

EDLQ-CV3

Rated data for certification programmes - heating mode

|             |             | Certification programme            |                                    | Ta [°C] | EW [°C] | LWC [°C] | HC [kW] | COP  | Minimum required COP | Variable | Minimum required COP | HP FAC | Minimum required COP | EMPA | Minimum required COP | Excluded | Minimum required COP | EB | Minimum required COP | Microgeneration | Minimum required COP | SP1 (DAB) |   |   |
|-------------|-------------|------------------------------------|------------------------------------|---------|---------|----------|---------|------|----------------------|----------|----------------------|--------|----------------------|------|----------------------|----------|----------------------|----|----------------------|-----------------|----------------------|-----------|---|---|
| *18/10/085* | Floor       | EMPA                               | 7,6                                | 30      | 35      | 4,87     | 5,12    | 4,00 | -                    | -        | -                    | -      | -                    | -    | -                    | -        | -                    | -  | -                    | -               | -                    | -         | - |   |
|             |             | EMPA, HP FAC, Microgeneration      | 7,6                                | 30      | 35      | 4,96     | 5,02    | 4,00 | -                    | -        | -                    | -      | -                    | -    | -                    | -        | -                    | -  | -                    | -               | -                    | -         | - | - |
|             |             | EMPA, HP FAC, Microgeneration, SP1 | 7,7                                | 30      | 35      | 5,27     | 4,62    | 4,00 | -                    | -        | -                    | -      | -                    | -    | -                    | -        | -                    | -  | -                    | -               | -                    | -         | - | - |
|             | Fan coil    | EMPA                               | 7,6                                | 40      | 35      | 4,17     | 2,71    | 2,00 | -                    | -        | -                    | -      | -                    | -    | -                    | -        | -                    | -  | -                    | -               | -                    | -         | - | - |
|             |             | EMPA, HP FAC                       | 7,6                                | 40      | 35      | 3,31     | 1,74    | 2,00 | -                    | -        | -                    | -      | -                    | -    | -                    | -        | -                    | -  | -                    | -               | -                    | -         | - | - |
|             |             | EMPA, HP FAC                       | 7,6                                | 40      | 42      | 4,20     | 2,12    | 2,50 | -                    | -        | -                    | -      | -                    | -    | -                    | -        | -                    | -  | -                    | -               | -                    | -         | - | - |
|             | Radiator    | EMPA                               | 7,6                                | 47      | 35      | 4,30     | 4,21    | 4,00 | -                    | -        | -                    | -      | -                    | -    | -                    | -        | -                    | -  | -                    | -               | -                    | -         | - | - |
|             |             | EMPA, HP FAC                       | 7,6                                | 47      | 35      | 3,81     | 1,92    | 4,00 | -                    | -        | -                    | -      | -                    | -    | -                    | -        | -                    | -  | -                    | -               | -                    | -         | - | - |
|             |             | EMPA                               | 7,6                                | 47      | 35      | 4,50     | 2,30    | 4,00 | -                    | -        | -                    | -      | -                    | -    | -                    | -        | -                    | -  | -                    | -               | -                    | -         | - | - |
|             | *18/10/087* | Floor                              | EMPA                               | 7,6     | 30      | 35       | 5,00    | 4,90 | 4,00                 | -        | -                    | -      | -                    | -    | -                    | -        | -                    | -  | -                    | -               | -                    | -         | - | - |
|             |             |                                    | EMPA, HP FAC, Microgeneration      | 7,6     | 30      | 35       | 7,00    | 4,52 | 4,00                 | -        | -                    | -      | -                    | -    | -                    | -        | -                    | -  | -                    | -               | -                    | -         | - | - |
|             |             |                                    | EMPA, HP FAC, Microgeneration, SP1 | 7,7     | 30      | 35       | 4,50    | 3,21 | 4,00                 | -        | -                    | -      | -                    | -    | -                    | -        | -                    | -  | -                    | -               | -                    | -         | - | - |
| Fan coil    |             | EMPA                               | 7,6                                | 40      | 35      | 4,40     | 2,90    | 2,00 | -                    | -        | -                    | -      | -                    | -    | -                    | -        | -                    | -  | -                    | -               | -                    | -         | - | - |
|             |             | EMPA, HP FAC                       | 7,6                                | 40      | 42      | 5,50     | 3,42    | 2,50 | -                    | -        | -                    | -      | -                    | -    | -                    | -        | -                    | -  | -                    | -               | -                    | -         | - | - |
|             |             | EMPA, HP FAC                       | 7,6                                | 40      | 42      | 4,50     | 2,20    | 2,50 | -                    | -        | -                    | -      | -                    | -    | -                    | -        | -                    | -  | -                    | -               | -                    | -         | - | - |
| Radiator    |             | EMPA                               | 7,6                                | 47      | 35      | 4,50     | 4,00    | 4,00 | -                    | -        | -                    | -      | -                    | -    | -                    | -        | -                    | -  | -                    | -               | -                    | -         | - | - |
|             |             | EMPA, HP FAC                       | 7,6                                | 47      | 35      | 3,50     | 1,90    | 4,00 | -                    | -        | -                    | -      | -                    | -    | -                    | -        | -                    | -  | -                    | -               | -                    | -         | - | - |
|             |             | EMPA                               | 7,6                                | 47      | 35      | 5,10     | 2,30    | 4,00 | -                    | -        | -                    | -      | -                    | -    | -                    | -        | -                    | -  | -                    | -               | -                    | -         | - | - |

Rated data for certification programmes - cooling mode

|          |       | Certification programme |    | Ta [°C] | EW [°C] | LWC [°C] | CC [kW] | EER  | Minimum required EER | Variable | Minimum required EER | EMPA (DAB) |
|----------|-------|-------------------------|----|---------|---------|----------|---------|------|----------------------|----------|----------------------|------------|
| *18/085* | Floor | EMPA + DAB (split)      | 35 | 22      | 18      | 3,88     | 4,01    | 2,20 | -                    | -        | -                    | 3,50       |
| *18/087* | Floor | EMPA + DAB (split)      | 35 | 22      | 18      | 5,20     | 3,80    | 2,20 | -                    | -        | -                    | 3,50       |

Rated data for certification programmes - standby power consumption

|             |        | Certification programme |  | Ta [°C] |
|-------------|--------|-------------------------|--|---------|
| *18/10/085* | HP FAC |                         |  | 0,5W    |
| *18/10/087* | HP FAC |                         |  | 0,5W    |

Sound power measurements

|             |        | Certification programme |     | Required | Ta [°C] | EW [°C] | LWC [°C] | Mode | dBA |
|-------------|--------|-------------------------|-----|----------|---------|---------|----------|------|-----|
| *18/10/085* | HP FAC | Nominal                 | 7,6 | 30       | 35      | Heating | 61       |      |     |
|             | HP FAC | Nominal                 | 35  | 12       | 7       | Cooling | 61       |      |     |
| *18/10/087* | HP FAC | Nominal                 | 7,6 | 30       | 35      | Heating | 62       |      |     |
|             | HP FAC | Nominal                 | 35  | 12       | 7       | Cooling | 63       |      |     |

Symbols

- CC= Cooling capacity at maximum operating frequency, measured according to EN 14511.
- HC= Heating capacity at maximum operating frequency, measured according to EN 14511
- COP/EER= Coefficient of Performance/Energy efficiency ratio according to EN 14511.
- LWE= Leaving water evaporator temperature [°C]
- LWC= Leaving water condenser temperature [°C]
- Ta= Ambient temperature [°C] (DB/WE)