

# Small Format Retail Solution with Natural & Low GWP Refrigerants

Nowadays the use of natural and HFO's blends has become very important especially in retail field. Thanks to its several years of experience, Dixell offers a integrated high efficiency solution for the complete management of all the components of a small supermarket such as heat pump, dry cooler, plug-in cabinets and water condensed display cases.



**Dry-cooler & heat pump control**  
(integration into the brine system)



**Monitoring & control**



**Water condensed display case control**



**Plug-in control for variable speed compressor**

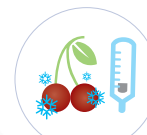
- Refrigerant charge reduction
- Low maintenance & refrigerant leak reduction
- Easy installation and configuration
- Remote management



ENERGY SAVING

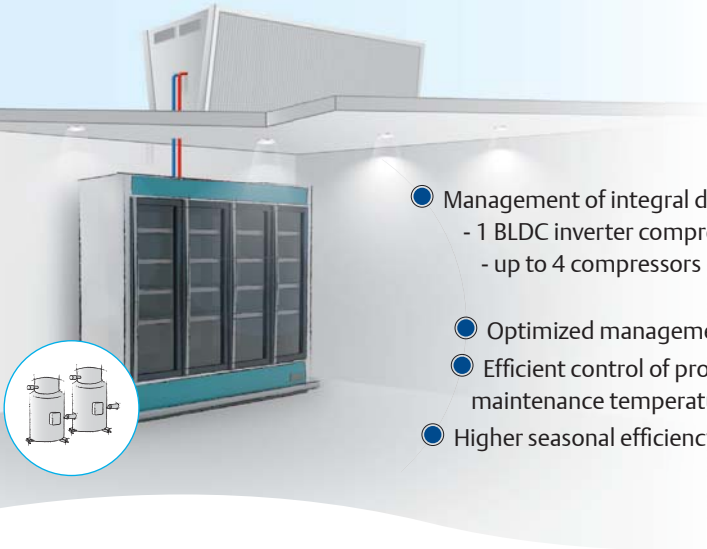


ENVIRONMENTALLY FRIENDLY



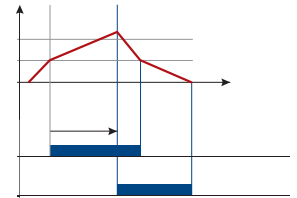
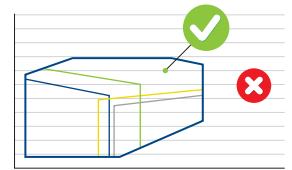
FOOD QUALITY

## Controllers for water condensed display case



- Management of integral display case with:
  - 1 BLDC inverter compressor
  - up to 4 compressors
- Optimized management of EEV
- Efficient control of product maintenance temperature
- Higher seasonal efficiency

XM series



With this solution each cabinet works with its optimized evaporator temperature increasing the energy efficiency compared to the standard remote distributed system.

## Controllers for plug in units with variable speed compressor



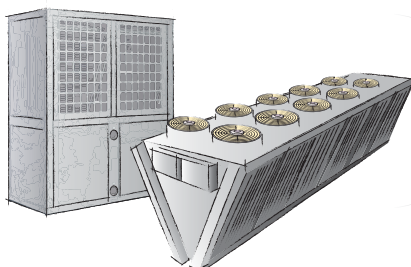
- Single or double compressor
- Frequency/serial control
- Reduction in reactive power demand
- Extended appliance reliability
- Efficient management of product maintenance temperature

**INVERTER  
COMPRESSOR  
MANAGEMENT**

XRi & XWi Series



## Controllers for dry coolers and heat pump units



- Seasonal heat recovery
- Dry cooler management (also with high efficiency EC fans)
- Optimized management of heat pump units

iProCHILL  
& IC200 EVO Series



**Dixell™**

Dixell S.r.l. - 32010 Alpago (BL) ITALY - Z.I. Via dell'Industria, 27  
Tel. +39.0437.9833 r.a. - Fax +39.0437.989313 - EmersonClimate.com/Dixell - dixell@emerson.com

release 1.0 - 1582006450-GB  
All trademarks are property of their respective owners.  
Dixell reserves the right to alter its products without notice. All rights reserved.  
Because environmental conditions are outside of Dixell's control, we cannot assume liability for results obtained nor any damages that may occur due to improper application.  
Manuals and updates are available on our Web Site EmersonClimate.com/Dixell

**EMERSON™**  
Climate Technologies

EMERSON. CONSIDER IT SOLVED.™