



| WU   |                        | 960              | 1050             | 1300             | 1450             | 1600             | 1710             | 1900             | 2100             | 2300             |
|--|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Cooling capacity (Totale) <sup>1</sup> ESP 20 Pa   | kW                     | 63,2             | 68,9             | 88,2             | 95,2             | 106,9            | 115,4            | 126,2            | 140,1            | 157,5            |
| Cooling capacity (Sensible) <sup>1</sup> ESP 20 Pa | kW                     | 51,6             | 55,4             | 70,4             | 77,6             | 85,2             | 93,9             | 100,7            | 114,3            | 125,6            |
| Tot. absorbed power (fans) <sup>2</sup> ESP 20 Pa  | kW                     | 1,9              | 2                | 2,2              | 2,7              | 2,9              | 3,1              | 3,3              | 3,5              | 3,8              |
| SHR  |                        | 0,81             | 0,80             | 0,79             | 0,81             | 0,79             | 0,81             | 0,79             | 0,81             | 0,79             |
| Air flow   | m <sup>3</sup> /h      | 13400            | 13400            | 16600            | 20100            | 20100            | 23800            | 23800            | 29500            | 29500            |
| N° Fan   |                        | 1                | 1                | 2                | 2                | 2                | 2                | 2                | 3                | 3                |
| ESP max.   | Pa                     | 308              | 291              | 369              | 277              | 293              | 371              | 366              | 398              | 413              |
| Coil+2 way valve pressure drop                     | kPa                    | 41               | 42               | 35               | 40               | 43               | 47               | 50               | 37               | 40               |
| Water flow   | m <sup>3</sup> /h      | 10,9             | 11,9             | 15,2             | 16,4             | 18,4             | 19,8             | 21,7             | 24,1             | 27,1             |
| Power supply                                       | V/ph/Hz                | 400/3+N+T/<br>50 | 400/3+N+T/<br>50 | 400/3+N+T/<br>50 | 400/3+N+T/<br>50 | 400/3+N+T/<br>50 | 400/3+N+T/<br>50 | 400/3+N+T/<br>50 | 400/3+N+T/<br>50 | 400/3+N+T/<br>50 |
| <b>Humidifier</b>                                  |                        |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| Steam production (nominal)                         | kg/h                   | 8,0              | 8,0              | 8,0              | 8,0              | 8,0              | 8,0              | 8,0              | 8,0              | 8,0              |
| Steam production (max)                             | kg/h                   | 8                | 8                | 8                | 8                | 8                | 8                | 8                | 8                | 8                |
| Maximum absorbed power                             | kW                     | 6,0              | 6,0              | 6,0              | 6,0              | 6,0              | 6,0              | 6,0              | 6,0              | 6,0              |
| Maximum absorbed current                           | A                      | 8,7              | 8,7              | 8,7              | 8,7              | 8,7              | 8,7              | 8,7              | 8,7              | 8,7              |
| Specific conductivity at 20°C (min/max)            | µS/cm                  | 300/1250         | 300/1250         | 300/1250         | 300/1250         | 300/1250         | 300/1250         | 300/1250         | 300/1250         | 300/1250         |
| Total hardness (min/max)                           | mg/l CaCO <sub>3</sub> | 100/400          | 100/400          | 100/400          | 100/400          | 100/400          | 100/400          | 100/400          | 100/400          | 100/400          |
| <b>Electrical heaters</b>                          |                        |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| Steps  | n°                     | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 3                |
| Power  | kW                     | 9,0              | 9,0              | 15,0             | 18,0             | 18,0             | 24,0             | 24,0             | 27,0             | 27,0             |
| Absorbed current                                   | A                      | 13,0             | 13,0             | 21,7             | 26,0             | 26,0             | 34,6             | 34,6             | 39,0             | 39,0             |
| <b>Oversized electrical heaters</b>                |                        |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| Steps  | n°                     | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 3                |
| Power  | kW                     | 12,0             | 12,0             | 18,0             | 24,0             | 24,0             | 27,0             | 27,0             | 36,0             | 36,0             |
| Absorbed current                                   | A                      | 17,3             | 17,3             | 26,0             | 34,6             | 34,6             | 39,0             | 39,0             | 52,0             | 52,0             |
| <b>Hot water coil</b>                              |                        |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| Thermal capacity                                   | kW                     | 24,5             | 24,5             | 31,1             | 37,4             | 37,4             | 48,9             | 48,9             | 60,8             | 60,8             |
| Water flow   | m <sup>3</sup> /h      | 4,3              | 4,3              | 5,43             | 6,5              | 6,5              | 8,5              | 8,5              | 10,6             | 10,6             |
| Coil+3way valv pressure drop                       | kPa                    | 46               | 46               | 53               | 34               | 34               | 48               | 48               | 42               | 42               |
| Coil internal volume                               | dm <sup>3</sup>        | 4,7              | 4,7              | 5,8              | 7,1              | 7,1              | 10,45            | 10,45            | 12,6             | 12,6             |
| <b>Condensing water pump</b>                       |                        |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| Nominal flow                                       | l/h                    | 390,0            | 390,0            | 390,0            | 390,0            | 390,0            | 390,0            | 390,0            | 390,0            | 390,0            |
| Maximum flow (prevalence = 0m)                     | l/h                    | 500              | 500              | 500              | 500              | 500              | 500              | 500              | 500              | 500              |
| Max. discharge height (flow=0m3h )                 | m                      | 5,4              | 5,4              | 5,4              | 5,4              | 5,4              | 5,4              | 5,4              | 5,4              | 5,4              |
| <b>Humidifier + condensig water pump</b>           |                        |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| Nominal flow                                       | l/h                    | 600              | 600              | 600              | 600              | 600              | 600              | 600              | 600              | 600              |
| Maximum flow (prevalence = 0m)                     | l/h                    | 900              | 900              | 900              | 900              | 900              | 900              | 900              | 900              | 900              |
| Max. discharge height (flow=0m3h )                 | m                      | 6,0              | 6,0              | 6,0              | 6,0              | 6,0              | 6,0              | 6,0              | 6,0              | 6,0              |
| <b>Dimensions</b>                                  |                        |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| Frame  | n°                     | 4,5              | 4,5              | 5                | 6                | 6                | 7                | 7                | 8                | 8                |
| Widht  | mm                     | 1505             | 1505             | 1860             | 2210             | 2210             | 2565             | 2565             | 3100             | 3100             |
| Depth  | mm                     | 850              | 850              | 850              | 850              | 850              | 850              | 850              | 850              | 850              |
| Height   | mm                     | 1980             | 1980             | 1980             | 1980             | 1980             | 1980             | 1980             | 1980             | 1980             |
| Weight   | kg                     | 366              | 373              | 456              | 503              | 520              | 600              | 617              | 715              | 751              |

(1) Ambient temperature 24°, Relative humidity 50%, Water temperature 7/12°C

(2) The fans absorbed electrical power must be added to the ambient charge.