

Variocube ProLine

Technical Specifications: Installation, Dimensions, Connections.

release 11.2021/EN

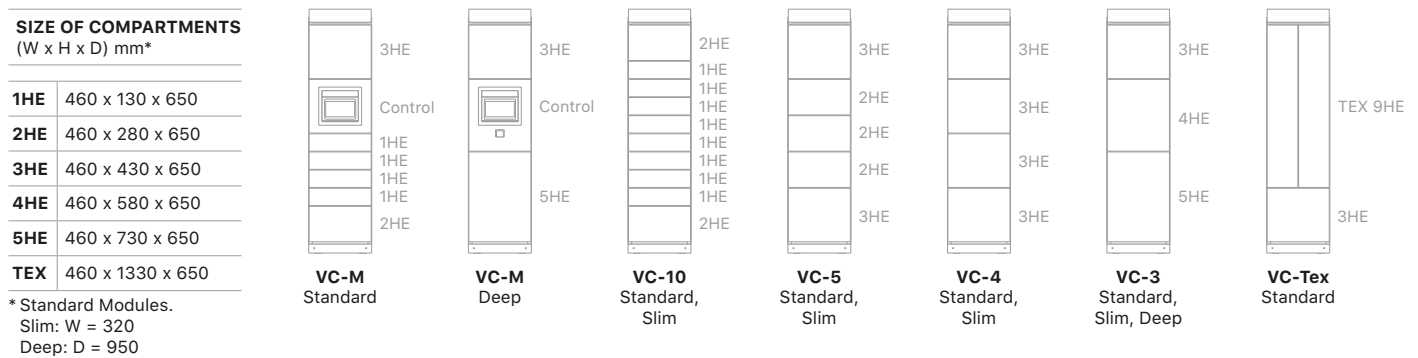


1. Scalability:

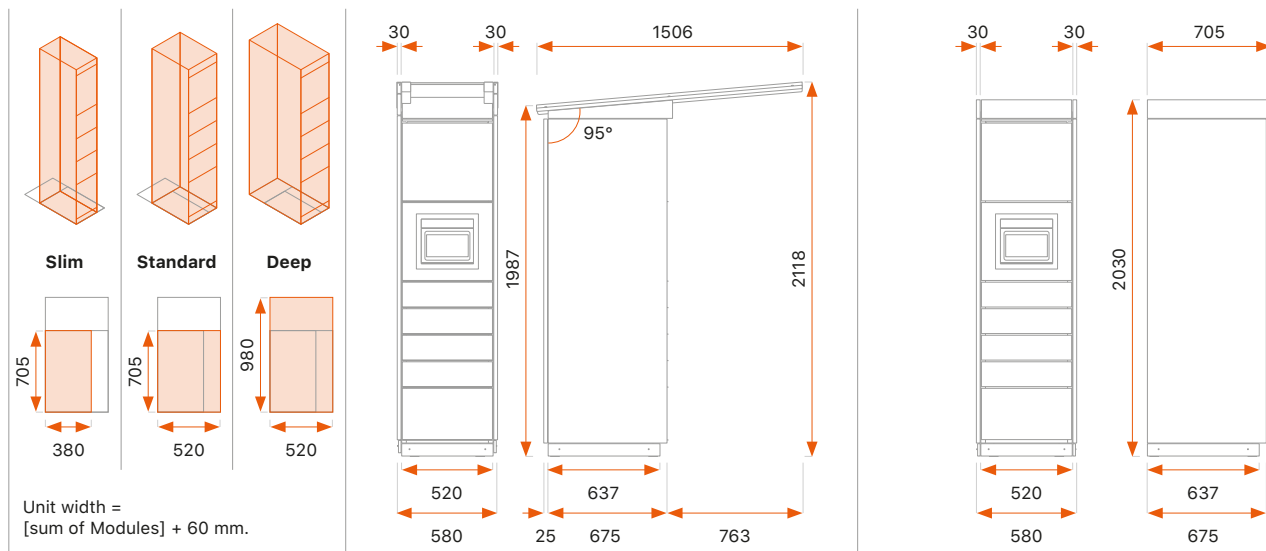
Due to its flexibility Variocube-Lockers can be configured out of different modules according to your requirements. If needed, already built arrays of modules can easily be expanded or altered by adding or changing modules at a later time.

Every Variocube-Unit consists of at least one Main-module, however it is possible to deploy more than one display per unit. The amount of expansion-modules is solely based on your planned application. There is no upper limit on the amount of compartments.

2. Available Variocube ProLine Modules:



3. Module Specifications including pedestal, panels and roofing:

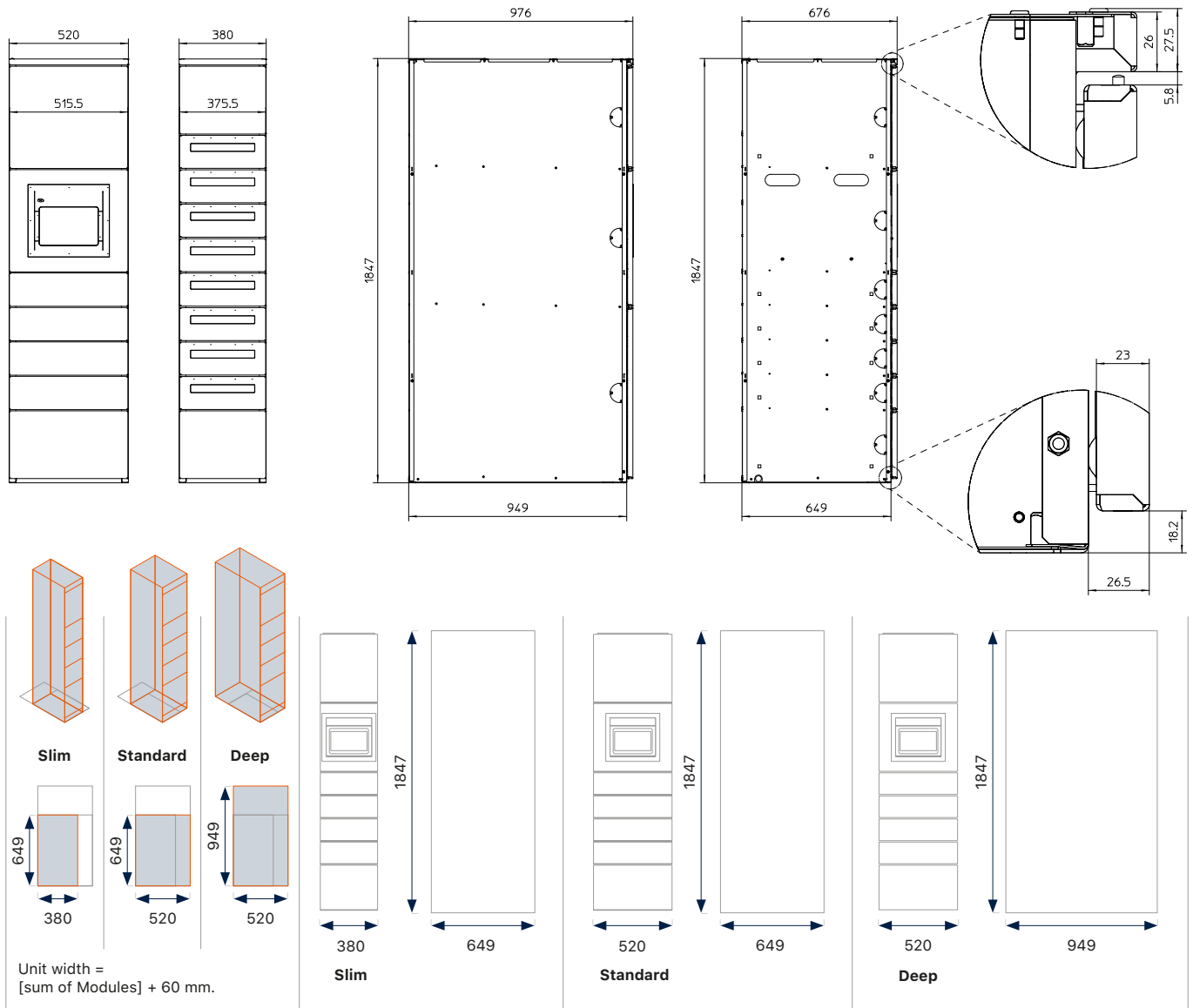


	OUTDOOR	INDOOR
Module "Standard"	520 x 2118 x 1506 (W x H x D) mm	520 x 2030 x 705 (W x H x D) mm
Module "Slim"	380 x 2118 x 1506 (W x H x D) mm	380 x 2030 x 705 (W x H x D) mm
Module "Deep"	-- (not available)	520 x 2030 x 980 (W x H x D) mm
Sidepanels	30 (W) mm	30 (W) mm
Backpanel	30 (D) mm (optional, not needed if wall-mounted)	30 (D) mm (optional, not needed if wall-mounted)
Surface Finish	galvanized, KTL grounded, weather-proof powder-coating	galvanized, KTL grounded, weather-proof powder-coating
Color	customizable RAL Color, default Anthrazit (Tiger Mica 618).	customizable RAL Color, default Anthrazit (Tiger Mica 618).
Weight per (empty) Module	min. 120 kg	min. 75 kg
max. weight per Compartment	30 kg	30 kg

4. Module Specifications for recessed installation:

If a Variocube-Array needs to be built into an existing niche, the side- and back-panels can be omitted (either completely if fully recessed or just the sides which touch nearby walls).

Please consider 5mm of free space between your Variocube-Unit and adjoining walls. This clearance is usually covered by flush panels after installation.

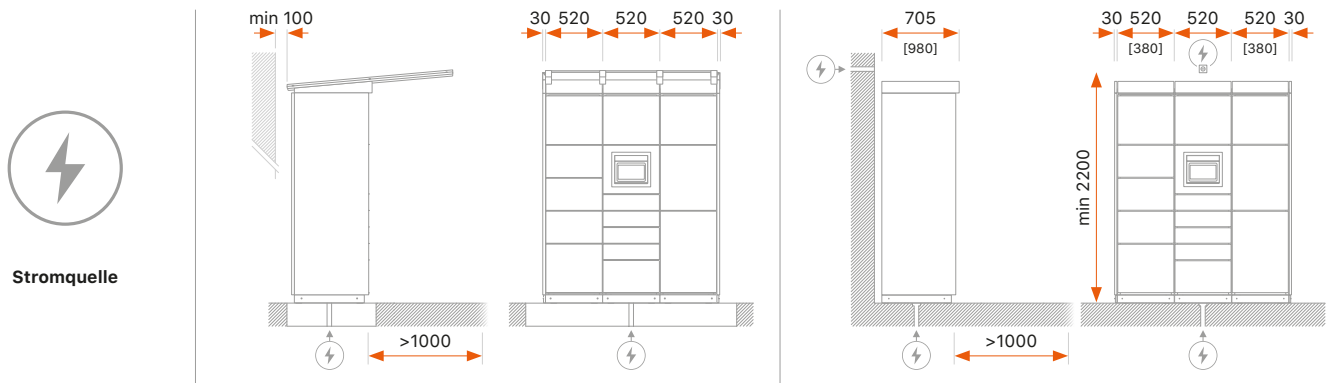


	WIDTH	HEIGHT	DEPTH
Module "Standard"	520 mm	1847 mm	649 mm
Module "Slim"	380 mm	1847 mm	649 mm
Module "Deep"	520 mm	1847 mm	949 mm
recommend height of foundation	100 – 150 mm	100 – 150 mm	100 – 150 mm
clearance above (needed for fitting)	min. 100 mm	min. 100 mm	min. 100 mm

	Operating Temperature	Operating Humidity	Storage Temperature	Storage Humidity
indoor	0 – 40°C	20 - 80% (non condensing)	-20 – 70°C	10 - 90% (non condensing)
outdoor	-20 – 55°C	20 - 80% (non condensing)	-25 – 70°C	10 - 90% (non condensing)

5. required Infrastructure:

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	OUTDOOR	INDOOR
Electrical power supply	230 VAC / 10 A. The power supply must comply with national norms and laws. A distinct circuit <u>must be</u> provided (protected by 10 A). The unit operates accordingly to EN 62368-1 (Excess Voltage Category II; meaning: transient voltage up to 2,5 kV). The unit is grounded via supply wiring (protection category I).	230 VAC / 10 A. The power supply must comply with national norms and laws. A distinct circuit is <u>recommended</u> . The unit operates accordingly to EN 62368-1 (Excess Voltage Category II; meaning: transient voltage up to 2,5 kV). The unit is grounded via supply wiring (protection category I).
on-site requirements	Cable 3 x 1,5 mm ² , 3 m long, earth-protected and fitted with an Euro plug (Schuko) centered beneath the Master-Module fed out from the foundation. There must be an easily accessible isolating device. If a wall socket is used as isolating device, make sure the socket is nearby your Variocube unit and that it is easily accessible. If not, you have to provide a easily accessible isolating device at the level of the building infrastructure.	Wall socket placed min. 2200 mm above the Master-Module or floor socket centered beneath the Master-Module.
Connectivity	Depending on specifications and conditions: mobile radio or LTE connection. Please check your reception at the planned location before project-start. If the mobile-connection is insufficient you have to provide a cable based (Ethernet) network-connection.	Depending on specifications and conditions: mobile radio or LTE connection. Please check your reception at the planned location before project-start. If the mobile-connection is insufficient you have to provide a cable based (Ethernet) network-connection.
Foundation	The Foundation has to be frost-proof and statically and structurally sound according to unit-weight und local norms depending wind- and snow-load. The base is fixed via impact anchor. Make sure the concrete has hardened enough. Also consider a suitable cable-trench through the foundation.	--
Placement	If placed near a wall make sure to include at least 100mm distance between the wall and the roof of the Variocube Unit for rain/water-drainage. Provide at least 1000mm of free space in front of the unit to ensure easy access.	Installation adjacent to wall(s) possible. Provide at least 1000mm of free space in front of the unit to ensure easy access.

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- Supremely modular und adaptable.
- modern cloud-based Technology.
- highest security due to clever systems architecture.
- suitable for large scale deployments, rugged metal construction.
- easy integration into custom designs.
- capable of multi-tasking via different compartment-sizes and via multi-app ability.
- fully independent operation via own LTE-Connection; merely 230V electrical power needed.
- API available to integrate Variocube into your existing IT-landscape.



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