



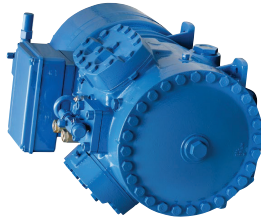
ESK Schultze GmbH & Co. KG — www.esk-schultze.de **ESK Schultze**
Oil Separator

ESK Oil Separators for CO₂ have been available for many years. Today, ESK offers 3 lines of oil separators for different pressure limits:

- » OS...-CD up to 53 bar
- » BOS2...-CDM up to 60 bar
- » BOS3-CDH... up to 130 bar

At this year's Chillventa, ESK Schultze will present its redesigned transcritical series BOS3-CDH for an up to 1000 kW refrigeration capacity.

Hall 5/ 5-219
 talk to **Salim Afalou, Daniel Danne or Thomas Kubitza**



Frascold — www.fracold.it
Fracold TK and SK2

A full range of R744 compressors

Fracold offers a complete line of compressors for all subcritical and transcritical CO₂ applications: cascade systems, booster systems, heat pumps etc. The subcritical SK2 range, 13 models from 1,6m³/h to 34m³/h, can be supplied with a standstill pressure up to 60 bar. Capacity regulation can be achieved with an inverter or by installing the innovative RSH head that permits a 50%-100% regulation on 2-cylinder compressors. The transcritical TK range, displacements from 4m³/h to 26m³/h, includes 11 models optimised for refrigeration applications and 8 models for heat pumps. All compressors can operate with VFD. Frascold products for natural refrigerants also include "ATEX zone 2" AXH compressors for hydrocarbons and open screw compressors for ammonia.

Hall 5 / 5-313 — talk to Vincenzo Isgrò



Rivacold — www.rivacold.com
R744 transcritical split system TH_X

The TH_X, among other solutions presented by RIVACOLD at Chillventa, is the new complete Green system for commercial refrigeration that represents Rivacold's answer for low temperature application using a natural refrigerant. Designed for outdoor installation, the Rivacold TH-X consists of a condensing unit, an evaporator and a control panel. The condensing unit and evaporator are fitted with EC fan motors that, besides saving energy, reduce the overall noise level of the system. Suitable for low temperature cold rooms (from -15°C to -25°C), its refrigerating output is 11,4 kW at a -20°C cold room temperature, corresponding to a cold room volume of about 300m³.

Hall 5 / 5-231; 5-233 — talk to any representative



www.esk-schultze.de

ESK 
Schultze

CHILLVENTA 2014
 Visit us in Nuremberg Hall 5 / 5-219



BLUE goes **GREEN**

Components engineered for CO₂

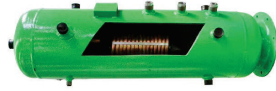
Innovative – Efficient – and highly Reliable

ESK PRODUCTS

QUALITY PRODUCTS FOR COOLING, AIR CONDITIONING AND HEAT PUMP SYSTEMS

MADE IN GERMANY

HALL 6



Klimal by Frigomec S.p.A. — www.frigomec.com
KLIMAL by REC
Vertical Receiver RCO+WT

High pressure CO₂ receiver with internal coil (standstill cooling, flash gas superheating etc.)

Hall 6 / 6-328 — talk to Ruggero Pampanin

Now with 3-digits LED display



HB products A/S — www.hbproducts.dk/en
Sensors for NH₃ & CO₂

The HBLT-Wire, which was introduced to the market in November 2013, now has a 3-digit display installed as standard. The HBLT-Wire is used for level measurement in liquid separators etc. and is characterised by the following product advantages:

- » Flexible measurement area, 300-4000 mm, which can be adjusted on location or can be delivered shortened to the desired measurement area
- » Very small built-in height <200 mm
- » No deadzone, either at the top or bottom
- » Requires no calibration
- » Analogue output 4...20 mA and programmable alarm output (PNP)
- » 3-digit display

Hall 6 / 6-334 — talk to Mark Kristensen



Sensata Technologies — www.sensata.com
Pressure Sensors for natural refrigerants

Features and benefits:

- » Pressure sensors and switches for CO₂, ammonia, propane and others
- » ATEX standard pressure switches
- » Hermetic sensors for withstanding harsh conditions
- » Fully stainless steel offerings available
- » Enhanced accuracy with high reliability over a very wide range of pressures
- » Exceptional shake and vibration tolerance
- » Pressure+Temperature sensor available in one package
- » Precise super heat measurement

Applications: Beverage coolers, supermarkets/light commercial cooling systems, commercial & industrial cooling systems, air conditioning, heat pumps

Hall 6 / 6-428 — talk to Ateeth Rayapeddi



shecco — www.publication.shecco.com
GUIDE+

shecco's new publication "GUIDE+ HFC taxes & fiscal incentives for natural refrigerants in Europe" provides a comprehensive overview of existing and proposed fiscal measures in key European countries, aimed at reducing the use and emissions of HFCs in HVAC&R sectors while encouraging the switch to climate-friendly technologies. The measures reviewed in this publication vary from environmental taxes on HFCs, in line with the polluter pays principle, to grants and enhanced tax relief schemes for investments in climate friendly technologies at the national as well as the regional level.

For just €300* (discounted from original price €500), gain a competitive edge and find out all that you need to know on the policy support and tax schemes available for your business.

Hall 6 / 6-230 — talk to Janet Thompson



16-17 March 2015 in Brussels

shecco — www.atmo.org
ATMOSPHERE Europe 2015

ATMOSPHERE Europe, the annual meeting place for key industry stakeholders to discuss the latest natural refrigerant technologies, market trends and regulatory issues in Europe is back for its 6th edition! With the new EU F-Gas Regulation scheduled to come into effect two months before the conference kicks off, ATMOSPHERE Europe 2015 "Natural Refrigerants - Solutions for Europe" will provide updates on the legislation and its implementation. The conference will also be covering a mix of applications from commercial and light commercial, industrial and transport refrigeration to heat pumps and air-conditioning.

For Chillventa participants only: Extension of the ATMOSPHERE Early Bird Special (€500). Come and register at our booth!

Hall 6 / 6-230 — talk to Janet Thompson



Tecumseh Europe — www.tecumseh.com
AJ²

"AJ², built for today, ready for tomorrow."

Throughout its history, Tecumseh Products Company has been a leader in providing customers with efficient and reliable products for commercial refrigeration. AJ is the commercial refrigeration standard recognised worldwide for its reliability and acoustic performance. Tecumseh keeps on optimising its ranges globally and has developed the AJ² range. Tecumseh launched the new AJ² platform, built for today as an answer to market expectations in terms of interchangeability, compactness and silence, and ready for tomorrow, as this platform is able to meet the upcoming environmental challenges by using an HC refrigerant (R290). The AJ² delivers best-in-class efficiency, a wide range and a smaller size envelope, as well as Tecumseh's industry standard for reliability.

Hall 6 / 6-130 — talk to Emilie Bretonniere