínek                 | l'efficacité énergétique saisonnière pour le chauffage des locaux(dans les conditions climatiques moyennes)<br>årsvirkningsgraden ved rumopvarmning(under gennemsnitlige klimaforhold)<br>сезонната енергийна ефективност при отопление(при средни климатични условия)                     | l'efficienza energetica stagionale di riscaldamento d'ambiente(in condizioni climatiche medie)<br>A eficiência energética do aquecimento ambiente sazonal(em condições climáticas médias)<br>sezonowa efektywność energetyczna ogrzewania pomieszczeń(w warunkach klimatu umiarkowanego)                     | la eficiencia energética estacional de calefacción(en condiciones climáticas medias)<br>η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου(υπό μέσες κλιματικές συνθήκες)<br>-                     |
| 12 | Water heating energy efficiency under average climate conditions<br>de energie-efficiëntie voor waterverwarming(onder gemiddelde klimaatomstandigheden)<br>vedenlämmityksen energiatehokkuus(keskimääräisissä ilmastoloosuhteissa)  | die Warmwasserbereitungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen<br>Energieeffektivitet ved vattenuppvärmning(vid genomsnittliga klimatförhållanden)<br>energetická účinnost ohřevu vody za průměrných klimatických podmínek                                     | l'efficacité énergétique pour le chauffage de l'eau(dans les conditions climatiques moyennes)<br>energieeffektiviteten ved vandopvarmning(under gennemsnitlige klimaforhold)<br>енергийната ефективност при подграване на вода(при средни климатични условия)                              | l'efficienza energetica di riscaldamento dell'acqua(in condizioni climatiche medie)<br>a eficiência energética do aquecimento de água(em condições climáticas médias)<br>efektywność energetyczna podgrzewania wody(w warunkach klimatu umiarkowanego)   | la eficiencia energética del caldeo de agua(en condiciones climáticas medias)<br>η ενεργειακή απόδοση θέρμανσης νερού(υπό μέσες κλιματικές συνθήκες)<br>-  |
| 13 | Sound power level L <sub>WA</sub> indoor<br>het geluidsvermogensniveau L <sub>WA</sub> binnen<br>äänitehotaso L <sub>WA</sub> sisällä   | der Schalleistungspegel L <sub>WA</sub> in Gebäuden<br>Ljudeffektnivå L <sub>WA</sub> i inomhus<br>hladina akustického výkonu L <sub>WA</sub> ve vnitřním prostoru  | le niveau de puissance acoustique L <sub>WA</sub> , à l'intérieur<br>lydeeffektniveauet L <sub>WA</sub> i inde<br>ниводо на звуковата мощност L <sub>WA</sub> на закрито   | Il livello di potenza sonora L <sub>WA</sub> all'interno<br>O nível de potência sonora L <sub>WA</sub> no interior<br>poziom mocy akustycznej L <sub>WA</sub> w pomieszczeniu  | el nivel de potencia acústica L <sub>WA</sub> en interiores<br>η στάθμη ηχητικής ισχύος L <sub>WA</sub> εσωτερικού χώρου<br>-  |
| 14 | Work only during off-peak hours<br>werken uitsluitend in de daluren<br>toimimaan ainoastaan kuluushuipujen ulkopuolella   | dass ein ausschließlicher Betrieb des Kombiheizgerätes zu Schwachlastzeiten<br>drivas uteslutande under perioder med låg belastning<br>provodu pouze mimo špičku  | fonctionner qu'en heures creuses<br>fungere uden for spidsbelastningsperioder<br>работи само в часовете извън върховото натоварване  | funzione soltanto durante le ore morte<br>de funcionar unicamente fora das horas de pico<br>pracować jedynie w godzinach poza szczytowym obciążeniem   | funcionar solamente durante las horas de baja demanda<br>λειτουργία μόνο εκτός των ωρών αιχμής<br>-  |
| 15 | Rated heat output under colder climate conditions<br>de nominale warmteafgifte, onder koudere klimaatomstandigheden<br>nimellislämpöteho, kylmissä ilmastoloosuhteissa  | die Wärmenenleistung bei kälteren Klimaverhältnissen<br>Nominell avgiven värmeeffekt vid kallare klimatförhållanden<br>jmenovitě tepelný výkon za chladnějších klimatických podmínek  | la puissance thermique nominale, dans les conditions climatiques plus froides<br>den nominelle nytteeffekt under koldere klimaforhold<br>номиналната топлинна мощност при по-студени климатични условия  | la potenza termica nominale, in condizioni climatiche più fredde<br>A potência calorífica nominal em condições climáticas mais frias<br>znamięnowa moc cieplna w warunkach klimatu chłodnego   | la potencia calorífica nominal en condiciones climáticas más frías<br>η ονομαστική θερμική ισχύς υπό ψυχρότερες κλιματικές συνθήκες<br>-   |
| 16 | Rated heat output under warmer climate conditions<br>de nominale warmteafgifte, onder warmere klimaatomstandigheden<br>nimellislämpöteho, lämpimissä ilmastoloosuhteissa  | die Wärmenenleistung bei wärmeren Klimaverhältnissen<br>Nominell avgiven värmeeffekt vid varmare klimatförhållanden<br>jmenovitě tepelný výkon za teplejších klimatických podmínek  | la puissance thermique nominale, dans les conditions climatiques plus chaudes<br>den nominelle nytteeffekt under varmere klimaforhold<br>номиналната топлинна мощност при по-топли климатични условия  | la potenza termica nominale, in condizioni climatiche più calde<br>A potência calorífica nominal em condições climáticas mais quentes<br>znamięnowa moc cieplna w warunkach klimatu ciepłego   | la potencia calorífica nominal en condiciones climáticas más cálidas<br>η ονομαστική θερμική ισχύς υπό θερμότερες κλιματικές συνθήκες<br>-   |
| 17 | For space heating, annual energy consumption under colder climate conditions<br>voor ruimteverwarming, het jaarlijkse energieverbruik onder koudere klimaatomstandigheden<br>tilalämmityksestä vuotuinen energiankulutus kylmissä ilmastoloosuhteissa                         | für die Raumheizung, der jährliche Energieverbrauch bei kälteren Klimaverhältnissen<br>För rumsuppvärmning, årlig energiförbrukning under kallare klimatförhållanden<br>pro vytápění – roční spotřeba energie za chladnější klimatických podmínek                                   | pour le chauffage des locaux, la consommation annuelle d'énergie, dans les conditions climatiques plus froides<br>for rumopvarmning det årlige energiforbrug under koldere klimaforhold<br>за отопление, годишното потребление на енергия при по-студени климатични условия                | per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più fredde<br>Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais frias<br>w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii w warunkach klimatu chłodnego             | para calentar espacios, el consumo anual de energia en condiciones climáticas más frías<br>για θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας υπό ψυχρότερες κλιματικές συνθήκες<br>-               |
| 18 | For space heating, annual energy consumption under warmer climate conditions<br>voor ruimteverwarming, het jaarlijkse energieverbruik onder warmere klimaatomstandigheden<br>tilalämmityksestä vuotuinen energiankulutus lämpimissä ilmastoloosuhteissa                       | für die Raumheizung, der jährliche Energieverbrauch bei wärmeren Klimaverhältnissen<br>För rumsuppvärmning, årlig energiförbrukning under varmare klimatförhållanden<br>pro vytápění – roční spotřeba energie za teplejších klimatických podmínek                                   | pour le chauffage des locaux, la consommation annuelle d'énergie, dans les conditions climatiques plus chaudes<br>for rumopvarmning det årlige energiforbrug under varmere klimaforhold<br>за отопление, годишното потребление на енергия при по-топли климатични условия                  | per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più calde<br>Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais quentes<br>w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii w warunkach klimatu ciepłego             | para calentar espacios, el consumo anual de energia en condiciones climáticas más cálidas<br>για θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας υπό θερμότερες κλιματικές συνθήκες<br>-             |
| 19 | For water heating, annual energy consumption under colder climate conditions<br>voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder koudere klimaatomstandigheden<br>vedenlämmityksestä vuotuinen sähkönkulutus kylmissä ilmastoloosuhteissa                    | für die Warmwasserbereitung, der jährliche Stromverbrauch bei kälteren Klimaverhältnissen<br>För vattenuppvärmning, årlig elförbrukning under kallare klimatförhållanden<br>pro ohřev vody – roční spotřeba elektrické energie za chladnějších klimatických podmínek                | pour le chauffage de l'eau, la consommation annuelle d'électricité, dans les conditions climatiques plus froides<br>for vandopvarmning det årlige elforbrug under koldere klimaforhold<br>за подграване на вода, годишното потребление на електроенергия при по-студени климатични условия | per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde<br>para o aquecimento de água, o consumo anual de eletricidade em condições climáticas mais frias<br>w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej w warunkach klimatu chłodnego | para calentar agua, el consumo anual de electricidad en condiciones climáticas más frías<br>για θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας υπό ψυχρότερες κλιματικές συνθήκες<br>-   |
| 20 | For water heating, annual energy consumption under warmer climate conditions<br>voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmere klimaatomstandigheden<br>vedenlämmityksestä vuotuinen sähkönkulutus lämpimissä ilmastoloosuhteissa                  | für die Warmwasserbereitung, der jährliche Stromverbrauch bei wärmeren Klimaverhältnissen<br>För vattenuppvärmning, årlig elförbrukning under varmare klimatförhållanden<br>pro ohřev vody – roční spotřeba elektrické energie za teplejších klimatických podmínek                  | pour le chauffage de l'eau, la consommation annuelle d'électricité, dans les conditions climatiques plus chaudes<br>for vandopvarmning det årlige elforbrug under varmere klimaforhold<br>за подграване на вода, годишното потребление на електроенергия при по-топли климатични условия   | per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più calde<br>para o aquecimento de água, o consumo anual de eletricidade em condições climáticas mais quentes<br>w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej w warunkach klimatu ciepłego | para calentar agua, el consumo anual de electricidad en condiciones climáticas más cálidas<br>για θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας υπό θερμότερες κλιματικές συνθήκες<br>- |
| 21 | Seasonal space heating energy efficiency under colder climate conditions<br>de seizoensgebonden energie-efficiëntie voor ruimteverwarming onder koudere klimaatomstandigheden<br>tilalämmityksen kausittainen energiatehokkuus kylmissä ilmastoloosuhteissa                   | die jahreszeitbedingte Raumheizungs-Energieeffizienz bei kälteren Klimaverhältnissen<br>Säsongsmedelverkningsgrad för rumsuppvärmning under kallare klimatförhållanden<br>sezonní energetická účinnost vytápění za chladnějších klimatických podmínek                               | l'efficacité énergétique saisonnière pour le chauffage des locaux, dans les conditions climatiques plus froides<br>årsvirkningsgraden ved rumopvarmning under koldere klimaforhold<br>сезонната енергийна ефективност при отопление при по-студени климатични условия                      | l'efficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più fredde<br>A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais frias<br>sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach klimatu chłodnego                   | la eficiencia energética estacional de calefacción en condiciones climáticas más frías<br>η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό ψυχρότερες κλιματικές συνθήκες<br>-               |
| 22 | Seasonal space heating energy efficiency under warmer climate conditions<br>de seizoensgebonden energie-efficiëntie voor ruimteverwarming onder warmere klimaatomstandigheden<br>tilalämmityksen kausittainen energiatehokkuus lämpimissä ilmastoloosuhteissa                 | die jahreszeitbedingte Raumheizungs-Energieeffizienz bei wärmeren Klimaverhältnissen<br>Säsongsmedelverkningsgrad för rumsuppvärmning under varmare klimatförhållanden<br>sezonní energetická účinnost vytápění za teplejších klimatických podmínek                                 | l'efficacité énergétique saisonnière pour le chauffage des locaux, dans les conditions climatiques plus chaudes<br>årsvirkningsgraden ved rumopvarmning under varmere klimaforhold<br>сезонната енергийна ефективност при отопление при по-топли климатични условия                        | l'efficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più calde<br>A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais quentes<br>sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach klimatu ciepłego                   | la eficiencia energética estacional de calefacción en condiciones climáticas más cálidas<br>η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό θερμότερες κλιματικές συνθήκες<br>-             |
| 23 | Water heating energy efficiency under colder climate conditions<br>de energie-efficiëntie voor waterverwarming onder koudere klimaatomstandigheden<br>vedenlämmityksen energiatehokkuus kylmissä ilmastoloosuhteissa  | die Warmwasserbereitungs-Energieeffizienz bei kälteren Klimaverhältnissen<br>Energieeffektivitet ved vattenuppvärmning under kallare klimatförhållanden<br>energetická účinnost ohřevu vody za chladnějších klimatických podmínek   | l'efficacité énergétique pour le chauffage de l'eau, dans les conditions climatiques plus froides<br>energieeffektiviteten ved vandopvarmning under koldere klimaforhold<br>енергийната ефективност при подграване на вода при по-студени климатични условия                               | l'efficienza energetica di riscaldamento dell'acqua in condizioni climatiche più fredde<br>a eficiência energética do aquecimento de água em condições climáticas mais frias<br>efektywność energetyczna podgrzewania wody w warunkach klimatu chłodnego   | la eficiencia energética de caldeo de agua en condiciones climáticas más frías<br>η ενεργειακή απόδοση της θέρμανσης νερού υπό ψυχρότερες κλιματικές συνθήκες<br>-                                 |
| 24 | Water heating energy efficiency under warmer climate conditions<br>de energie-efficiëntie voor waterverwarming onder warmere klimaatomstandigheden<br>vedenlämmityksen energiatehokkuus lämpimissä ilmastoloosuhteissa  | die Warmwasserbereitungs-Energieeffizienz bei wärmeren Klimaverhältnissen<br>Energieeffektivitet ved vattenuppvärmning under varmare klimatförhållanden<br>energetická účinnost ohřevu vody za teplejších klimatických podmínek   | l'efficacité énergétique pour le chauffage de l'eau, dans les conditions climatiques plus chaudes<br>energieeffektiviteten ved vandopvarmning under varmere klimaforhold<br>енергийната ефективност при подграване на вода при по-топли климатични условия                                 | l'efficienza energetica di riscaldamento dell'acqua in condizioni climatiche più calde<br>a eficiência energética do aquecimento de água em condições climáticas mais quentes<br>efektywność energetyczna podgrzewania wody w warunkach klimatu ciepłego   | la eficiencia energética de caldeo de agua en condiciones climáticas más cálidas<br>η ενεργειακή απόδοση της θέρμανσης νερού υπό θερμότερες κλιματικές συνθήκες<br>-                               |
| 25 | Sound power level L <sub>WA</sub> outdoor<br>het geluidsvermogensniveau L <sub>WA</sub> buiten<br>äänitehotaso L <sub>WA</sub> ulkona   | der Schalleistungspegel L <sub>WA</sub> im Freien<br>Ljudeffektnivå L <sub>WA</sub> i utomhus<br>hladina akustického výkonu L <sub>WA</sub> ve venkovním prostoru   | le niveau de puissance acoustique L <sub>WA</sub> à l'extérieur<br>lydeeffektniveauet L <sub>WA</sub> i ude<br>ниводо на звуковата мощност L <sub>WA</sub> на открито  | Il livello di potenza sonora L <sub>WA</sub> all'esterno<br>O nível de potência sonora L <sub>WA</sub> no exterior<br>poziom mocy akustycznej L <sub>WA</sub> na zewnątrz  | el nivel de potencia acústica L <sub>WA</sub> en exteriores<br>η στάθμη ηχητικής ισχύος L <sub>WA</sub> εξωτερικού χώρου<br>-  |

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

|                                       |               |                                 |
|---------------------------------------|---------------|---------------------------------|
| Model(s):                             | Outdoor unit: | SUZ-SWM80VAH2                   |
|                                       | Indoor unit:  | EHST17D-****D                   |
| Air-to-water heat pump:               |               | yes                             |
| Water-to-water heat pump:             |               | no                              |
| Brine-to-water heat pump:             |               | no                              |
| Low-temperature heat pump:            |               | no                              |
| Equipped with a supplementary heater: |               | yes                             |
| Heat pump combination heater:         |               | yes                             |
| Parameters for                        |               | medium-temperature application. |
| Parameters for                        |               | average climate conditions.     |

| Item   | Symbol           | Value | Unit | Item   | Symbol     | Value | Unit |  |  |
|--|------------------|-------|------|--|------------|-------|------|--|--|
| Rated heat output (*)  | Prated           | 7.0   | kW   | Seasonal space heating energy efficiency   | ηs         | 128   | %    |  |  |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj |                  |       |      | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj |            |       |      |  |  |
| Tj = - 7 °C  | Pdh              | 6.2   | kW   | Tj = - 7 °C  | COPd       | 1.81  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 1.00  | -    |  |            |       |      |  |  |
| Tj = + 2 °C  | Pdh              | 3.8   | kW   | Tj = + 2 °C  | COPd       | 3.25  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |  |  |
| Tj = + 7 °C  | Pdh              | 3.1   | kW   | Tj = + 7 °C  | COPd       | 4.69  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.98  | -    |  |            |       |      |  |  |
| Tj = +12 °C  | Pdh              | 3.9   | kW   | Tj = +12 °C  | COPd       | 6.67  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |            |       |      |  |  |
| Tj = bivalent temperature  | Pdh              | 6.2   | kW   | Tj = bivalent temperature  | COPd       | 1.81  | -    |  |  |
| Tj = operation limit temperature (***)   | Pdh              | 5.8   | kW   | Tj = operation limit temperature (***)   | COPd       | 1.58  | -    |  |  |
|  |                  |       |      |  |            |       |      |  |  |
| Bivalent temperature   | Tbiv             | -7    | °C   | Operation limit temperature  | TOL        | -25   | °C   |  |  |
| Reference design conditions for space heating  | Tdesignh         | -10   | °C   | Heating water operating limit temperature  | WTOL       | 60    | °C   |  |  |
| Power consumption in modes other than active mode  |                  |       |      | Supplementary heater   |            |       |      |  |  |
| Off mode   | P <sub>OFF</sub> | 0.015 | kW   | Rated heat output (*)  | Psup       | 1.2   | kW   |  |  |
| Thermostat-off mode  | P <sub>TO</sub>  | 0.015 | kW   |  |            |       |      |  |  |
| Standby mode   | P <sub>SB</sub>  | 0.015 | kW   | Type of energy input   | Electrical |       |      |  |  |
| Crankcase heater mode  | P <sub>CK</sub>  | 0.000 | kW   |  |            |       |      |  |  |

|                                     |                 |         |     |                               |   |      |      |
|-------------------------------------|-----------------|---------|-----|-------------------------------|---|------|------|
| Other items                         |                 |         |     |                               |   |      |      |
| Capacity control                    | variable        |         |     | Rated air flow rate, outdoors | - | 2790 | m³/h |
| Sound power level, indoors/outdoors | L <sub>WA</sub> | 41 / 60 | dBA |                               |   |      |      |
| Annual energy consumption           | Q <sub>HE</sub> | 4401    | kWh |                               |   |      |      |

|                                   |       |       |     |                                 |     |     |   |
|-----------------------------------|-------|-------|-----|---------------------------------|-----|-----|---|
| For heat pump combination heater: |       |       |     |                                 |     |     |   |
| Declared load profile             | L     |       |     | Water heating energy efficiency | ηwh | 145 | % |
| Daily electricity consumption     | Qelec | 3.780 | kWh |                                 |     |     |   |
| Annual electricity consumption    | AEC   | 832   | kWh |                                 |     |     |   |

|   |  |  |  |   |  |  |  |
|---|--|--|--|---|--|--|--|
| Contact details   |  |  |  |   |  |  |  |
| MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD.                          |  |  |  | 700/406 moo 7, Tambon don hua roh, Amphur muang, chonburi 20000, Thailand |  |  |  |
| The identification and signature of the person empowered to bind the supplier:      |  |  |  |   |  |  |  |
|  |  |  |  | Tadashi SAITO   |  |  |  |
|   |  |  |  | Manager, Quality Assurance Department                                     |  |  |  |
|   |  |  |  | THAILAND  |  |  |  |

· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.

· Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(\*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

|                                       |                              |               |
|---------------------------------------|------------------------------|---------------|
| Model(s):                             | Outdoor unit:                | SUZ-SWM80VAH2 |
|                                       | Indoor unit:                 | EHST17D-****D |
| Air-to-water heat pump:               | yes                          |               |
| Water-to-water heat pump:             | no                           |               |
| Brine-to-water heat pump:             | no                           |               |
| Low-temperature heat pump:            | no                           |               |
| Equipped with a supplementary heater: | yes                          |               |
| Heat pump combination heater:         | yes                          |               |
| Parameters for                        | low-temperature application. |               |
| Parameters for                        | average climate conditions.  |               |

| Item   | Symbol           | Value | Unit | Item   | Symbol     | Value | Unit |  |  |
|--|------------------|-------|------|--|------------|-------|------|--|--|
| Rated heat output (*)  | Prated           | 6.6   | kW   | Seasonal space heating energy efficiency   | ηs         | 175   | %    |  |  |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj |                  |       |      | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj |            |       |      |  |  |
| Tj = - 7 °C  | Pdh              | 5.9   | kW   | Tj = - 7 °C  | COPd       | 2.86  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |  |  |
| Tj = + 2 °C  | Pdh              | 4.4   | kW   | Tj = + 2 °C  | COPd       | 4.35  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |  |  |
| Tj = + 7 °C  | Pdh              | 3.4   | kW   | Tj = + 7 °C  | COPd       | 6.22  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |            |       |      |  |  |
| Tj = +12 °C  | Pdh              | 3.7   | kW   | Tj = +12 °C  | COPd       | 7.38  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |            |       |      |  |  |
| Tj = bivalent temperature  | Pdh              | 6.6   | kW   | Tj = bivalent temperature  | COPd       | 2.23  | -    |  |  |
| Tj = operation limit temperature (***)   | Pdh              | 6.6   | kW   | Tj = operation limit temperature (***)   | COPd       | 2.23  | -    |  |  |
|  |                  |       |      |  |            |       |      |  |  |
| Bivalent temperature   | Tbiv             | -10   | °C   | Operation limit temperature  | TOL        | -25   | °C   |  |  |
| Reference design conditions for space heating  | Tdesignh         | -10   | °C   | Heating water operating limit temperature  | WTOL       | 60    | °C   |  |  |
| Power consumption in modes other than active mode  |                  |       |      | Supplementary heater   |            |       |      |  |  |
| Off mode   | P <sub>OFF</sub> | 0.015 | kW   | Rated heat output (*)  | Psup       | 0.0   | kW   |  |  |
| Thermostat-off mode  | P <sub>TO</sub>  | 0.015 | kW   |  |            |       |      |  |  |
| Standby mode   | P <sub>SB</sub>  | 0.015 | kW   | Type of energy input   | Electrical |       |      |  |  |
| Crankcase heater mode  | P <sub>CK</sub>  | 0.000 | kW   |  |            |       |      |  |  |

|                                     |                 |         |     |                               |   |      |      |
|-------------------------------------|-----------------|---------|-----|-------------------------------|---|------|------|
| Other items                         |                 |         |     |                               |   |      |      |
| Capacity control                    | variable        |         |     | Rated air flow rate, outdoors | - | 2790 | m³/h |
| Sound power level, indoors/outdoors | L <sub>WA</sub> | 41 / 60 | dBA |                               |   |      |      |
| Annual energy consumption           | Q <sub>HE</sub> | 3070    | kWh |                               |   |      |      |

|                                   |       |       |     |                                 |     |     |   |
|-----------------------------------|-------|-------|-----|---------------------------------|-----|-----|---|
| For heat pump combination heater: |       |       |     |                                 |     |     |   |
| Declared load profile             | L     |       |     | Water heating energy efficiency | ηwh | 145 | % |
| Daily electricity consumption     | Qelec | 3.780 | kWh |                                 |     |     |   |
| Annual electricity consumption    | AEC   | 832   | kWh |                                 |     |     |   |

|  |  |  |  |   |  |  |  |
|--|--|--|--|---|--|--|--|
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| The identification and signature of the person empowered to bind the supplier; |  |  |  | Tadashi SAITO   |  |  |  |
| The signature is signed in the average climate / medium-temperature section.   |  |  |  | Manager, Quality Assuarance Department                                    |  |  |  |
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· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.

· Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(\*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

|                                       |                                 |               |
|---------------------------------------|---------------------------------|---------------|
| Model(s):                             | Outdoor unit:                   | SUZ-SWM80VAH2 |
|                                       | Indoor unit:                    | EHST17D-****D |
| Air-to-water heat pump:               | yes                             |               |
| Water-to-water heat pump:             | no                              |               |
| Brine-to-water heat pump:             | no                              |               |
| Low-temperature heat pump:            | no                              |               |
| Equipped with a supplementary heater: | yes                             |               |
| Heat pump combination heater:         | yes                             |               |
| Parameters for                        | medium-temperature application. |               |
| Parameters for                        | colder climate conditions.      |               |

| Item   | Symbol           | Value | Unit | Item   | Symbol     | Value | Unit |
|--|------------------|-------|------|--|------------|-------|------|
| Rated heat output (*)  | Prated           | 5.5   | kW   | Seasonal space heating energy efficiency   | ηs         | 99    | %    |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj |                  |       |      | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj |            |       |      |
| Tj = - 7 °C  | Pdh              | 3.4   | kW   | Tj = - 7 °C  | COPd       | 2.13  | -    |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |
| Tj = + 2 °C  | Pdh              | 3.4   | kW   | Tj = + 2 °C  | COPd       | 3.32  | -    |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |
| Tj = + 7 °C  | Pdh              | 3.3   | kW   | Tj = + 7 °C  | COPd       | 5.18  | -    |
| Degradation co-efficient (**)  | Cdh              | 0.98  | -    |  |            |       |      |
| Tj = +12 °C  | Pdh              | 3.6   | kW   | Tj = +12 °C  | COPd       | 6.35  | -    |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |            |       |      |
| Tj = bivalent temperature  | Pdh              | 4.5   | kW   | Tj = bivalent temperature  | COPd       | 1.13  | -    |
| Tj = operation limit temperature (***)   | Pdh              | 3.8   | kW   | Tj = operation limit temperature (***)   | COPd       | 1.06  | -    |
| Tj = – 15 °C (if TOL < – 20 °C)  | Pdh              | 4.5   | kW   | Tj = – 15 °C (if TOL < – 20 °C)  | COPd       | 1.13  | -    |
| Bivalent temperature   | Tbiv             | -15   | °C   | Operation limit temperature  | TOL        | -25   | °C   |
| Reference design conditions for space heating  | Tdesignh         | -22   | °C   | Heating water operating limit temperature  | WTOL       | 60    | °C   |
| Power consumption in modes other than active mode  |                  |       |      | Supplementary heater   |            |       |      |
| Off mode   | P <sub>OFF</sub> | 0.015 | kW   | Rated heat output (*)  | Psup       | 5.5   | kW   |
| Thermostat-off mode  | P <sub>TO</sub>  | 0.015 | kW   |  |            |       |      |
| Standby mode   | P <sub>SB</sub>  | 0.015 | kW   | Type of energy input   | Electrical |       |      |
| Crankcase heater mode  | P <sub>CK</sub>  | 0.000 | kW   |  |            |       |      |

|                                     |                 |         |     |                               |   |      |      |
|-------------------------------------|-----------------|---------|-----|-------------------------------|---|------|------|
| Other items                         |                 |         |     |                               |   |      |      |
| Capacity control                    | variable        |         |     | Rated air flow rate, outdoors | - | 2790 | m³/h |
| Sound power level, indoors/outdoors | L <sub>WA</sub> | 41 / 60 | dBa |                               |   |      |      |
| Annual energy consumption           | Q <sub>HE</sub> | 5311    | kWh |                               |   |      |      |

|                                   |       |       |     |                                 |     |     |   |
|-----------------------------------|-------|-------|-----|---------------------------------|-----|-----|---|
| For heat pump combination heater: |       |       |     |                                 |     |     |   |
| Declared load profile             | L     |       |     | Water heating energy efficiency | ηwh | 121 | % |
| Daily electricity consumption     | Qelec | 4.020 | kWh |                                 |     |     |   |
| Annual electricity consumption    | AEC   | 884   | kWh |                                 |     |     |   |

|  |  |  |  |   |  |  |  |
|--|--|--|--|---|--|--|--|
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| The identification and signature of the person empowered to bind the supplier; |  |  |  | Tadashi SAITO   |  |  |  |
| The signature is signed in the average climate / medium-temperature section.   |  |  |  | Manager, Quality Assuarance Department                                    |  |  |  |
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· Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(\*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

|                                       |                              |               |
|---------------------------------------|------------------------------|---------------|
| Model(s):                             | Outdoor unit:                | SUZ-SWM80VAH2 |
|                                       | Indoor unit:                 | EHST17D-****D |
| Air-to-water heat pump:               | yes                          |               |
| Water-to-water heat pump:             | no                           |               |
| Brine-to-water heat pump:             | no                           |               |
| Low-temperature heat pump:            | no                           |               |
| Equipped with a supplementary heater: | yes                          |               |
| Heat pump combination heater:         | yes                          |               |
| Parameters for                        | low-temperature application. |               |
| Parameters for                        | colder climate conditions.   |               |

| Item   | Symbol           | Value | Unit | Item   | Symbol     | Value | Unit |  |
|--|------------------|-------|------|--|------------|-------|------|--|
| Rated heat output (*)  | Prated           | 5.8   | kW   | Seasonal space heating energy efficiency   | ηs         | 136   | %    |  |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj |                  |       |      | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj |            |       |      |  |
| Tj = - 7 °C  | Pdh              | 3.5   | kW   | Tj = - 7 °C  | COPd       | 2.91  | -    |  |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |  |
| Tj = + 2 °C  | Pdh              | 3.6   | kW   | Tj = + 2 °C  | COPd       | 4.34  | -    |  |
| Degradation co-efficient (**)  | Cdh              | 0.98  | -    |  |            |       |      |  |
| Tj = + 7 °C  | Pdh              | 3.4   | kW   | Tj = + 7 °C  | COPd       | 6.48  | -    |  |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |            |       |      |  |
| Tj = +12 °C  | Pdh              | 3.6   | kW   | Tj = +12 °C  | COPd       | 7.28  | -    |  |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |            |       |      |  |
| Tj = bivalent temperature  | Pdh              | 4.7   | kW   | Tj = bivalent temperature  | COPd       | 1.80  | -    |  |
| Tj = operation limit temperature (***)   | Pdh              | 5.7   | kW   | Tj = operation limit temperature (***)   | COPd       | 1.60  | -    |  |
| Tj = – 15 °C (if TOL < – 20 °C)  | Pdh              | 4.7   | kW   | Tj = – 15 °C (if TOL < – 20 °C)  | COPd       | 1.80  | -    |  |
| Bivalent temperature   | Tbiv             | -15   | °C   | Operation limit temperature  | TOL        | -25   | °C   |  |
| Reference design conditions for space heating  | Tdesignh         | -22   | °C   | Heating water operating limit temperature  | WTOL       | 60    | °C   |  |
| Power consumption in modes other than active mode  |                  |       |      | Supplementary heater   |            |       |      |  |
| Off mode   | P <sub>OFF</sub> | 0.015 | kW   | Rated heat output (*)  | Psup       | 0.1   | kW   |  |
| Thermostat-off mode  | P <sub>TO</sub>  | 0.015 | kW   |  |            |       |      |  |
| Standby mode   | P <sub>SB</sub>  | 0.015 | kW   | Type of energy input   | Electrical |       |      |  |
| Crankcase heater mode  | P <sub>CK</sub>  | 0.000 | kW   |  |            |       |      |  |

|                                     |                 |         |     |                               |   |      |      |
|-------------------------------------|-----------------|---------|-----|-------------------------------|---|------|------|
| Other items                         |                 |         |     |                               |   |      |      |
| Capacity control                    | variable        |         |     | Rated air flow rate, outdoors | - | 2790 | m³/h |
| Sound power level, indoors/outdoors | L <sub>WA</sub> | 41 / 60 | dBa |                               |   |      |      |
| Annual energy consumption           | Q <sub>HE</sub> | 4101    | kWh |                               |   |      |      |

|                                   |       |       |     |                                 |     |     |   |
|-----------------------------------|-------|-------|-----|---------------------------------|-----|-----|---|
| For heat pump combination heater: |       |       |     |                                 |     |     |   |
| Declared load profile             | L     |       |     | Water heating energy efficiency | ηwh | 121 | % |
| Daily electricity consumption     | Qelec | 4.020 | kWh |                                 |     |     |   |
| Annual electricity consumption    | AEC   | 884   | kWh |                                 |     |     |   |

|  |  |  |  |   |  |  |  |
|--|--|--|--|---|--|--|--|
| Contact details  |  |  |  |   |  |  |  |
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| The identification and signature of the person empowered to bind the supplier; |  |  |  | Tadashi SAITO   |  |  |  |
| The signature is signed in the average climate / medium-temperature section.   |  |  |  | Manager, Quality Assuarance Department                                    |  |  |  |
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· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.

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(\*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.



PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

|                                       |                                 |               |
|---------------------------------------|---------------------------------|---------------|
| Model(s):                             | Outdoor unit:                   | SUZ-SWM80VAH2 |
|                                       | Indoor unit:                    | EHST17D-****D |
| Air-to-water heat pump:               | yes                             |               |
| Water-to-water heat pump:             | no                              |               |
| Brine-to-water heat pump:             | no                              |               |
| Low-temperature heat pump:            | no                              |               |
| Equipped with a supplementary heater: | yes                             |               |
| Heat pump combination heater:         | yes                             |               |
| Parameters for                        | medium-temperature application. |               |
| Parameters for                        | warmer climate conditions.      |               |

| Item   | Symbol           | Value | Unit | Item   | Symbol | Value      | Unit |
|--|------------------|-------|------|--|--------|------------|------|
| Rated heat output (*)  | Prated           | 7.5   | kW   | Seasonal space heating energy efficiency   | ηs     | 170        | %    |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj |                  |       |      | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj |        |            |      |
| Tj = - 7 °C  | Pdh              | -     | kW   | Tj = - 7 °C  | COPd   | -          | -    |
| Degradation co-efficient (**)  | Cdh              | -     | -    |  |        |            |      |
| Tj = + 2 °C  | Pdh              | 7.5   | kW   | Tj = + 2 °C  | COPd   | 2.09       | -    |
| Degradation co-efficient (**)  | Cdh              | 1.00  | -    |  |        |            |      |
| Tj = + 7 °C  | Pdh              | 4.8   | kW   | Tj = + 7 °C  | COPd   | 4.05       | -    |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |        |            |      |
| Tj = +12 °C  | Pdh              | 3.6   | kW   | Tj = +12 °C  | COPd   | 5.60       | -    |
| Degradation co-efficient (**)  | Cdh              | 0.98  | -    |  |        |            |      |
| Tj = bivalent temperature  | Pdh              | 7.5   | kW   | Tj = bivalent temperature  | COPd   | 2.09       | -    |
| Tj = operation limit temperature (***)   | Pdh              | 7.5   | kW   | Tj = operation limit temperature (***)   | COPd   | 2.09       | -    |
|  |                  |       |      |  |        |            |      |
| Bivalent temperature   | Tbiv             | 2     | °C   | Operation limit temperature  | TOL    | -25        | °C   |
| Reference design conditions for space heating  | Tdesignh         | 2     | °C   | Heating water operating limit temperature  | WTOL   | 60         | °C   |
| Power consumption in modes other than active mode  |                  |       |      | Supplementary heater   |        |            |      |
| Off mode   | P <sub>OFF</sub> | 0.015 | kW   | Rated heat output (*)  | Psup   | 0.0        | kW   |
| Thermostat-off mode  | P <sub>TO</sub>  | 0.015 | kW   |  |        |            |      |
| Standby mode   | P <sub>SB</sub>  | 0.015 | kW   | Type of energy input   |        | Electrical |      |
| Crankcase heater mode  | P <sub>CK</sub>  | 0.000 | kW   |  |        |            |      |

|                                     |                 |         |     |                               |   |      |      |
|-------------------------------------|-----------------|---------|-----|-------------------------------|---|------|------|
| Other items                         |                 |         |     |                               |   |      |      |
| Capacity control                    | variable        |         |     | Rated air flow rate, outdoors | - | 2790 | m³/h |
| Sound power level, indoors/outdoors | L <sub>WA</sub> | 41 / 60 | dBA |                               |   |      |      |
| Annual energy consumption           | Q <sub>HE</sub> | 2311    | kWh |                               |   |      |      |

|                                   |       |       |     |                                 |     |     |   |
|-----------------------------------|-------|-------|-----|---------------------------------|-----|-----|---|
| For heat pump combination heater: |       |       |     |                                 |     |     |   |
| Declared load profile             | L     |       |     | Water heating energy efficiency | ηwh | 166 | % |
| Daily electricity consumption     | Qelec | 3.360 | kWh |                                 |     |     |   |
| Annual electricity consumption    | AEC   | 740   | kWh |                                 |     |     |   |

|  |  |  |  |   |  |  |  |
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|  |  |  |  | Tadashi SAITO   |  |  |  |
| The signature is signed in the average climate / medium-temperature section.   |  |  |  | Manager, Quality Assuarance Department                                    |  |  |  |
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(\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.



PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

|                                       |                              |               |
|---------------------------------------|------------------------------|---------------|
| Model(s):                             | Outdoor unit:                | SUZ-SWM80VAH2 |
|                                       | Indoor unit:                 | EHST17D-****D |
| Air-to-water heat pump:               | yes                          |               |
| Water-to-water heat pump:             | no                           |               |
| Brine-to-water heat pump:             | no                           |               |
| Low-temperature heat pump:            | no                           |               |
| Equipped with a supplementary heater: | yes                          |               |
| Heat pump combination heater:         | yes                          |               |
| Parameters for                        | low-temperature application. |               |
| Parameters for                        | warmer climate conditions.   |               |

| Item   | Symbol           | Value | Unit | Item   | Symbol     | Value | Unit |  |  |
|--|------------------|-------|------|--|------------|-------|------|--|--|
| Rated heat output (*)  | Prated           | 7.5   | kW   | Seasonal space heating energy efficiency   | ηs         | 233   | %    |  |  |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj |                  |       |      | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj |            |       |      |  |  |
| Tj = - 7 °C  | Pdh              | -     | kW   | Tj = - 7 °C  | COPd       | -     | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | -     | -    |  |            |       |      |  |  |
| Tj = + 2 °C  | Pdh              | 7.5   | kW   | Tj = + 2 °C  | COPd       | 3.26  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |  |  |
| Tj = + 7 °C  | Pdh              | 4.9   | kW   | Tj = + 7 °C  | COPd       | 6.02  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.98  | -    |  |            |       |      |  |  |
| Tj = +12 °C  | Pdh              | 3.7   | kW   | Tj = +12 °C  | COPd       | 7.07  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |            |       |      |  |  |
| Tj = bivalent temperature  | Pdh              | 7.5   | kW   | Tj = bivalent temperature  | COPd       | 3.26  | -    |  |  |
| Tj = operation limit temperature (***)   | Pdh              | 7.5   | kW   | Tj = operation limit temperature (***)   | COPd       | 3.26  | -    |  |  |
|  |                  |       |      |  |            |       |      |  |  |
| Bivalent temperature   | Tbiv             | 2     | °C   | Operation limit temperature  | TOL        | -25   | °C   |  |  |
| Reference design conditions for space heating  | Tdesignh         | 2     | °C   | Heating water operating limit temperature  | WTOL       | 60    | °C   |  |  |
| Power consumption in modes other than active mode  |                  |       |      | Supplementary heater   |            |       |      |  |  |
| Off mode   | P <sub>OFF</sub> | 0.015 | kW   | Rated heat output (*)  | Psup       | 0.0   | kW   |  |  |
| Thermostat-off mode  | P <sub>TO</sub>  | 0.015 | kW   |  |            |       |      |  |  |
| Standby mode   | P <sub>SB</sub>  | 0.015 | kW   | Type of energy input   | Electrical |       |      |  |  |
| Crankcase heater mode  | P <sub>CK</sub>  | 0.000 | kW   |  |            |       |      |  |  |

|                                     |                 |         |     |                               |   |      |      |
|-------------------------------------|-----------------|---------|-----|-------------------------------|---|------|------|
| Other items                         |                 |         |     |                               |   |      |      |
| Capacity control                    | variable        |         |     | Rated air flow rate, outdoors | - | 2790 | m³/h |
| Sound power level, indoors/outdoors | L <sub>WA</sub> | 41 / 60 | dBa |                               |   |      |      |
| Annual energy consumption           | Q <sub>HE</sub> | 1699    | kWh |                               |   |      |      |

|                                   |       |       |     |                                 |     |     |   |
|-----------------------------------|-------|-------|-----|---------------------------------|-----|-----|---|
| For heat pump combination heater: |       |       |     |                                 |     |     |   |
| Declared load profile             | L     |       |     | Water heating energy efficiency | ηwh | 166 | % |
| Daily electricity consumption     | Qelec | 3.360 | kWh |                                 |     |     |   |
| Annual electricity consumption    | AEC   | 740   | kWh |                                 |     |     |   |

|  |  |  |  |   |  |  |  |
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| The signature is signed in the average climate / medium-temperature section.   |  |  |  | Manager, Quality Assuarance Department                                    |  |  |  |
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(\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

|                                       |                                 |               |
|---------------------------------------|---------------------------------|---------------|
| Model(s):                             | Outdoor unit:                   | SUZ-SWM80VAH2 |
|                                       | Indoor unit:                    | EHST20D-****D |
| Air-to-water heat pump:               | yes                             |               |
| Water-to-water heat pump:             | no                              |               |
| Brine-to-water heat pump:             | no                              |               |
| Low-temperature heat pump:            | no                              |               |
| Equipped with a supplementary heater: | yes                             |               |
| Heat pump combination heater:         | yes                             |               |
| Parameters for                        | medium-temperature application. |               |
| Parameters for                        | average climate conditions.     |               |

| Item   | Symbol           | Value | Unit | Item   | Symbol     | Value | Unit |  |  |
|--|------------------|-------|------|--|------------|-------|------|--|--|
| Rated heat output (*)  | Prated           | 7.0   | kW   | Seasonal space heating energy efficiency   | ηs         | 128   | %    |  |  |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj |                  |       |      | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj |            |       |      |  |  |
| Tj = - 7 °C  | Pdh              | 6.2   | kW   | Tj = - 7 °C  | COPd       | 1.81  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 1.00  | -    |  |            |       |      |  |  |
| Tj = + 2 °C  | Pdh              | 3.8   | kW   | Tj = + 2 °C  | COPd       | 3.25  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |  |  |
| Tj = + 7 °C  | Pdh              | 3.1   | kW   | Tj = + 7 °C  | COPd       | 4.69  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.98  | -    |  |            |       |      |  |  |
| Tj = +12 °C  | Pdh              | 3.9   | kW   | Tj = +12 °C  | COPd       | 6.67  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |            |       |      |  |  |
| Tj = bivalent temperature  | Pdh              | 6.2   | kW   | Tj = bivalent temperature  | COPd       | 1.81  | -    |  |  |
| Tj = operation limit temperature (***)   | Pdh              | 5.8   | kW   | Tj = operation limit temperature (***)   | COPd       | 1.58  | -    |  |  |
|  |                  |       |      |  |            |       |      |  |  |
| Bivalent temperature   | Tbiv             | -7    | °C   | Operation limit temperature  | TOL        | -25   | °C   |  |  |
| Reference design conditions for space heating  | Tdesignh         | -10   | °C   | Heating water operating limit temperature  | WTOL       | 60    | °C   |  |  |
| Power consumption in modes other than active mode  |                  |       |      | Supplementary heater   |            |       |      |  |  |
| Off mode   | P <sub>OFF</sub> | 0.015 | kW   | Rated heat output (*)  | Psup       | 1.2   | kW   |  |  |
| Thermostat-off mode  | P <sub>TO</sub>  | 0.015 | kW   |  |            |       |      |  |  |
| Standby mode   | P <sub>SB</sub>  | 0.015 | kW   | Type of energy input   | Electrical |       |      |  |  |
| Crankcase heater mode  | P <sub>CK</sub>  | 0.000 | kW   |  |            |       |      |  |  |

|                                     |                 |         |     |                               |   |      |      |
|-------------------------------------|-----------------|---------|-----|-------------------------------|---|------|------|
| Other items                         |                 |         |     |                               |   |      |      |
| Capacity control                    | variable        |         |     | Rated air flow rate, outdoors | - | 2790 | m³/h |
| Sound power level, indoors/outdoors | L <sub>WA</sub> | 41 / 60 | dBA |                               |   |      |      |
| Annual energy consumption           | Q <sub>HE</sub> | 4401    | kWh |                               |   |      |      |

|                                   |       |       |     |                                 |     |     |   |
|-----------------------------------|-------|-------|-----|---------------------------------|-----|-----|---|
| For heat pump combination heater: |       |       |     |                                 |     |     |   |
| Declared load profile             | L     |       |     | Water heating energy efficiency | ηwh | 144 | % |
| Daily electricity consumption     | Qelec | 3.780 | kWh |                                 |     |     |   |
| Annual electricity consumption    | AEC   | 832   | kWh |                                 |     |     |   |

|   |  |  |  |   |  |  |  |
|---|--|--|--|---|--|--|--|
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|  |  |  |  | Tadashi SAITO   |  |  |  |
|   |  |  |  | Manager, Quality Assurance Department                                     |  |  |  |
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(\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

|                                       |                              |               |
|---------------------------------------|------------------------------|---------------|
| Model(s):                             | Outdoor unit:                | SUZ-SWM80VAH2 |
|                                       | Indoor unit:                 | EHST20D-****D |
| Air-to-water heat pump:               | yes                          |               |
| Water-to-water heat pump:             | no                           |               |
| Brine-to-water heat pump:             | no                           |               |
| Low-temperature heat pump:            | no                           |               |
| Equipped with a supplementary heater: | yes                          |               |
| Heat pump combination heater:         | yes                          |               |
| Parameters for                        | low-temperature application. |               |
| Parameters for                        | average climate conditions.  |               |

| Item   | Symbol           | Value | Unit | Item   | Symbol     | Value | Unit |  |  |
|--|------------------|-------|------|--|------------|-------|------|--|--|
| Rated heat output (*)  | Prated           | 6.6   | kW   | Seasonal space heating energy efficiency   | ηs         | 175   | %    |  |  |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj |                  |       |      | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj |            |       |      |  |  |
| Tj = - 7 °C  | Pdh              | 5.9   | kW   | Tj = - 7 °C  | COPd       | 2.86  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |  |  |
| Tj = + 2 °C  | Pdh              | 4.4   | kW   | Tj = + 2 °C  | COPd       | 4.35  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |  |  |
| Tj = + 7 °C  | Pdh              | 3.4   | kW   | Tj = + 7 °C  | COPd       | 6.22  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |            |       |      |  |  |
| Tj = +12 °C  | Pdh              | 3.7   | kW   | Tj = +12 °C  | COPd       | 7.38  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |            |       |      |  |  |
| Tj = bivalent temperature  | Pdh              | 6.6   | kW   | Tj = bivalent temperature  | COPd       | 2.23  | -    |  |  |
| Tj = operation limit temperature (***)   | Pdh              | 6.6   | kW   | Tj = operation limit temperature (***)   | COPd       | 2.23  | -    |  |  |
|  |                  |       |      |  |            |       |      |  |  |
| Bivalent temperature   | Tbiv             | -10   | °C   | Operation limit temperature  | TOL        | -25   | °C   |  |  |
| Reference design conditions for space heating  | Tdesignh         | -10   | °C   | Heating water operating limit temperature  | WTOL       | 60    | °C   |  |  |
| Power consumption in modes other than active mode  |                  |       |      | Supplementary heater   |            |       |      |  |  |
| Off mode   | P <sub>OFF</sub> | 0.015 | kW   | Rated heat output (*)  | Psup       | 0.0   | kW   |  |  |
| Thermostat-off mode  | P <sub>TO</sub>  | 0.015 | kW   |  |            |       |      |  |  |
| Standby mode   | P <sub>SB</sub>  | 0.015 | kW   | Type of energy input   | Electrical |       |      |  |  |
| Crankcase heater mode  | P <sub>CK</sub>  | 0.000 | kW   |  |            |       |      |  |  |

|                                     |                 |         |     |                               |   |      |      |
|-------------------------------------|-----------------|---------|-----|-------------------------------|---|------|------|
| Other items                         |                 |         |     |                               |   |      |      |
| Capacity control                    | variable        |         |     | Rated air flow rate, outdoors | - | 2790 | m³/h |
| Sound power level, indoors/outdoors | L <sub>WA</sub> | 41 / 60 | dBA |                               |   |      |      |
| Annual energy consumption           | Q <sub>HE</sub> | 3070    | kWh |                               |   |      |      |

|                                   |       |       |     |                                 |     |     |   |
|-----------------------------------|-------|-------|-----|---------------------------------|-----|-----|---|
| For heat pump combination heater: |       |       |     |                                 |     |     |   |
| Declared load profile             | L     |       |     | Water heating energy efficiency | ηwh | 144 | % |
| Daily electricity consumption     | Qelec | 3.780 | kWh |                                 |     |     |   |
| Annual electricity consumption    | AEC   | 832   | kWh |                                 |     |     |   |

|  |  |  |  |   |  |  |  |
|--|--|--|--|---|--|--|--|
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(\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

|                                       |                                 |               |
|---------------------------------------|---------------------------------|---------------|
| Model(s):                             | Outdoor unit:                   | SUZ-SWM80VAH2 |
|                                       | Indoor unit:                    | EHST20D-****D |
| Air-to-water heat pump:               | yes                             |               |
| Water-to-water heat pump:             | no                              |               |
| Brine-to-water heat pump:             | no                              |               |
| Low-temperature heat pump:            | no                              |               |
| Equipped with a supplementary heater: | yes                             |               |
| Heat pump combination heater:         | yes                             |               |
| Parameters for                        | medium-temperature application. |               |
| Parameters for                        | colder climate conditions.      |               |

| Item   | Symbol           | Value | Unit | Item   | Symbol     | Value | Unit |  |
|--|------------------|-------|------|--|------------|-------|------|--|
| Rated heat output (*)  | Prated           | 5.5   | kW   | Seasonal space heating energy efficiency   | ηs         | 99    | %    |  |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj |                  |       |      | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj |            |       |      |  |
| Tj = - 7 °C  | Pdh              | 3.4   | kW   | Tj = - 7 °C  | COPd       | 2.13  | -    |  |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |  |
| Tj = + 2 °C  | Pdh              | 3.4   | kW   | Tj = + 2 °C  | COPd       | 3.32  | -    |  |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |  |
| Tj = + 7 °C  | Pdh              | 3.3   | kW   | Tj = + 7 °C  | COPd       | 5.18  | -    |  |
| Degradation co-efficient (**)  | Cdh              | 0.98  | -    |  |            |       |      |  |
| Tj = +12 °C  | Pdh              | 3.6   | kW   | Tj = +12 °C  | COPd       | 6.35  | -    |  |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |            |       |      |  |
| Tj = bivalent temperature  | Pdh              | 4.5   | kW   | Tj = bivalent temperature  | COPd       | 1.13  | -    |  |
| Tj = operation limit temperature (***)   | Pdh              | 3.8   | kW   | Tj = operation limit temperature (***)   | COPd       | 1.06  | -    |  |
| Tj = – 15 °C (if TOL < – 20 °C)  | Pdh              | 4.5   | kW   | Tj = – 15 °C (if TOL < – 20 °C)  | COPd       | 1.13  | -    |  |
| Bivalent temperature   | Tbiv             | -15   | °C   | Operation limit temperature  | TOL        | -25   | °C   |  |
| Reference design conditions for space heating  | Tdesignh         | -22   | °C   | Heating water operating limit temperature  | WTOL       | 60    | °C   |  |
| Power consumption in modes other than active mode  |                  |       |      | Supplementary heater   |            |       |      |  |
| Off mode   | P <sub>OFF</sub> | 0.015 | kW   | Rated heat output (*)  | Psup       | 5.5   | kW   |  |
| Thermostat-off mode  | P <sub>TO</sub>  | 0.015 | kW   |  |            |       |      |  |
| Standby mode   | P <sub>SB</sub>  | 0.015 | kW   | Type of energy input   | Electrical |       |      |  |
| Crankcase heater mode  | P <sub>CK</sub>  | 0.000 | kW   |  |            |       |      |  |

|                                     |                 |         |     |                               |   |      |      |
|-------------------------------------|-----------------|---------|-----|-------------------------------|---|------|------|
| Other items                         |                 |         |     |                               |   |      |      |
| Capacity control                    | variable        |         |     | Rated air flow rate, outdoors | - | 2790 | m³/h |
| Sound power level, indoors/outdoors | L <sub>WA</sub> | 41 / 60 | dBa |                               |   |      |      |
| Annual energy consumption           | Q <sub>HE</sub> | 5311    | kWh |                               |   |      |      |

|                                   |       |       |     |                                 |     |     |   |
|-----------------------------------|-------|-------|-----|---------------------------------|-----|-----|---|
| For heat pump combination heater: |       |       |     |                                 |     |     |   |
| Declared load profile             | L     |       |     | Water heating energy efficiency | ηwh | 127 | % |
| Daily electricity consumption     | Qelec | 4.220 | kWh |                                 |     |     |   |
| Annual electricity consumption    | AEC   | 929   | kWh |                                 |     |     |   |

|  |  |  |  |   |  |  |  |
|--|--|--|--|---|--|--|--|
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| The identification and signature of the person empowered to bind the supplier; |  |  |  | Tadashi SAITO   |  |  |  |
| The signature is signed in the average climate / medium-temperature section.   |  |  |  | Manager, Quality Assuarance Department                                    |  |  |  |
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· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.

· Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(\*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

|                                       |                              |               |
|---------------------------------------|------------------------------|---------------|
| Model(s):                             | Outdoor unit:                | SUZ-SWM80VAH2 |
|                                       | Indoor unit:                 | EHST20D-****D |
| Air-to-water heat pump:               | yes                          |               |
| Water-to-water heat pump:             | no                           |               |
| Brine-to-water heat pump:             | no                           |               |
| Low-temperature heat pump:            | no                           |               |
| Equipped with a supplementary heater: | yes                          |               |
| Heat pump combination heater:         | yes                          |               |
| Parameters for                        | low-temperature application. |               |
| Parameters for                        | colder climate conditions.   |               |

| Item   | Symbol           | Value | Unit | Item   | Symbol | Value      | Unit |
|--|------------------|-------|------|--|--------|------------|------|
| Rated heat output (*)  | Prated           | 5.8   | kW   | Seasonal space heating energy efficiency   | ηs     | 136        | %    |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj |                  |       |      | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj |        |            |      |
| Tj = - 7 °C  | Pdh              | 3.5   | kW   | Tj = - 7 °C  | COPd   | 2.91       | -    |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |        |            |      |
| Tj = + 2 °C  | Pdh              | 3.6   | kW   | Tj = + 2 °C  | COPd   | 4.34       | -    |
| Degradation co-efficient (**)  | Cdh              | 0.98  | -    |  |        |            |      |
| Tj = + 7 °C  | Pdh              | 3.4   | kW   | Tj = + 7 °C  | COPd   | 6.48       | -    |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |        |            |      |
| Tj = +12 °C  | Pdh              | 3.6   | kW   | Tj = +12 °C  | COPd   | 7.28       | -    |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |        |            |      |
| Tj = bivalent temperature  | Pdh              | 4.7   | kW   | Tj = bivalent temperature  | COPd   | 1.80       | -    |
| Tj = operation limit temperature (***)   | Pdh              | 5.7   | kW   | Tj = operation limit temperature (***)   | COPd   | 1.60       | -    |
| Tj = – 15 °C (if TOL < – 20 °C)  | Pdh              | 4.7   | kW   | Tj = – 15 °C (if TOL < – 20 °C)  | COPd   | 1.80       | -    |
| Bivalent temperature   | Tbiv             | -15   | °C   | Operation limit temperature  | TOL    | -25        | °C   |
| Reference design conditions for space heating  | Tdesignh         | -22   | °C   | Heating water operating limit temperature  | WTOL   | 60         | °C   |
| Power consumption in modes other than active mode  |                  |       |      | Supplementary heater   |        |            |      |
| Off mode   | P <sub>OFF</sub> | 0.015 | kW   | Rated heat output (*)  | Psup   | 0.1        | kW   |
| Thermostat-off mode  | P <sub>TO</sub>  | 0.015 | kW   |  |        |            |      |
| Standby mode   | P <sub>SB</sub>  | 0.015 | kW   | Type of energy input   |        | Electrical |      |
| Crankcase heater mode  | P <sub>CK</sub>  | 0.000 | kW   |  |        |            |      |

|                                     |                 |         |     |                               |   |      |      |
|-------------------------------------|-----------------|---------|-----|-------------------------------|---|------|------|
| Other items                         |                 |         |     |                               |   |      |      |
| Capacity control                    | variable        |         |     | Rated air flow rate, outdoors | - | 2790 | m³/h |
| Sound power level, indoors/outdoors | L <sub>WA</sub> | 41 / 60 | dBa |                               |   |      |      |
| Annual energy consumption           | Q <sub>HE</sub> | 4101    | kWh |                               |   |      |      |

|                                   |       |       |     |                                 |     |     |   |
|-----------------------------------|-------|-------|-----|---------------------------------|-----|-----|---|
| For heat pump combination heater: |       |       |     |                                 |     |     |   |
| Declared load profile             | L     |       |     | Water heating energy efficiency | ηwh | 127 | % |
| Daily electricity consumption     | Qelec | 4.220 | kWh |                                 |     |     |   |
| Annual electricity consumption    | AEC   | 929   | kWh |                                 |     |     |   |

|  |  |  |  |   |  |  |  |
|--|--|--|--|---|--|--|--|
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| The identification and signature of the person empowered to bind the supplier; |  |  |  |   |  |  |  |
|  |  |  |  | Tadashi SAITO   |  |  |  |
| The signature is signed in the average climate / medium-temperature section.   |  |  |  | Manager, Quality Assuarance Department                                    |  |  |  |
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(\*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.



PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

|                                       |                                 |               |
|---------------------------------------|---------------------------------|---------------|
| Model(s):                             | Outdoor unit:                   | SUZ-SWM80VAH2 |
|                                       | Indoor unit:                    | EHST20D-****D |
| Air-to-water heat pump:               | yes                             |               |
| Water-to-water heat pump:             | no                              |               |
| Brine-to-water heat pump:             | no                              |               |
| Low-temperature heat pump:            | no                              |               |
| Equipped with a supplementary heater: | yes                             |               |
| Heat pump combination heater:         | yes                             |               |
| Parameters for                        | medium-temperature application. |               |
| Parameters for                        | warmer climate conditions.      |               |

| Item   | Symbol           | Value | Unit | Item   | Symbol     | Value | Unit |  |  |
|--|------------------|-------|------|--|------------|-------|------|--|--|
| Rated heat output (*)  | Prated           | 7.5   | kW   | Seasonal space heating energy efficiency   | ηs         | 170   | %    |  |  |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj |                  |       |      | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj |            |       |      |  |  |
| Tj = - 7 °C  | Pdh              | -     | kW   | Tj = - 7 °C  | COPd       | -     | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | -     | -    |  |            |       |      |  |  |
| Tj = + 2 °C  | Pdh              | 7.5   | kW   | Tj = + 2 °C  | COPd       | 2.09  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 1.00  | -    |  |            |       |      |  |  |
| Tj = + 7 °C  | Pdh              | 4.8   | kW   | Tj = + 7 °C  | COPd       | 4.05  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |  |  |
| Tj = +12 °C  | Pdh              | 3.6   | kW   | Tj = +12 °C  | COPd       | 5.60  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.98  | -    |  |            |       |      |  |  |
| Tj = bivalent temperature  | Pdh              | 7.5   | kW   | Tj = bivalent temperature  | COPd       | 2.09  | -    |  |  |
| Tj = operation limit temperature (***)   | Pdh              | 7.5   | kW   | Tj = operation limit temperature (***)   | COPd       | 2.09  | -    |  |  |
|  |                  |       |      |  |            |       |      |  |  |
| Bivalent temperature   | Tbiv             | 2     | °C   | Operation limit temperature  | TOL        | -25   | °C   |  |  |
| Reference design conditions for space heating  | Tdesignh         | 2     | °C   | Heating water operating limit temperature  | WTOL       | 60    | °C   |  |  |
| Power consumption in modes other than active mode  |                  |       |      | Supplementary heater   |            |       |      |  |  |
| Off mode   | P <sub>OFF</sub> | 0.015 | kW   | Rated heat output (*)  | Psup       | 0.0   | kW   |  |  |
| Thermostat-off mode  | P <sub>TO</sub>  | 0.015 | kW   |  |            |       |      |  |  |
| Standby mode   | P <sub>SB</sub>  | 0.015 | kW   | Type of energy input   | Electrical |       |      |  |  |
| Crankcase heater mode  | P <sub>CK</sub>  | 0.000 | kW   |  |            |       |      |  |  |

|                                     |                 |         |     |                               |   |      |      |
|-------------------------------------|-----------------|---------|-----|-------------------------------|---|------|------|
| Other items                         |                 |         |     |                               |   |      |      |
| Capacity control                    | variable        |         |     | Rated air flow rate, outdoors | - | 2790 | m³/h |
| Sound power level, indoors/outdoors | L <sub>WA</sub> | 41 / 60 | dBa |                               |   |      |      |
| Annual energy consumption           | Q <sub>HE</sub> | 2311    | kWh |                               |   |      |      |

|                                   |       |       |     |                                 |     |     |   |
|-----------------------------------|-------|-------|-----|---------------------------------|-----|-----|---|
| For heat pump combination heater: |       |       |     |                                 |     |     |   |
| Declared load profile             | L     |       |     | Water heating energy efficiency | ηwh | 159 | % |
| Daily electricity consumption     | Qelec | 3.070 | kWh |                                 |     |     |   |
| Annual electricity consumption    | AEC   | 676   | kWh |                                 |     |     |   |

|  |  |  |  |   |  |  |  |
|--|--|--|--|---|--|--|--|
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| The identification and signature of the person empowered to bind the supplier; |  |  |  | Tadashi SAITO   |  |  |  |
| The signature is signed in the average climate / medium-temperature section.   |  |  |  | Manager, Quality Assuarance Department                                    |  |  |  |
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(\*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

|                                       |                              |               |
|---------------------------------------|------------------------------|---------------|
| Model(s):                             | Outdoor unit:                | SUZ-SWM80VAH2 |
|                                       | Indoor unit:                 | EHST20D-****D |
| Air-to-water heat pump:               | yes                          |               |
| Water-to-water heat pump:             | no                           |               |
| Brine-to-water heat pump:             | no                           |               |
| Low-temperature heat pump:            | no                           |               |
| Equipped with a supplementary heater: | yes                          |               |
| Heat pump combination heater:         | yes                          |               |
| Parameters for                        | low-temperature application. |               |
| Parameters for                        | warmer climate conditions.   |               |

| Item   | Symbol           | Value | Unit | Item   | Symbol     | Value | Unit |  |  |
|--|------------------|-------|------|--|------------|-------|------|--|--|
| Rated heat output (*)  | Prated           | 7.5   | kW   | Seasonal space heating energy efficiency   | ηs         | 233   | %    |  |  |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj |                  |       |      | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj |            |       |      |  |  |
| Tj = - 7 °C  | Pdh              | -     | kW   | Tj = - 7 °C  | COPd       | -     | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | -     | -    |  |            |       |      |  |  |
| Tj = + 2 °C  | Pdh              | 7.5   | kW   | Tj = + 2 °C  | COPd       | 3.26  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |  |  |
| Tj = + 7 °C  | Pdh              | 4.9   | kW   | Tj = + 7 °C  | COPd       | 6.02  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.98  | -    |  |            |       |      |  |  |
| Tj = +12 °C  | Pdh              | 3.7   | kW   | Tj = +12 °C  | COPd       | 7.07  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |            |       |      |  |  |
| Tj = bivalent temperature  | Pdh              | 7.5   | kW   | Tj = bivalent temperature  | COPd       | 3.26  | -    |  |  |
| Tj = operation limit temperature (***)   | Pdh              | 7.5   | kW   | Tj = operation limit temperature (***)   | COPd       | 3.26  | -    |  |  |
|  |                  |       |      |  |            |       |      |  |  |
| Bivalent temperature   | Tbiv             | 2     | °C   | Operation limit temperature  | TOL        | -25   | °C   |  |  |
| Reference design conditions for space heating  | Tdesignh         | 2     | °C   | Heating water operating limit temperature  | WTOL       | 60    | °C   |  |  |
| Power consumption in modes other than active mode  |                  |       |      | Supplementary heater   |            |       |      |  |  |
| Off mode   | P <sub>OFF</sub> | 0.015 | kW   | Rated heat output (*)  | Psup       | 0.0   | kW   |  |  |
| Thermostat-off mode  | P <sub>TO</sub>  | 0.015 | kW   |  |            |       |      |  |  |
| Standby mode   | P <sub>SB</sub>  | 0.015 | kW   | Type of energy input   | Electrical |       |      |  |  |
| Crankcase heater mode  | P <sub>CK</sub>  | 0.000 | kW   |  |            |       |      |  |  |

|                                     |                 |         |     |                               |   |      |      |
|-------------------------------------|-----------------|---------|-----|-------------------------------|---|------|------|
| Other items                         |                 |         |     |                               |   |      |      |
| Capacity control                    | variable        |         |     | Rated air flow rate, outdoors | - | 2790 | m³/h |
| Sound power level, indoors/outdoors | L <sub>WA</sub> | 41 / 60 | dBA |                               |   |      |      |
| Annual energy consumption           | Q <sub>HE</sub> | 1699    | kWh |                               |   |      |      |

|                                   |       |       |     |                                 |     |     |   |
|-----------------------------------|-------|-------|-----|---------------------------------|-----|-----|---|
| For heat pump combination heater: |       |       |     |                                 |     |     |   |
| Declared load profile             | L     |       |     | Water heating energy efficiency | ηwh | 159 | % |
| Daily electricity consumption     | Qelec | 3.070 | kWh |                                 |     |     |   |
| Annual electricity consumption    | AEC   | 676   | kWh |                                 |     |     |   |

|  |  |  |  |   |  |  |  |
|--|--|--|--|---|--|--|--|
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|  |  |  |  | Tadashi SAITO   |  |  |  |
| The signature is signed in the average climate / medium-temperature section.   |  |  |  | Manager, Quality Assuarance Department                                    |  |  |  |
|  |  |  |  | THAILAND  |  |  |  |

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(\*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.


PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

|                                       |                                 |               |
|---------------------------------------|---------------------------------|---------------|
| Model(s):                             | Outdoor unit:                   | SUZ-SWM80VAH2 |
|                                       | Indoor unit:                    | EHST20D-MED   |
| Air-to-water heat pump:               | yes                             |               |
| Water-to-water heat pump:             | no                              |               |
| Brine-to-water heat pump:             | no                              |               |
| Low-temperature heat pump:            | no                              |               |
| Equipped with a supplementary heater: | no                              |               |
| Heat pump combination heater:         | yes                             |               |
| Parameters for                        | medium-temperature application. |               |
| Parameters for                        | average climate conditions.     |               |

| Item   | Symbol           | Value | Unit | Item   | Symbol     | Value | Unit |  |  |
|--|------------------|-------|------|--|------------|-------|------|--|--|
| Rated heat output (*)  | Prated           | 7.0   | kW   | Seasonal space heating energy efficiency   | ηs         | 128   | %    |  |  |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj |                  |       |      | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj |            |       |      |  |  |
| Tj = - 7 °C  | Pdh              | 6.2   | kW   | Tj = - 7 °C  | COPd       | 1.81  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 1.00  | -    |  |            |       |      |  |  |
| Tj = + 2 °C  | Pdh              | 3.8   | kW   | Tj = + 2 °C  | COPd       | 3.25  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |  |  |
| Tj = + 7 °C  | Pdh              | 3.1   | kW   | Tj = + 7 °C  | COPd       | 4.69  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.98  | -    |  |            |       |      |  |  |
| Tj = +12 °C  | Pdh              | 3.9   | kW   | Tj = +12 °C  | COPd       | 6.67  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |            |       |      |  |  |
| Tj = bivalent temperature  | Pdh              | 6.2   | kW   | Tj = bivalent temperature  | COPd       | 1.81  | -    |  |  |
| Tj = operation limit temperature (***)   | Pdh              | 5.8   | kW   | Tj = operation limit temperature (***)   | COPd       | 1.58  | -    |  |  |
|  |                  |       |      |  |            |       |      |  |  |
| Bivalent temperature   | Tbiv             | -7    | °C   | Operation limit temperature  | TOL        | -25   | °C   |  |  |
| Reference design conditions for space heating  | Tdesignh         | -10   | °C   | Heating water operating limit temperature  | WTOL       | 60    | °C   |  |  |
| Power consumption in modes other than active mode  |                  |       |      | Supplementary heater   |            |       |      |  |  |
| Off mode   | P <sub>OFF</sub> | 0.015 | kW   | Rated heat output (*)  | Psup       | 1.2   | kW   |  |  |
| Thermostat-off mode  | P <sub>TO</sub>  | 0.015 | kW   |  |            |       |      |  |  |
| Standby mode   | P <sub>SB</sub>  | 0.015 | kW   | Type of energy input   | Electrical |       |      |  |  |
| Crankcase heater mode  | P <sub>CK</sub>  | 0.000 | kW   |  |            |       |      |  |  |

|                                     |                 |         |     |                               |   |      |      |
|-------------------------------------|-----------------|---------|-----|-------------------------------|---|------|------|
| Other items                         |                 |         |     |                               |   |      |      |
| Capacity control                    | variable        |         |     | Rated air flow rate, outdoors | - | 2790 | m³/h |
| Sound power level, indoors/outdoors | L <sub>WA</sub> | 41 / 60 | dBA |                               |   |      |      |
| Annual energy consumption           | Q <sub>HE</sub> | 4401    | kWh |                               |   |      |      |

|                                   |       |       |     |                                 |     |     |   |
|-----------------------------------|-------|-------|-----|---------------------------------|-----|-----|---|
| For heat pump combination heater: |       |       |     |                                 |     |     |   |
| Declared load profile             | L     |       |     | Water heating energy efficiency | ηwh | 144 | % |
| Daily electricity consumption     | Qelec | 3.780 | kWh |                                 |     |     |   |
| Annual electricity consumption    | AEC   | 832   | kWh |                                 |     |     |   |

|   |  |  |  |   |  |  |  |
|---|--|--|--|---|--|--|--|
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| The identification and signature of the person empowered to bind the supplier:      |  |  |  |   |  |  |  |
|  |  |  |  | Tadashi SAITO   |  |  |  |
|   |  |  |  | Manager, Quality Assurance Department                                     |  |  |  |
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· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.

· Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(\*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

|                                       |                              |               |
|---------------------------------------|------------------------------|---------------|
| Model(s):                             | Outdoor unit:                | SUZ-SWM80VAH2 |
|                                       | Indoor unit:                 | EHST20D-MED   |
| Air-to-water heat pump:               | yes                          |               |
| Water-to-water heat pump:             | no                           |               |
| Brine-to-water heat pump:             | no                           |               |
| Low-temperature heat pump:            | no                           |               |
| Equipped with a supplementary heater: | no                           |               |
| Heat pump combination heater:         | yes                          |               |
| Parameters for                        | low-temperature application. |               |
| Parameters for                        | average climate conditions.  |               |

| Item   | Symbol           | Value | Unit | Item   | Symbol     | Value | Unit |  |  |
|--|------------------|-------|------|--|------------|-------|------|--|--|
| Rated heat output (*)  | Prated           | 6.6   | kW   | Seasonal space heating energy efficiency   | ηs         | 175   | %    |  |  |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj |                  |       |      | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj |            |       |      |  |  |
| Tj = - 7 °C  | Pdh              | 5.9   | kW   | Tj = - 7 °C  | COPd       | 2.86  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |  |  |
| Tj = + 2 °C  | Pdh              | 4.4   | kW   | Tj = + 2 °C  | COPd       | 4.35  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |  |  |
| Tj = + 7 °C  | Pdh              | 3.4   | kW   | Tj = + 7 °C  | COPd       | 6.22  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |            |       |      |  |  |
| Tj = +12 °C  | Pdh              | 3.7   | kW   | Tj = +12 °C  | COPd       | 7.38  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |            |       |      |  |  |
| Tj = bivalent temperature  | Pdh              | 6.6   | kW   | Tj = bivalent temperature  | COPd       | 2.23  | -    |  |  |
| Tj = operation limit temperature (***)   | Pdh              | 6.6   | kW   | Tj = operation limit temperature (***)   | COPd       | 2.23  | -    |  |  |
|  |                  |       |      |  |            |       |      |  |  |
| Bivalent temperature   | Tbiv             | -10   | °C   | Operation limit temperature  | TOL        | -25   | °C   |  |  |
| Reference design conditions for space heating  | Tdesignh         | -10   | °C   | Heating water operating limit temperature  | WTOL       | 60    | °C   |  |  |
| Power consumption in modes other than active mode  |                  |       |      | Supplementary heater   |            |       |      |  |  |
| Off mode   | P <sub>OFF</sub> | 0.015 | kW   | Rated heat output (*)  | Psup       | 0.0   | kW   |  |  |
| Thermostat-off mode  | P <sub>TO</sub>  | 0.015 | kW   |  |            |       |      |  |  |
| Standby mode   | P <sub>SB</sub>  | 0.015 | kW   | Type of energy input   | Electrical |       |      |  |  |
| Crankcase heater mode  | P <sub>CK</sub>  | 0.000 | kW   |  |            |       |      |  |  |

|                                     |                 |         |     |                               |   |      |      |
|-------------------------------------|-----------------|---------|-----|-------------------------------|---|------|------|
| Other items                         |                 |         |     |                               |   |      |      |
| Capacity control                    | variable        |         |     | Rated air flow rate, outdoors | - | 2790 | m³/h |
| Sound power level, indoors/outdoors | L <sub>WA</sub> | 41 / 60 | dBa |                               |   |      |      |
| Annual energy consumption           | Q <sub>HE</sub> | 3070    | kWh |                               |   |      |      |

|                                   |       |       |     |                                 |     |     |   |
|-----------------------------------|-------|-------|-----|---------------------------------|-----|-----|---|
| For heat pump combination heater: |       |       |     |                                 |     |     |   |
| Declared load profile             | L     |       |     | Water heating energy efficiency | ηwh | 144 | % |
| Daily electricity consumption     | Qelec | 3.780 | kWh |                                 |     |     |   |
| Annual electricity consumption    | AEC   | 832   | kWh |                                 |     |     |   |

|  |  |  |  |   |  |  |  |
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| The identification and signature of the person empowered to bind the supplier; |  |  |  | Tadashi SAITO   |  |  |  |
| The signature is signed in the average climate / medium-temperature section.   |  |  |  | Manager, Quality Assurance Department                                     |  |  |  |
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(\*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

|                                       |                                 |               |
|---------------------------------------|---------------------------------|---------------|
| Model(s):                             | Outdoor unit:                   | SUZ-SWM80VAH2 |
|                                       | Indoor unit:                    | EHST20D-MED   |
| Air-to-water heat pump:               | yes                             |               |
| Water-to-water heat pump:             | no                              |               |
| Brine-to-water heat pump:             | no                              |               |
| Low-temperature heat pump:            | no                              |               |
| Equipped with a supplementary heater: | no                              |               |
| Heat pump combination heater:         | yes                             |               |
| Parameters for                        | medium-temperature application. |               |
| Parameters for                        | colder climate conditions.      |               |

| Item   | Symbol           | Value | Unit | Item   | Symbol | Value      | Unit |
|--|------------------|-------|------|--|--------|------------|------|
| Rated heat output (*)  | Prated           | 5.5   | kW   | Seasonal space heating energy efficiency   | ηs     | 99         | %    |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj |                  |       |      | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj |        |            |      |
| Tj = - 7 °C  | Pdh              | 3.4   | kW   | Tj = - 7 °C  | COPd   | 2.13       | -    |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |        |            |      |
| Tj = + 2 °C  | Pdh              | 3.4   | kW   | Tj = + 2 °C  | COPd   | 3.32       | -    |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |        |            |      |
| Tj = + 7 °C  | Pdh              | 3.3   | kW   | Tj = + 7 °C  | COPd   | 5.18       | -    |
| Degradation co-efficient (**)  | Cdh              | 0.98  | -    |  |        |            |      |
| Tj = +12 °C  | Pdh              | 3.6   | kW   | Tj = +12 °C  | COPd   | 6.35       | -    |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |        |            |      |
| Tj = bivalent temperature  | Pdh              | 4.5   | kW   | Tj = bivalent temperature  | COPd   | 1.13       | -    |
| Tj = operation limit temperature (***)   | Pdh              | 3.8   | kW   | Tj = operation limit temperature (***)   | COPd   | 1.06       | -    |
| Tj = – 15 °C (if TOL < – 20 °C)  | Pdh              | 4.5   | kW   | Tj = – 15 °C (if TOL < – 20 °C)  | COPd   | 1.13       | -    |
| Bivalent temperature   | Tbiv             | -15   | °C   | Operation limit temperature  | TOL    | -25        | °C   |
| Reference design conditions for space heating  | Tdesignh         | -22   | °C   | Heating water operating limit temperature  | WTOL   | 60         | °C   |
| Power consumption in modes other than active mode  |                  |       |      | Supplementary heater   |        |            |      |
| Off mode   | P <sub>OFF</sub> | 0.015 | kW   | Rated heat output (*)  | Psup   | 5.5        | kW   |
| Thermostat-off mode  | P <sub>TO</sub>  | 0.015 | kW   |  |        |            |      |
| Standby mode   | P <sub>SB</sub>  | 0.015 | kW   | Type of energy input   |        | Electrical |      |
| Crankcase heater mode  | P <sub>CK</sub>  | 0.000 | kW   |  |        |            |      |

|                                     |                 |         |     |                               |   |      |      |
|-------------------------------------|-----------------|---------|-----|-------------------------------|---|------|------|
| Other items                         |                 |         |     |                               |   |      |      |
| Capacity control                    | variable        |         |     | Rated air flow rate, outdoors | - | 2790 | m³/h |
| Sound power level, indoors/outdoors | L <sub>WA</sub> | 41 / 60 | dBa |                               |   |      |      |
| Annual energy consumption           | Q <sub>HE</sub> | 5311    | kWh |                               |   |      |      |

|                                   |       |       |     |                                 |     |     |   |
|-----------------------------------|-------|-------|-----|---------------------------------|-----|-----|---|
| For heat pump combination heater: |       |       |     |                                 |     |     |   |
| Declared load profile             | L     |       |     | Water heating energy efficiency | ηwh | 127 | % |
| Daily electricity consumption     | Qelec | 4.220 | kWh |                                 |     |     |   |
| Annual electricity consumption    | AEC   | 929   | kWh |                                 |     |     |   |

|  |  |  |  |   |  |  |  |
|--|--|--|--|---|--|--|--|
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| The identification and signature of the person empowered to bind the supplier; |  |  |  |   |  |  |  |
|  |  |  |  | Tadashi SAITO   |  |  |  |
| The signature is signed in the average climate / medium-temperature section.   |  |  |  | Manager, Quality Assuarance Department                                    |  |  |  |
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(\*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.



PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

|                                       |                              |               |
|---------------------------------------|------------------------------|---------------|
| Model(s):                             | Outdoor unit:                | SUZ-SWM80VAH2 |
|                                       | Indoor unit:                 | EHST20D-MED   |
| Air-to-water heat pump:               | yes                          |               |
| Water-to-water heat pump:             | no                           |               |
| Brine-to-water heat pump:             | no                           |               |
| Low-temperature heat pump:            | no                           |               |
| Equipped with a supplementary heater: | no                           |               |
| Heat pump combination heater:         | yes                          |               |
| Parameters for                        | low-temperature application. |               |
| Parameters for                        | colder climate conditions.   |               |

| Item   | Symbol           | Value | Unit | Item   | Symbol | Value      | Unit |
|--|------------------|-------|------|--|--------|------------|------|
| Rated heat output (*)  | Prated           | 5.8   | kW   | Seasonal space heating energy efficiency   | ηs     | 136        | %    |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj |                  |       |      | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj |        |            |      |
| Tj = - 7 °C  | Pdh              | 3.5   | kW   | Tj = - 7 °C  | COPd   | 2.91       | -    |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |        |            |      |
| Tj = + 2 °C  | Pdh              | 3.6   | kW   | Tj = + 2 °C  | COPd   | 4.34       | -    |
| Degradation co-efficient (**)  | Cdh              | 0.98  | -    |  |        |            |      |
| Tj = + 7 °C  | Pdh              | 3.4   | kW   | Tj = + 7 °C  | COPd   | 6.48       | -    |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |        |            |      |
| Tj = +12 °C  | Pdh              | 3.6   | kW   | Tj = +12 °C  | COPd   | 7.28       | -    |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |        |            |      |
| Tj = bivalent temperature  | Pdh              | 4.7   | kW   | Tj = bivalent temperature  | COPd   | 1.80       | -    |
| Tj = operation limit temperature (***)   | Pdh              | 5.7   | kW   | Tj = operation limit temperature (***)   | COPd   | 1.60       | -    |
| Tj = – 15 °C (if TOL < – 20 °C)  | Pdh              | 4.7   | kW   | Tj = – 15 °C (if TOL < – 20 °C)  | COPd   | 1.80       | -    |
| Bivalent temperature   | Tbiv             | -15   | °C   | Operation limit temperature  | TOL    | -25        | °C   |
| Reference design conditions for space heating  | Tdesignh         | -22   | °C   | Heating water operating limit temperature  | WTOL   | 60         | °C   |
| Power consumption in modes other than active mode  |                  |       |      | Supplementary heater   |        |            |      |
| Off mode   | P <sub>OFF</sub> | 0.015 | kW   | Rated heat output (*)  | Psup   | 0.1        | kW   |
| Thermostat-off mode  | P <sub>TO</sub>  | 0.015 | kW   |  |        |            |      |
| Standby mode   | P <sub>SB</sub>  | 0.015 | kW   | Type of energy input   |        | Electrical |      |
| Crankcase heater mode  | P <sub>CK</sub>  | 0.000 | kW   |  |        |            |      |

|                                     |                 |         |     |                               |   |      |      |
|-------------------------------------|-----------------|---------|-----|-------------------------------|---|------|------|
| Other items                         |                 |         |     |                               |   |      |      |
| Capacity control                    | variable        |         |     | Rated air flow rate, outdoors | - | 2790 | m³/h |
| Sound power level, indoors/outdoors | L <sub>WA</sub> | 41 / 60 | dBa |                               |   |      |      |
| Annual energy consumption           | Q <sub>HE</sub> | 4101    | kWh |                               |   |      |      |

|                                   |       |       |     |                                 |     |     |   |
|-----------------------------------|-------|-------|-----|---------------------------------|-----|-----|---|
| For heat pump combination heater: |       |       |     |                                 |     |     |   |
| Declared load profile             | L     |       |     | Water heating energy efficiency | ηwh | 127 | % |
| Daily electricity consumption     | Qelec | 4.220 | kWh |                                 |     |     |   |
| Annual electricity consumption    | AEC   | 929   | kWh |                                 |     |     |   |

|  |  |  |  |   |  |  |  |
|--|--|--|--|---|--|--|--|
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|  |  |  |  | Tadashi SAITO   |  |  |  |
| The signature is signed in the average climate / medium-temperature section.   |  |  |  | Manager, Quality Assuarance Department                                    |  |  |  |
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(\*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

|                                       |                                 |               |
|---------------------------------------|---------------------------------|---------------|
| Model(s):                             | Outdoor unit:                   | SUZ-SWM80VAH2 |
|                                       | Indoor unit:                    | EHST20D-MED   |
| Air-to-water heat pump:               | yes                             |               |
| Water-to-water heat pump:             | no                              |               |
| Brine-to-water heat pump:             | no                              |               |
| Low-temperature heat pump:            | no                              |               |
| Equipped with a supplementary heater: | no                              |               |
| Heat pump combination heater:         | yes                             |               |
| Parameters for                        | medium-temperature application. |               |
| Parameters for                        | warmer climate conditions.      |               |

| Item   | Symbol           | Value | Unit | Item   | Symbol     | Value | Unit |  |  |
|--|------------------|-------|------|--|------------|-------|------|--|--|
| Rated heat output (*)  | Prated           | 7.5   | kW   | Seasonal space heating energy efficiency   | ηs         | 170   | %    |  |  |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj |                  |       |      | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj |            |       |      |  |  |
| Tj = - 7 °C  | Pdh              | -     | kW   | Tj = - 7 °C  | COPd       | -     | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | -     | -    |  |            |       |      |  |  |
| Tj = + 2 °C  | Pdh              | 7.5   | kW   | Tj = + 2 °C  | COPd       | 2.09  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 1.00  | -    |  |            |       |      |  |  |
| Tj = + 7 °C  | Pdh              | 4.8   | kW   | Tj = + 7 °C  | COPd       | 4.05  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |  |  |
| Tj = +12 °C  | Pdh              | 3.6   | kW   | Tj = +12 °C  | COPd       | 5.60  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.98  | -    |  |            |       |      |  |  |
| Tj = bivalent temperature  | Pdh              | 7.5   | kW   | Tj = bivalent temperature  | COPd       | 2.09  | -    |  |  |
| Tj = operation limit temperature (***)   | Pdh              | 7.5   | kW   | Tj = operation limit temperature (***)   | COPd       | 2.09  | -    |  |  |
|  |                  |       |      |  |            |       |      |  |  |
| Bivalent temperature   | Tbiv             | 2     | °C   | Operation limit temperature  | TOL        | -25   | °C   |  |  |
| Reference design conditions for space heating  | Tdesignh         | 2     | °C   | Heating water operating limit temperature  | WTOL       | 60    | °C   |  |  |
| Power consumption in modes other than active mode  |                  |       |      | Supplementary heater   |            |       |      |  |  |
| Off mode   | P <sub>OFF</sub> | 0.015 | kW   | Rated heat output (*)  | Psup       | 0.0   | kW   |  |  |
| Thermostat-off mode  | P <sub>TO</sub>  | 0.015 | kW   |  |            |       |      |  |  |
| Standby mode   | P <sub>SB</sub>  | 0.015 | kW   | Type of energy input   | Electrical |       |      |  |  |
| Crankcase heater mode  | P <sub>CK</sub>  | 0.000 | kW   |  |            |       |      |  |  |

|                                     |                 |         |     |                               |   |      |      |
|-------------------------------------|-----------------|---------|-----|-------------------------------|---|------|------|
| Other items                         |                 |         |     |                               |   |      |      |
| Capacity control                    | variable        |         |     | Rated air flow rate, outdoors | - | 2790 | m³/h |
| Sound power level, indoors/outdoors | L <sub>WA</sub> | 41 / 60 | dBa |                               |   |      |      |
| Annual energy consumption           | Q <sub>HE</sub> | 2311    | kWh |                               |   |      |      |

|                                   |       |       |     |                                 |     |     |   |
|-----------------------------------|-------|-------|-----|---------------------------------|-----|-----|---|
| For heat pump combination heater: |       |       |     |                                 |     |     |   |
| Declared load profile             | L     |       |     | Water heating energy efficiency | ηwh | 159 | % |
| Daily electricity consumption     | Qelec | 3.070 | kWh |                                 |     |     |   |
| Annual electricity consumption    | AEC   | 676   | kWh |                                 |     |     |   |

|  |  |  |  |   |  |  |  |
|--|--|--|--|---|--|--|--|
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| The identification and signature of the person empowered to bind the supplier; |  |  |  | Tadashi SAITO   |  |  |  |
| The signature is signed in the average climate / medium-temperature section.   |  |  |  | Manager, Quality Assuarance Department                                    |  |  |  |
|  |  |  |  | THAILAND  |  |  |  |

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(\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

|                                       |                              |               |
|---------------------------------------|------------------------------|---------------|
| Model(s):                             | Outdoor unit:                | SUZ-SWM80VAH2 |
|                                       | Indoor unit:                 | EHST20D-MED   |
| Air-to-water heat pump:               | yes                          |               |
| Water-to-water heat pump:             | no                           |               |
| Brine-to-water heat pump:             | no                           |               |
| Low-temperature heat pump:            | no                           |               |
| Equipped with a supplementary heater: | no                           |               |
| Heat pump combination heater:         | yes                          |               |
| Parameters for                        | low-temperature application. |               |
| Parameters for                        | warmer climate conditions.   |               |

| Item   | Symbol           | Value | Unit | Item   | Symbol     | Value | Unit |  |  |
|--|------------------|-------|------|--|------------|-------|------|--|--|
| Rated heat output (*)  | Prated           | 7.5   | kW   | Seasonal space heating energy efficiency   | ηs         | 233   | %    |  |  |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj |                  |       |      | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj |            |       |      |  |  |
| Tj = - 7 °C  | Pdh              | -     | kW   | Tj = - 7 °C  | COPd       | -     | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | -     | -    |  |            |       |      |  |  |
| Tj = + 2 °C  | Pdh              | 7.5   | kW   | Tj = + 2 °C  | COPd       | 3.26  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.99  | -    |  |            |       |      |  |  |
| Tj = + 7 °C  | Pdh              | 4.9   | kW   | Tj = + 7 °C  | COPd       | 6.02  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.98  | -    |  |            |       |      |  |  |
| Tj = +12 °C  | Pdh              | 3.7   | kW   | Tj = +12 °C  | COPd       | 7.07  | -    |  |  |
| Degradation co-efficient (**)  | Cdh              | 0.97  | -    |  |            |       |      |  |  |
| Tj = bivalent temperature  | Pdh              | 7.5   | kW   | Tj = bivalent temperature  | COPd       | 3.26  | -    |  |  |
| Tj = operation limit temperature (***)   | Pdh              | 7.5   | kW   | Tj = operation limit temperature (***)   | COPd       | 3.26  | -    |  |  |
|  |                  |       |      |  |            |       |      |  |  |
| Bivalent temperature   | Tbiv             | 2     | °C   | Operation limit temperature  | TOL        | -25   | °C   |  |  |
| Reference design conditions for space heating  | Tdesignh         | 2     | °C   | Heating water operating limit temperature  | WTOL       | 60    | °C   |  |  |
| Power consumption in modes other than active mode  |                  |       |      | Supplementary heater   |            |       |      |  |  |
| Off mode   | P <sub>OFF</sub> | 0.015 | kW   | Rated heat output (*)  | Psup       | 0.0   | kW   |  |  |
| Thermostat-off mode  | P <sub>TO</sub>  | 0.015 | kW   |  |            |       |      |  |  |
| Standby mode   | P <sub>SB</sub>  | 0.015 | kW   | Type of energy input   | Electrical |       |      |  |  |
| Crankcase heater mode  | P <sub>CK</sub>  | 0.000 | kW   |  |            |       |      |  |  |

|                                     |                 |         |     |                               |   |      |      |
|-------------------------------------|-----------------|---------|-----|-------------------------------|---|------|------|
| Other items                         |                 |         |     |                               |   |      |      |
| Capacity control                    | variable        |         |     | Rated air flow rate, outdoors | - | 2790 | m³/h |
| Sound power level, indoors/outdoors | L <sub>WA</sub> | 41 / 60 | dBa |                               |   |      |      |
| Annual energy consumption           | Q <sub>HE</sub> | 1699    | kWh |                               |   |      |      |

|                                   |       |       |     |                                 |     |     |   |
|-----------------------------------|-------|-------|-----|---------------------------------|-----|-----|---|
| For heat pump combination heater: |       |       |     |                                 |     |     |   |
| Declared load profile             | L     |       |     | Water heating energy efficiency | ηwh | 159 | % |
| Daily electricity consumption     | Qelec | 3.070 | kWh |                                 |     |     |   |
| Annual electricity consumption    | AEC   | 676   | kWh |                                 |     |     |   |

|  |  |  |  |   |  |  |  |
|--|--|--|--|---|--|--|--|
| Contact details  |  |  |  |   |  |  |  |
| MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD.                     |  |  |  | 700/406 moo 7, Tambon don hua roh, Amphur muang, chonburi 20000, Thailand |  |  |  |
| The identification and signature of the person empowered to bind the supplier; |  |  |  |   |  |  |  |
|  |  |  |  | Tadashi SAITO   |  |  |  |
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