PRESENTATION

GRANBERING INTEGRAL R-290

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All benefits of a remote vertical freezer in a plug and play solution
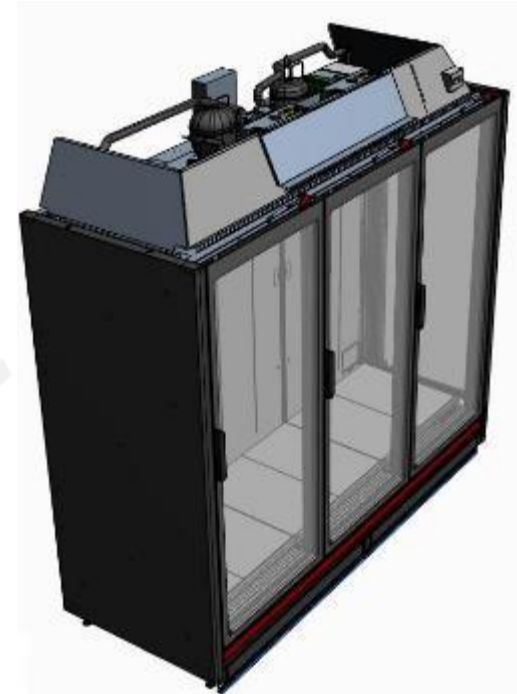
GRANBERING INTEGRAL R-290

What is Integral technology?

Integrale technology is an **all in one plug and play solution** matching **GranFit premium aesthetics**, **perfect product visibility**, **enhanced loading** and **first in class performance** to gether with **Epta undisputed technical leadership** in self contained unit engineering and manufacturing skills.
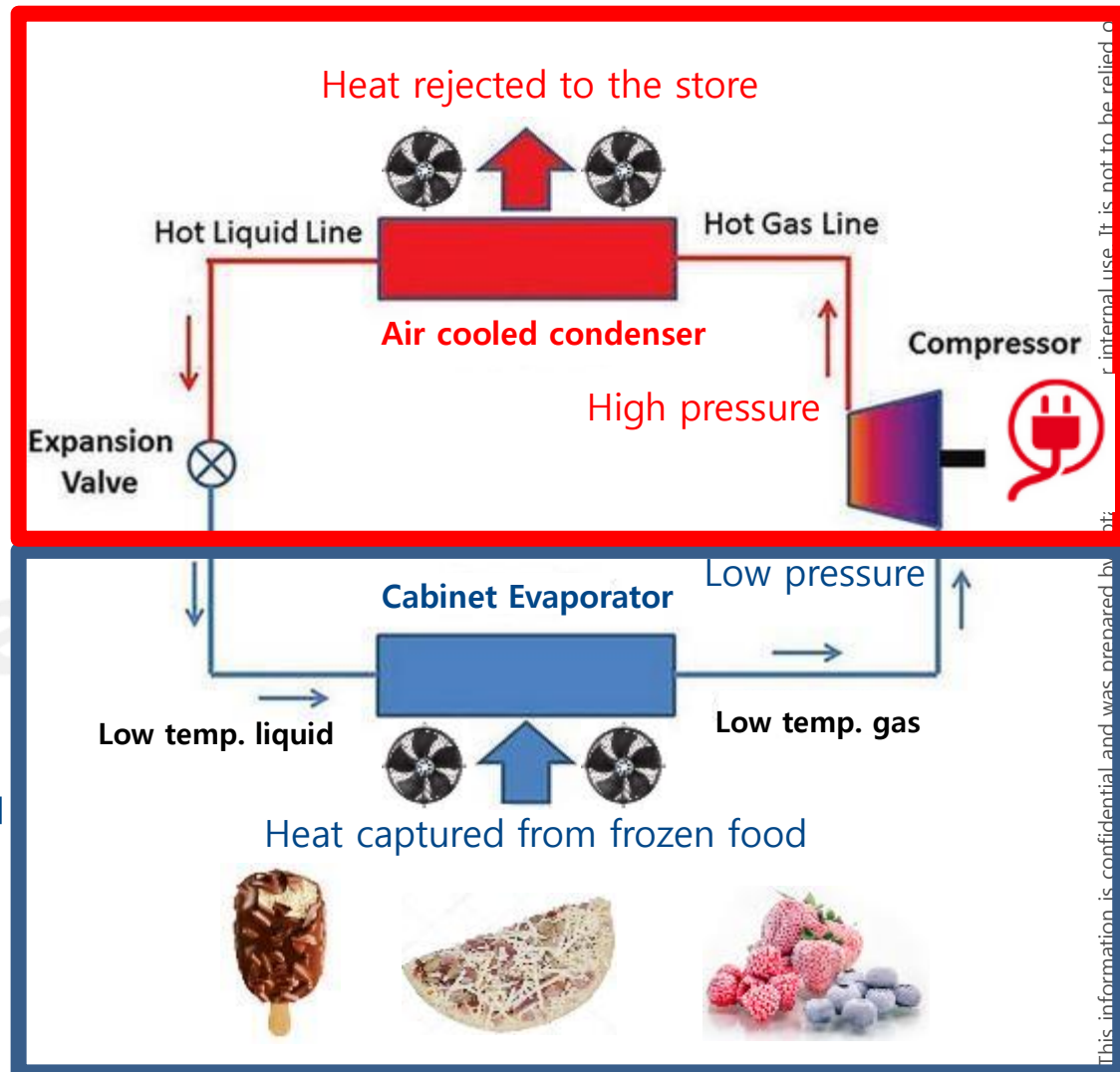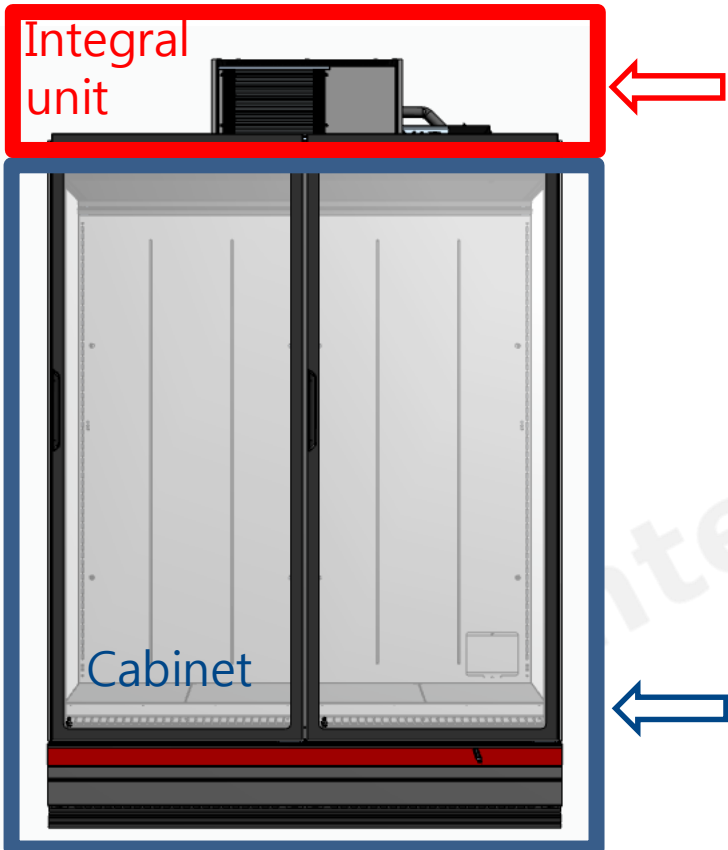
Our new product is offering you the opportunity to **replace expansive and high maintenance cost power pack** dedicated to freezer area **by a plug and play full integrated solution**. Especially designed for **convenience and small store surface**, Integral technology is a **market unique** and **Epta exclusive product** already tested and approved by our most demanding customers all over Europe.

Integral technology offers you **new perspective and approach of refrigeration system design**, **facilitating installation phase**, **making start up faster** and **decreasing maintenance cost**.

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How does it work

Integral unit

Cabinet

Heat rejected to the store

Hot Liquid Line

Hot Gas Line

Air cooled condenser

Compressor

High pressure

Expansion Valve

Low pressure

Cabinet Evaporator

Low temp. liquid

Low temp. gas

Heat captured from frozen food

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Main advantages

Integral technology main advantages are :

- **High efficiency self-contained unit** with new generation **inverter compressor**

- **Full 230 V single phase** plug and play electrical connection, no tri phases installation needed

- **R290A** refrigeration circuit F-Gas complaint and environmental friendly solution

- Large offer of **communicating controllers** compatible with ModBus building management system for an easy integration

- **All features and options of a remote** vertical freezer in a self-contain unit one

- **Every single cabinet is independent** and can be switched off during maintenance operation without negative impact on rest of the linear productivity.

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Product at a glance

GranBering Integral product range

HEIGHT	H20		COMPRESSORS PER CABINETS
DEPTH	COMPACT	NARROW	
2D	April 2019	March 2019	1
2D EOL	N/A	TM	1
3D	April 2019	March 2019	2
3D EOL	N/A	March 2019	2
3D-S EOL	N/A	March 2019	2
4D	N/A	N/A	N/A
5D	N/A	N/A	N/A

H22 version is not available

Main features :

- Flexibility and merchandising of a remote
- High modularity thanks to GranBering multiplexable design
- New dedicated 3 doors S shorter end of line able to fit with small aisles constrains
- Plug and play design of a self contained unit
- Narrow and Compact depth as standard

- Eco friendly natural refrigerant R290
- DC inverter compressor
- Dual circuit evaporator
- High efficiency air cooled condenser
- Smart communicating control
- Easy to install devices

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Store pictures

Multiplexed linears ➜ unique on self contained unit market

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Store pictures

Complete frozen area together with Beluga

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Store pictures

Smart integration with store aesthetics and communication devices

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Store pictures

Back to back linears + End of line ➔ unique on self contained unit market

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Store pictures

3D-S end of line for narrower island makes bigger aisles for shoppers
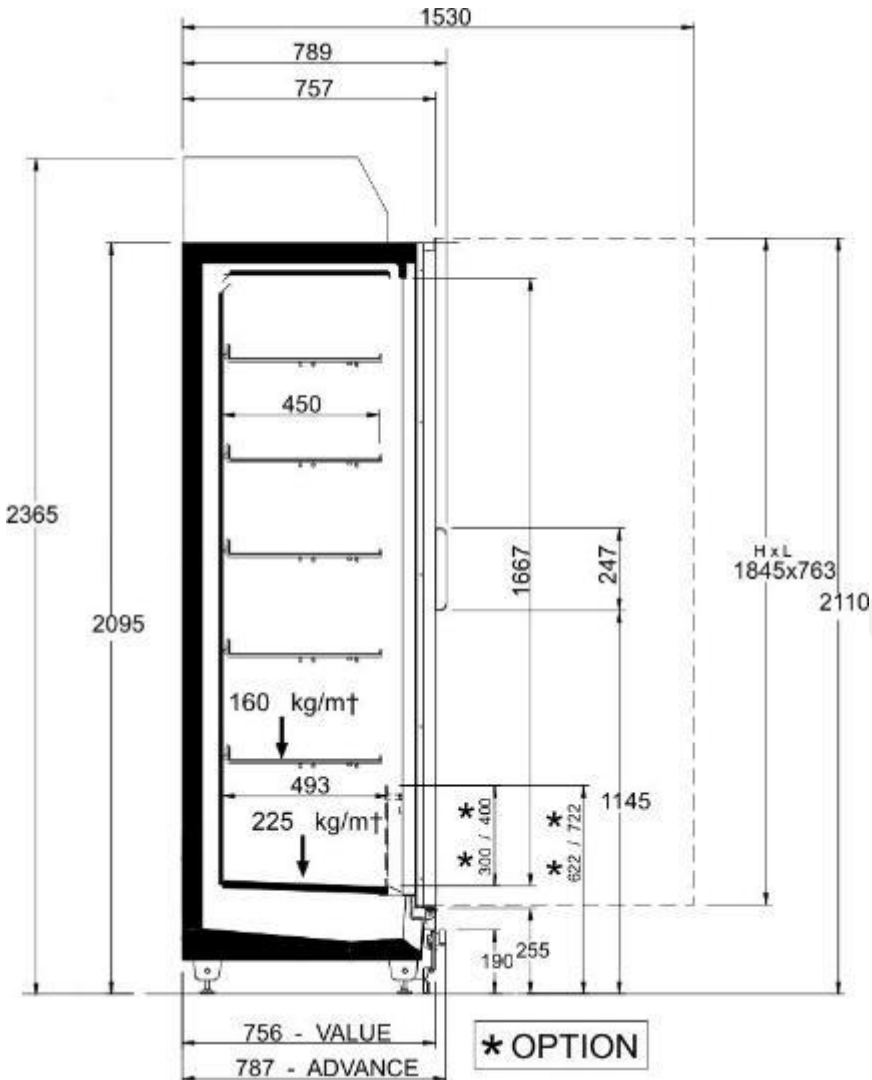
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Store pictures

Compact version optimized for convience stores or small shops

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Dimensions – H20 Compact

Models	L (mm) ⊠ ⊏	L (mm) Glass	Blind	O (m²)	kg Max	V (dm³) 450	TDA (m²) 450
2P	1562	1664	1664	2,3	-	1218,4	2,3
3P	2343	2445	2445	3,5	-	1827,5	3,5

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Dimensions – H20 Narrow
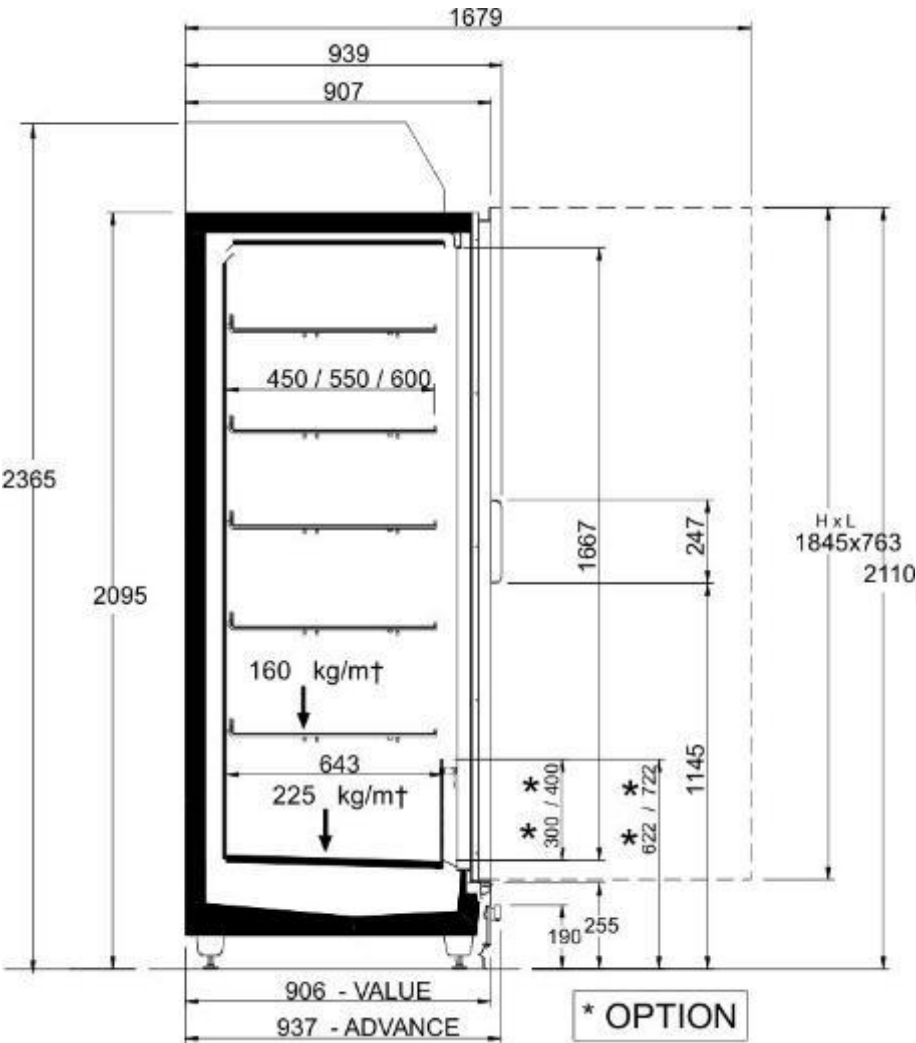
Models	L (mm)	L (mm)		O (m²)	kg Max	V (dm³)			TDA (m²)		
		Glass	Blind			450	550	600	450	550	600
2P	1562	1664	1664	2,3	-	1265,2	1562,0	1606,9	2,5	2,4	2,3
3P-S	1923	2025	2025	2,8	-	1557,6	1923,0	1980,7	3,0	2,8	2,8
3P	2343	2445	2445	3,5	-	1897,8	2343,0	2413,3	3,8	3,6	3,5

COSTAN ❄

epta refrigeration

www.costan.com

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Advanced Solutions
for your Store

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Epta S.p.A. participates in the ECC programme for:
Refrigerated display cabinets (RDC). Check ongoing validity
of certificate online: www.eurovent-certification.com
or using: www.certiflash.com

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