

**eCoo:**  
Technical data.



| Model  | eCoo 10                                 | eCoo 10X               | eCoo 20                | eCoo 20X                | eCoo 30                 | eCoo 30X                | eCoo 40X                |
|--|---|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Article number                                 | A700030 / A700045                       | A700040                | A700031                | A700046                 | A700033                 | A700042                 | A700043                 |
| <b>Application range</b>                       |   |                        |                        |                         |                         |                         |                         |
| Hot water temperature                          | 50 – 95 °C                              | 50 – 95 °C             | 50 – 95 °C             | 50 – 95 °C              | 50 – 95 °C              | 50 – 95 °C              | 50 – 95 °C              |
| Re-cooling water temperature                   | 22 - 40 °C                              | 22 - 40 °C             | 22 - 40 °C             | 22 - 40 °C              | 22 - 40 °C              | 22 - 40 °C              | 22 - 40 °C              |
| Chilled water temperature                      | 8 - 21 °C                               | 8 - 21 °C              | 8 - 21 °C              | 8 - 21 °C               | 8 - 21 °C               | 8 - 21 °C               | 8 - 21 °C               |
| Max. operating pressure                        | 4 bar                                   | 4 bar                  | 4 bar                  | 4 bar                   | 4 bar                   | 4 bar                   | 4 bar                   |
| <b>Performance data</b>                        |   |                        |                        |                         |                         |                         |                         |
| Cooling capacity                               | up to 16.7 kW                           | up to 25 kW            | up to 33.4 kW          | up to 50 kW             | up to 50 kW             | up to 75 kW             | up to 100 kW            |
| COP thermal                                    | up to 0.65                              | up to 0.65             | up to 0.65             | up to 0.65              | up to 0.65              | up to 0.65              | up to 0.65              |
| <b>Dimensions / Weight</b>                     |   |                        |                        |                         |                         |                         |                         |
| W x D x H                                      | 875 x 765 x 2,004 mm                    | 875 x 765 x 2,500 mm   | 875 x 1,465 x 2,004 mm | 875 x 1,465 x 2,500 mm  | 875 x 1,864 x 2,004 mm  | 875 x 2,165 x 2,500 mm  | 875 x 2,930 x 2,500 mm  |
| Footprint                                      | 0.67 m <sup>2</sup>                     | 0.67 m <sup>2</sup>    | 1.28 m <sup>2</sup>    | 1.28 m <sup>2</sup>     | 1.63 m <sup>2</sup>     | 1.89 m <sup>2</sup>     | 2.56 m <sup>2</sup>     |
| Empty weight                                   | ca. 370 kg                              | ca. 550 kg             | ca. 785 kg             | ca. 1,152 kg            | ca. 1,238 kg            | ca. 1,728 kg            | ca. 2,300 kg            |
| <b>Electrical power consumption and supply</b> |   |                        |                        |                         |                         |                         |                         |
| At typical pressure drop*                      | 260 W                                   | 511 W                  | 520 W                  | 1,022 W                 | 984 W                   | 1,543 W                 | 2,064 W                 |
| At max. delivery head*                         | 800 W                                   | 911 W                  | 1,600 W                | 1,822 W                 | 1,768 W                 | 2,743 W                 | 3,664 W                 |
| Power supply                                   | 230 V, 50/60 Hz                         | 230 V, 50/60 Hz        | 230 V, 50/60 Hz        | 230 V, 50/60 Hz         | 230 V, 50/60 Hz         | 230 V, 50/60 Hz         | (2x) 230 V, 50/60 Hz    |
| <b>Hot water circuit</b>                       |   |                        |                        |                         |                         |                         |                         |
| Volume flow rate                               | 2.5 m <sup>3</sup> /h                   | 3.75 m <sup>3</sup> /h | 5 m <sup>3</sup> /h    | 7.50 m <sup>3</sup> /h  | 7.50 m <sup>3</sup> /h  | 11.25 m <sup>3</sup> /h | 15.00 m <sup>3</sup> /h |
| Available delivery head                        | 464 mbar                                | 296 mbar               | 400 mbar               | 287 mbar                | 816 mbar                | 282 mbar                | 280 mbar                |
| Connection                                     | G 1¼" AG                                | G 2" AG                | G 2" AG                | DN 65                   | G 2" AG                 | DN 65                   | DN 65                   |
| <b>Re-cooling water circuit</b>                |   |                        |                        |                         |                         |                         |                         |
| Volume flow rate                               | 5.1 m <sup>3</sup> /h                   | 7.65 m <sup>3</sup> /h | 10.2 m <sup>3</sup> /h | 15.30 m <sup>3</sup> /h | 15.30 m <sup>3</sup> /h | 22.95 m <sup>3</sup> /h | 30.60 m <sup>3</sup> /h |
| Available delivery head                        | 690 mbar                                | 309 mbar               | 640 mbar               | 282 mbar                | 590 mbar                | 278 mbar                | 271 mbar                |
| Connection                                     | G 1½" AG                                | G 2" AG                | G 2" ½ AG              | DN 80                   | G 2 ½" AG               | DN 80                   | DN 80                   |
| <b>Chilled water circuit</b>                   |   |                        |                        |                         |                         |                         |                         |
| Volume flow rate                               | 2.9 m <sup>3</sup> /h                   | 4.35 m <sup>3</sup> /h | 5.8 m <sup>3</sup> /h  | 8.70 m <sup>3</sup> /h  | 8.70 m <sup>3</sup> /h  | 13.05 m <sup>3</sup> /h | 17.40 m <sup>3</sup> /h |
| Available delivery head                        | 630 mbar                                | 492 mbar               | 520 mbar               | 481 mbar                | 271 mbar                | 476 mbar                | 472 mbar                |
| Connection                                     | G 1¼" AG                                | G 2" AG                | G 2" AG                | DN 65                   | G 2" AG                 | DN 65                   | DN 65                   |
| <b>Components</b>                              |   |                        |                        |                         |                         |                         |                         |
| Controller                                     | Resol DeltaSol® MX, or Siemens Climatix | Siemens Climatix       | Siemens Climatix       | Siemens Climatix        | Siemens Climatix        | Siemens Climatix        | Siemens Climatix        |
| Integrated circuit separation                  | Optional                                | Optional               | Optional               |                         | Standard                |                         |                         |

\* Power consumption of adsorption chillers varies with operating conditions