



easy cooling, smart moving

The new Coldtainer F1020



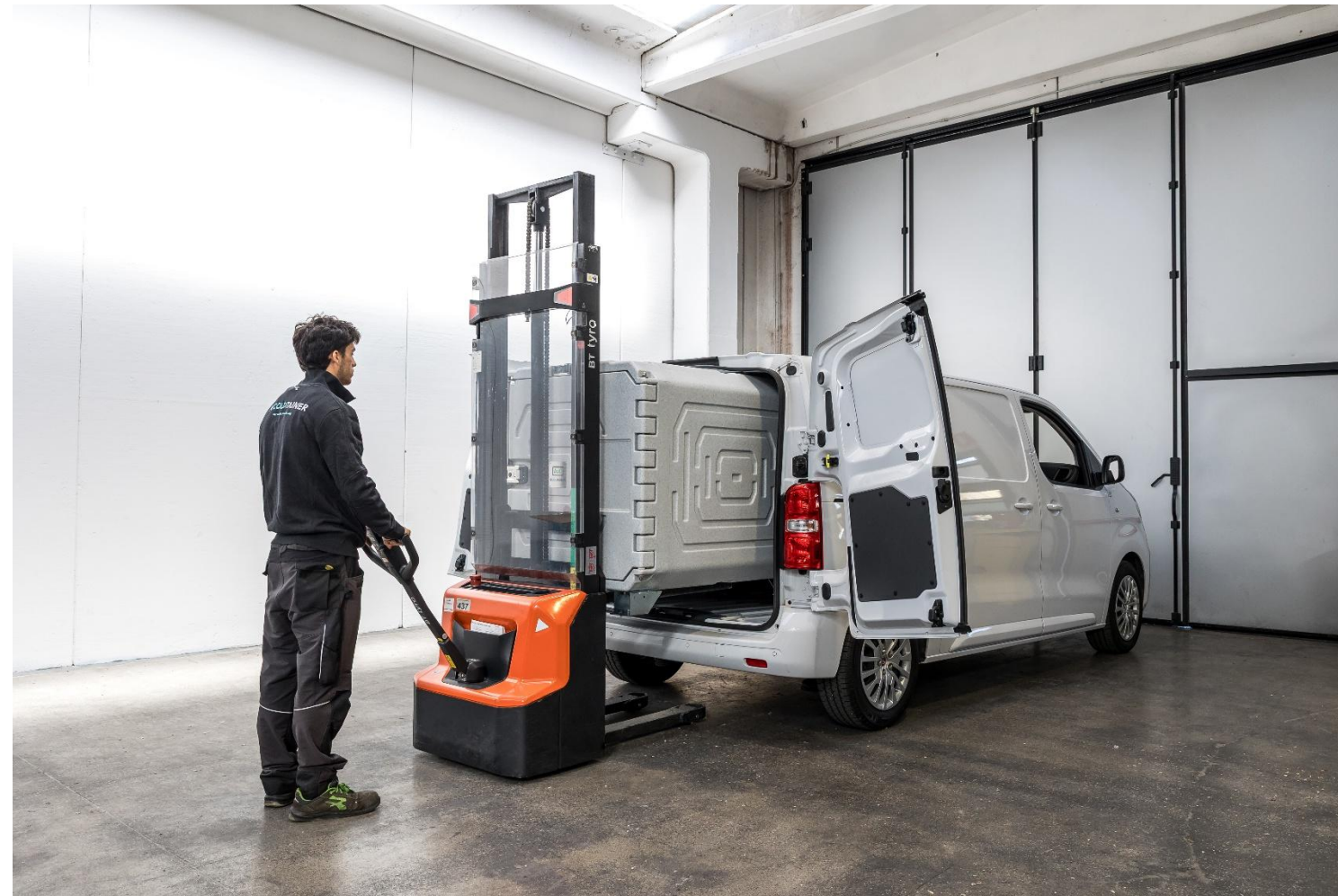
A new model has recently joined the Coldtainer line-up, the F1020, that is now the "flagship" of the "front opening series.

The F1020 was designed around the cargo dimensions of the current "Stellantis' medium-size van range (Citroën Jumpy, Fiat Scudo, Opel Vivaro, Peugeot Expert, RAM Promaster City and Toyota Proace

The F1020 was already presented by Stellantis ProOne (their commercial vehicles division) as a factory option for some European national markets.



The F1020 can be easily loaded /unloaded from the cargo compartment of a van with the use of truck pallets of forklifts.



In the case of the Stellantis medium –size vans, in case of use of the optional 100 mm feet instead of the regular 50 mm ones, it is necessary to remove an eventual extra flooring from the interior of the van

The F1020s are available in 3 versions: NDN (cooler, internal temperature down to +0°C), FDN (freezer, internal temperature down to -24°C) and NDH, with automatic cooling/heating systems and enhanced internal ventilation, normally used for the transport of temperature sensitive pharmaceutical products (internal temperature from +32°C down to +0°C)

Model name	F1020/NDN	F1020/FDN	F1020/NDH
EE article nr.	816022/00	816022/01	816022/02
Gross capacity (lt)	1020	1020	1020
Temperature range (°C)	down to +0°C	down to -24°C	from +30°C to +0°C
ATP class	FRAX	FRCX	BRBX
Voltage	12-24 Vdc	12 Vdc	12 Vdc
Peak Amps (@12Vdc)	21A	33A	21A
Fuse on DC cord	50A	50A	50A
External dimensions (mm)	1200 x 1750 x 1180	1200 x 1750 x 1180	1200 x 1750 x 1180
Weight (kg)	211	228	235
PU insulation (mm)	120	120	120
"K" insulation factor	220	242	237
Refrigerant gas (type)	R134a	R452A	R134a
Refrigerant gas (gr)	135	309	105 + 105
AC/DC power supply (opt)	560020/00	560021/00	560021/00

The 3 versions of the F1020s can be also available as AuO (autonomous operation) with an 12V VRLA 165Ah gel battery and an external 25A smart battery charger.

As a factory option, it is available an "extended operational time" kit, made of 2 x 12V VRLA 165Ah battery and a 50A smart battery charger.

The expected autonomous operational time of various versions is

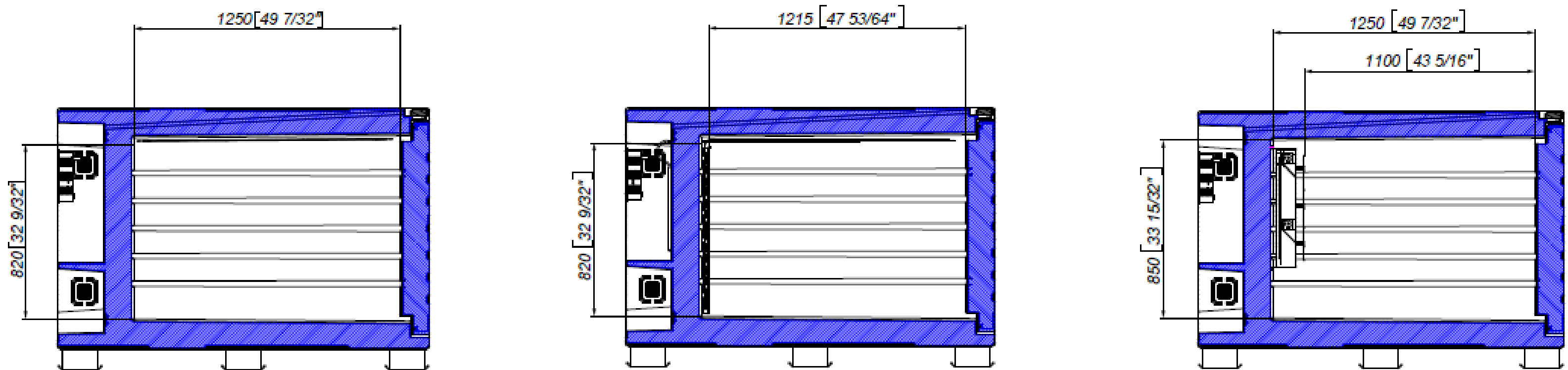
Model	Standard battery	Theorical * running time on own battery	Optional battery	Theorical * running time on own batteries
F1020/NDN AuO	1 x 165Ah	25h	2 x 165Ah	50h
F1020/NDH AuO	1 x 165Ah	23h	2 x 165Ah	46h
F1020/FDN AuO	1 x 165Ah	14h	2 x 165Ah	28h

* Unit stabilized at working temperature (+5°C for NDN and NDH, -21°C for FDN) connected to the AC mains. Battery fully charged, unit empty, no door openings



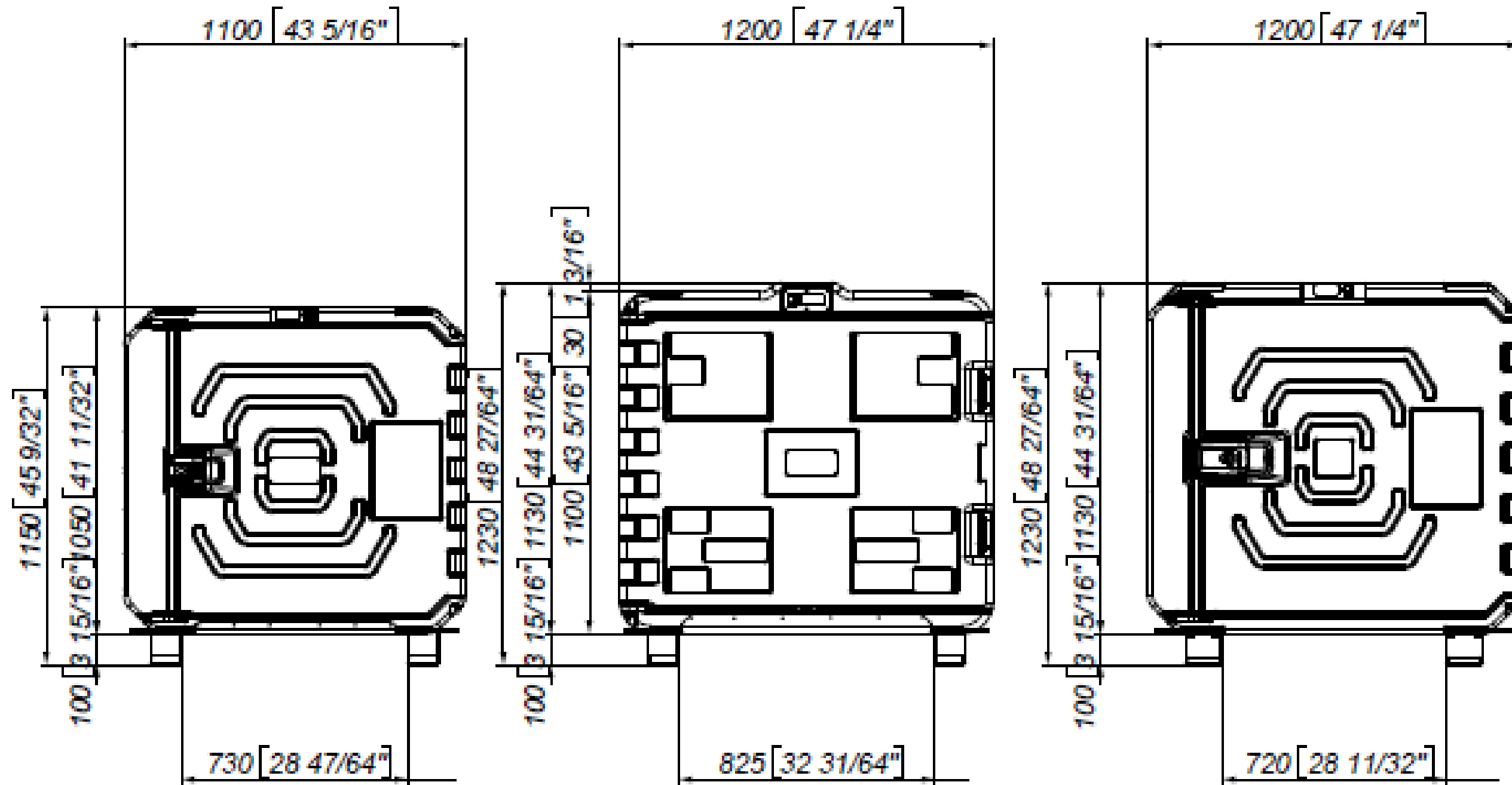
The F1020 is intended to replace the F0915, that will be discontinued by the end of 2026. The design pattern is the same of the F0720, with a regular internal volume, no side door and single stainless-steel handle in the front door.

The usable net volume depends from the internal configuration:

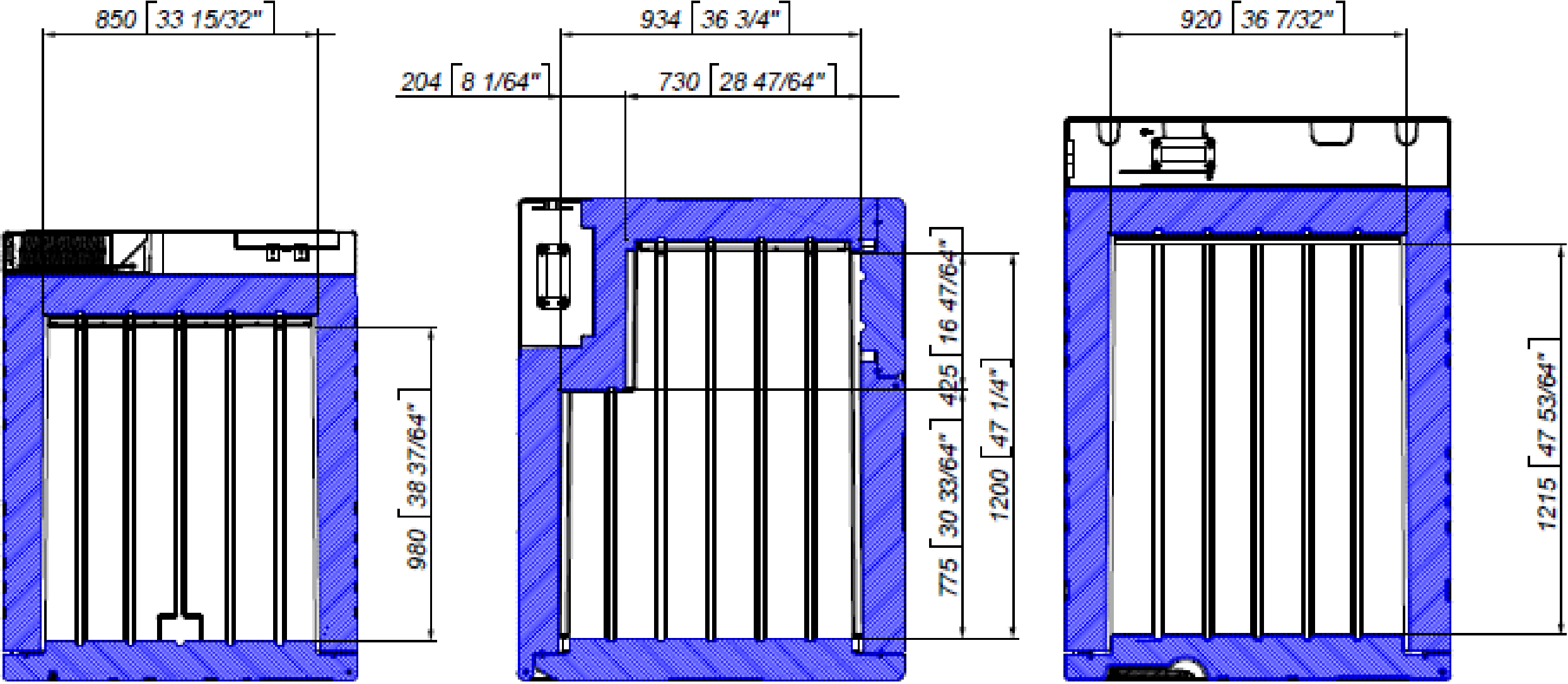


For the NDN (evaporator on the ceiling) the net usable volume is 943 liters, for the FDN (evaporator on the ceiling and the back, with protection grill) it is 917 liters, for the NDH (stainless steel box with 2 evaporators, tangential blowers and protection grill) it is 860 liters

Comparison F0720 vs. F0915 vs. F1020 – front view



Comparison F0720 vs. F0915 vs. F1020 – top view





F1020 on board of a Stellantis medium-size van (Fiat Scudo) and F0720 on board of a Stellantis small-size van (Fiat Doblò)



F1020 on board of a Stellantis medium-size van (Fiat Scudo)



F1020/FDN on board of a Stellantis medium-size van (Fiat Scudo)

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