

Subtype ECL-BT-110

|                     |                                        |
|---------------------|----------------------------------------|
| Certificate Holder  | ECL Nexus                              |
| Address             | 13, Boulevard Pereire                  |
| ZIP                 | 75017                                  |
| City                | Paris                                  |
| Country             | FR                                     |
| Certification Body  | ICIM S.p.A.                            |
| Subtype title       | ECL-BT-110                             |
| Registration number | ICIM-PDC-000146                        |
| Heat Pump Type      | Heat Pump for Domestic Hot Water (DHW) |
| Refrigerant         | R134a                                  |
| Mass of Refrigerant | 0.65 kg                                |
| Certification Date  | 20.05.2022                             |
| Testing basis       | V8                                     |

**Model ECLBT110X.01**

|                                     |               |
|-------------------------------------|---------------|
| Model name                          | ECLBT110X.01  |
| Application                         | Heating + DHW |
| Units                               | Indoor        |
| Climate zone (for heating)          | n/a           |
| Heat Source                         | Outdoor Air   |
| Cooling mode application (optional) | n/a           |
| Any additional heat sources         | n/a           |

**General data**

|                  |             |
|------------------|-------------|
| Power supply     | 1x230V 50Hz |
| Off-peak product | No          |

**Heat Pump for Domestic Hot Water (DHW)**
**EN 16147 | Operating test**

|                              |   |
|------------------------------|---|
| Temperature operating range  | 2 |
| Safety devices checking test | 2 |
| Condensate draining          | 2 |

**EN 12102-2 | Average Climate**

|                          |          |
|--------------------------|----------|
| Sound power level indoor | 49 dB(A) |
|--------------------------|----------|

**EN 16147 | Average Climate**

|                                 |            |
|---------------------------------|------------|
| Declared load profile           | M          |
| Efficiency $\eta_{DHW}$         | 125 %      |
| COP                             | 3.01       |
| Heating up time                 | 6:53 h:min |
| Standby power input             | 13.4 W     |
| Reference hot water temperature | 55.0 °C    |
| Mixed water at 40°C             | 150 l      |

**EN 14511-4 | Heating**

|                                            |        |
|--------------------------------------------|--------|
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure              | passed |
| Defrost test                               | passed |
| Starting and operating test                | passed |

**EN 12102-1 | Average Climate**

|                          | Low temperature | Medium temperature |
|--------------------------|-----------------|--------------------|
| Sound power level indoor | 49 dB(A)        |                    |