

# Eco-Design-Regulation EU 2016/2281

Requirements for the documentation  
(Appendix 2 / Chapter 5 / Table 15)

| <b>Product data</b>   |              |          |                 |
|---|--------------|----------|-----------------|
| Unit  |              |          | xtend.k/t 160 A |
| Type of liquefaction  |              |          | L               |
| Refrigerant/GWP   |              |          | R290/3          |
|   | Symbol       | Value    | Unit            |
| Operating temperature   | t            | 7        | °C              |
| Seasonal energy performance ratio   | SEPR         | 5.26     | ---             |
| Annual energy consumption   | Q            | 18.409   | kWh/a           |
| Reduction factor $C_{dc}$ of chillers   | $C_{dc}$     | ---      | ---             |
| Power regulation  | ---          | variabel | ---             |
| <b>Parameter at full load and reference temperature at assessment point A</b> |              |          |                 |
| Rated refrigeration capacity  | $P_A$        | 13.06    | kW              |
| Rated power consumption   | $D_A$        | 4.65     | kW              |
| Energy efficiency ratio   | $EER_{DC,A}$ | 2.81     | ---             |
| <b>Parameter at assessment point B</b>  |              |          |                 |
| Declared cooling capacity   | $P_B$        | 12.19    | kW              |
| Declared power consumption  | $D_B$        | 3.45     | kW              |
| Declared energy efficiency ratio  | $EER_{DC,B}$ | 3.53     | ---             |
| <b>Parameter at assessment point C</b>  |              |          |                 |
| Declared cooling capacity   | $P_C$        | 11.32    | kW              |
| Declared power consumption  | $D_C$        | 2.10     | kW              |
| Declared energy efficiency ratio  | $EER_{DC,C}$ | 5.39     | ---             |
| <b>Parameter at assessment point D</b>  |              |          |                 |
| Declared cooling capacity   | $P_D$        | 10.45    | kW              |
| Declared power consumption  | $D_D$        | 1.71     | kW              |
| Declared energy efficiency ratio  | $EER_{DC,D}$ | 6.12     | ---             |