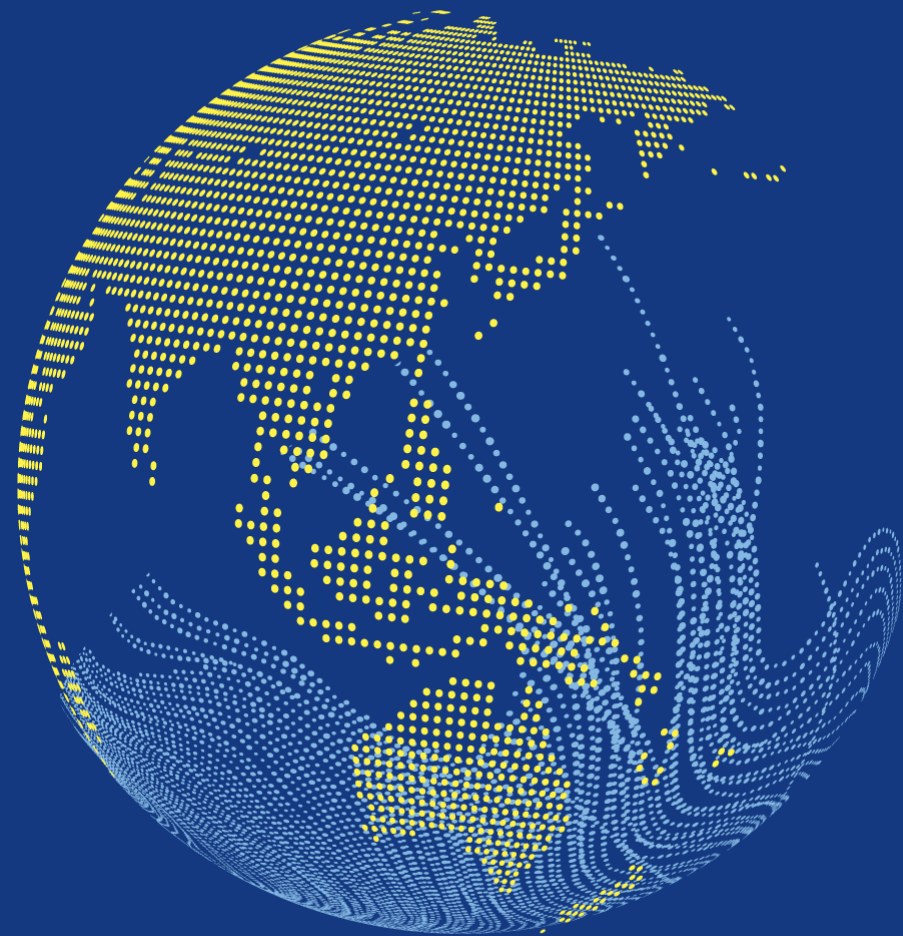




Business Case for
Natural Refrigerants



12/02/2019

TOKYO



**New Solutions Addressing
New Global Market Needs**

Embraco

#GoNatRefs

ABOUT EMBRACO



Present in
80 countries



More than
11,000
employees



11 business units



Production capacity:
37 million
compressors/year



MORE THAN 20 YEARS GLOBAL LEADER IN NATURAL REFRIGERANTS

Compressor market trends: what Embraco foresees...



**Natural Refrigerants
Spread Globally**



**Push for Higher
Energy efficiency**



Inverter Mainstream



Miniaturization

HOW EMBRACO IS ADDRESSING...

**Natural Refrigerants
Spread Globally**

**Push for Higher
Energy efficiency**

**Inverter
Mainstream**

Miniaturization



43%

**Of Embraco Sales in
Commercial
Segment in 2018**

And Natural Refrigerants portfolio in evolution...

**Natural Refrigerants
Spread Globally**

New 2+ HP

NJX

**Product for R290
Expanding Capacity**

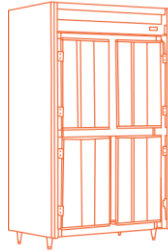


NJX Applications will benefit higher charge limit

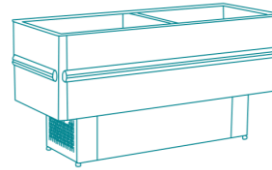
Natural Refrigerants
Spread Globally



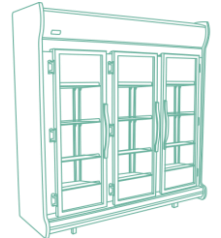
REACH-IN



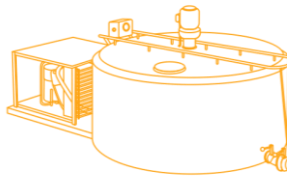
REFRIGERATED ISLAND



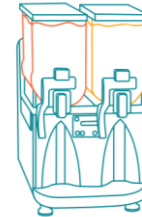
GLASS DOOR MERCHANDISER



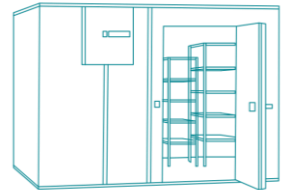
MILK COOLER



ICE CREAM MAKER



WALK-IN COOLER





FMF

Push for Higher
Energy
efficiency

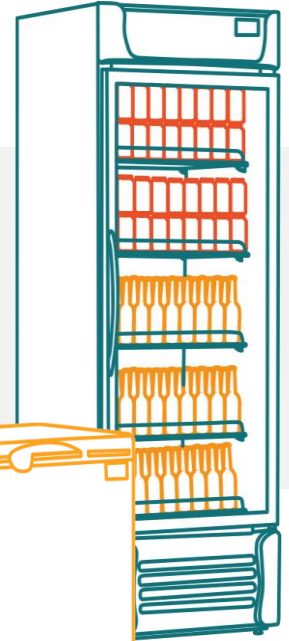
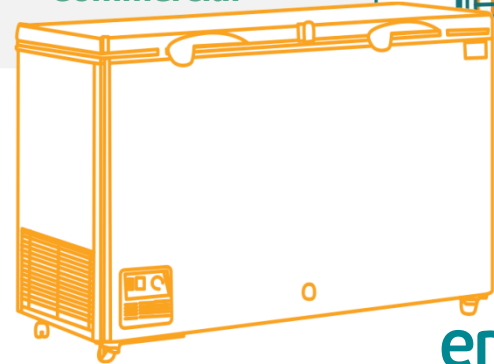
FMF Up to
30%
More efficient
Vs. Current VNE

@ EN12900_HH
@ ASHRAE_LBP

Coming
Soon

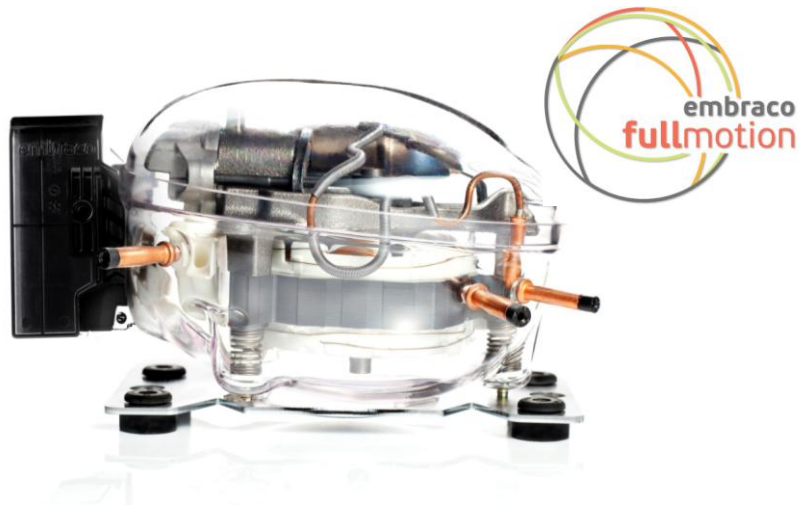
FMFD

MOST EFFICIENT
Compressor for
Commercial

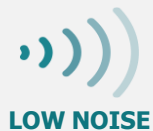


embraco

Inverter Mainstream

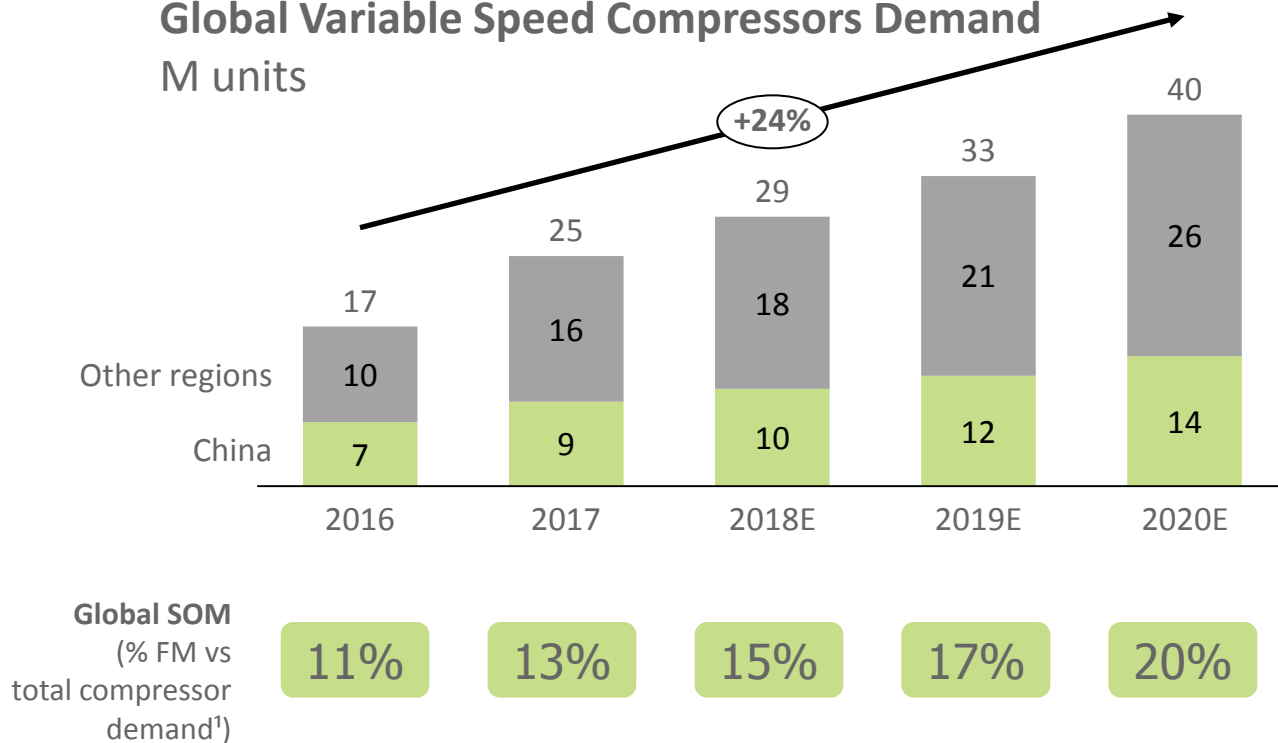


Main Benefits of Fullmotion



Inverter Mainstream

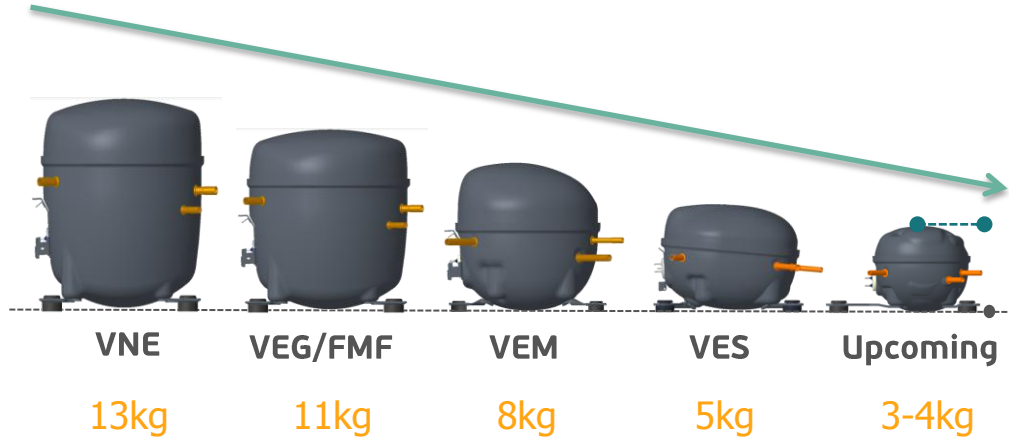
Global Variable Speed Compressors Demand M units



¹ Embraco Business Intelligence estimations

Following global product trend, Embraco brings downsizing for every new series launched

Miniaturization





Business Case for
Natural Refrigerants

**Thank you
for listening.**

