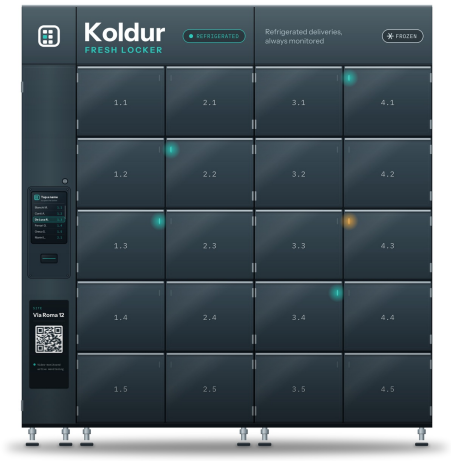
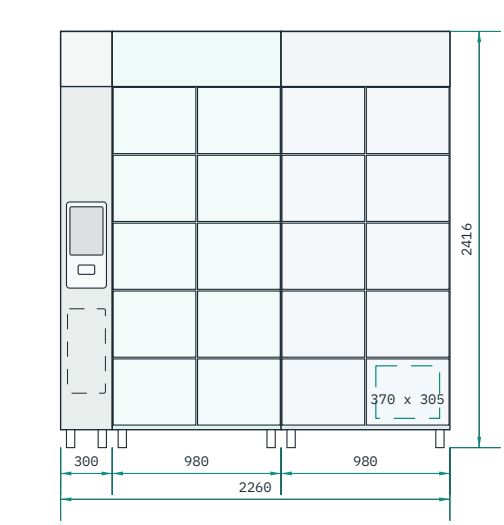
# Koldur **Fresh Locker 20**

20 doors · 10 refrigerated + 10 frozen · control unit with touch screen

Koldur
FRESH LOCKER




Front view




Front with dimensions [mm]

Side

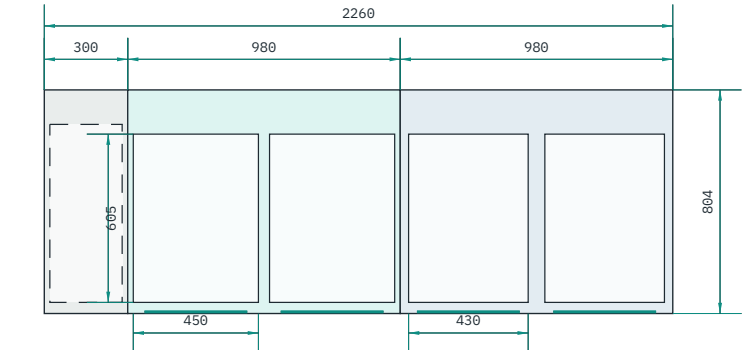
**20**
doors · 10 refrigerated + 10 frozen

**2260 × 804 × 2416**
mm (W × D × H)

**+4…+8 °C**
refrigerated zone

**−15…−18 °C**
frozen zone

☐ Refrigerated ☐ Frozen ☐ Control unit




Plan (section B-B)

## Koldur features

- Fixed compartment assigned to each housing unit: no order, no delivery PIN.
- The courier opens the door by tapping the resident's name on the display: no account, no integration.
- Automatic closing; reopening within 3 minutes, once only, to finish loading.
- Alarm if a door fails to close.
- Delivery SMS triggered by the weight/presence sensor; the resident opens with a permanent personal code.
- Video surveillance and 24/7 monitoring: temperature, power outage, connectivity loss.
- Role-based access: technical team, property manager, resident.

| Design and Material | |
|---|---|
| **Number of doors** | 20 (10 refrigerated + 10 frozen) |
| **Type of doors** | Hinged, with LED status lights |
| **Doors reversible** | No |
| **Self-closing doors** | Yes; door remains open while filling |
| **Door locks** | Magnetic (UPS required); control unit: mechanical, with keys |
| **Max load on shelves** | 20 kg refrigerated · 15 kg frozen |
| **Feet / legs** | Adjustable, 4 per module* |
| **Castors** | No |
| **Interior light** | No |
| **Handle** | Integrated |
| **Exterior finish** | Grey RAL 7015, structural painting |
| **Interior finish** | White RAL 9003 (control unit: RAL 7015) |

| Measures and Content | |
|---|---|
| **Temperature range** | Refrigerated +4…+8 °C<br>Frozen −15…−18 °C |
| **Climate class** | 3 (control unit: SN, N) |
| **Operating conditions** | max +25 °C / 60 % RH |
| **Weight net / gross** | ≈ 595 / 605 kg* |
| **Installation** | Plug and play: only a power supply and a LAN line are needed |

| Dimensions | |
|---|---|
| **Outer dimensions (WxDxH) mm** | 2260 × 804 × 2416* |
| **Module widths mm** | 300 control · 980 refrigerated* · 980 frozen |
| **Inner dimensions (WxDxH) mm** | Refrigerated 450 × 605 × 394* · Frozen 430 × 605 × 394 |
| **Door opening (WxH) mm** | 370 × 305 |
| **Packing dimensions (WxDxH) mm** | 2272 × 814 × 2416 |
| **Volume net** | ≈ 1,970 l* (refrigerated ≈ 1,020 l*, frozen 951 l) |
| **Locker quantity / volume** | 20 · 10 × ~103 l (refrigerated) · 2 × 78 l + 8 × ~103 l (frozen) |
| **Loading volume** | 20 cardboard boxes or bags (box size W300-350 D500 H260 mm) |

| Cooling | |
|---|---|
| **Type of controller** | Electronic |
| **Type of cooling** | Fan assisted |
| **Type of defrost** | Automatic (refrigerated) · hot gas (frozen) |
| **Refrigerant** | R290a |
| **Refrigerant charge** | ≤ 120 g* (refrigerated) · 255 g (frozen) |
| **Thermometer** | Digital |
| **Visible temperature** | No; digital display behind front panel |

| Power and Consumption | |
|---|---|
| **Energy consumption** | ≈ 10.7 kWh/24 h* |
| **Annual energy consumption** | ≈ 3,890 kWh/year* |
| **Voltage / frequency** | 230 V / 50 Hz |
| **Power input** | ≈ 1,620 W* |
| **Fuse** | 16 A per module |

| Features and Connectivity | |
|---|---|
| **Touch screen** | Multi-touch 10" |
| **Bar code reader** | Yes |
| **Connection** | Wired internet (RJ45); optional 5G as mobile-network backup |
| **UPS** | Required for user screen and magnetic locks; ready to connect |
| **Temperature monitoring** | Yes, with immediate notification |
| **Alarm** | Yes; connectable to external system (potential-free NO) |
| **Pin-pad** | Optional |
| **User languages** | IT / EN (more on request) |

| Options | |
|---|---|
| **Available** | 5G connection · pin-pad · UPS · more user languages |

* Indicative values for the 10-door refrigerated module, derived by scaling from the 15-door model: to be confirmed at engineering stage. Standard configuration with 20 doors; can be built to measure from 4 doors up to several hundred. Koldur reserves the right to make changes.