

The Inside Story on



Centrifugal Enclosure



NEMA Type 3 Enclosure



NEMA Type 4 Enclosure

Engineering Excellence.

What We Do

Our Vision

MCS goes the extra mile in designing high efficiency control systems that incorporate the latest in energy technology. Why? Because at MCS, your bottom line is our top priority.

The company was founded to meet the needs of the Utility and HVAC/R Industries with products based on the following design criteria:

Quality & Service

Cost Effectiveness

Ease of Use

Micro Control Systems designs and manufactures microprocessor based controllers for the hostile environment of the HVAC/R industry.

Our product line also includes a wide variety of peripheral devices to complement our controllers including temperature, pressure, humidity and current sensors, as well as custom support software for Windows-based pc's that allow the user to monitor and interact with the controller from anywhere in the world.

MCS is the North America distributor of Hanbell Screw Compressors.

(see other side of this flyer)

The founders of MCS have been in the computer industry their entire careers and have over eight decades of combined HVAC/R Microprocessor controls experience.

Our vision is to continue to be a leader in the development of micro controls and peripheral devices which complement our controllers for the HVAC/R industry.



5580 Enterprise Pkwy., Fort Myers, FL 33905

Office: (239) 694-0089 • Fax: (239) 694-0031 • www.mcscontrols.com

SCREW COMPRESSORS

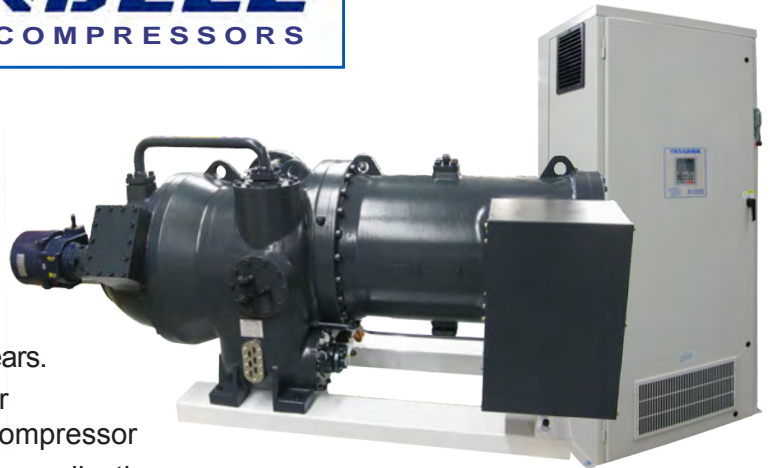


HANBELL
SCREW COMPRESSORS

RT Centrifugal Compressor Features

11 MODELS RANGING 550 to 1400 TONS

- High efficiency motor and dedicated to refrigerant R134a
- COP - the highest-efficiency centrifugal compressor for HFC-134a in the market.
- Built-in oil pump for better lubrication of bearings and gears.
- Fewer rubbing parts, energy efficient and with higher refrigerant flow than a similarly sized reciprocating compressor
- Lower discharge temperature and higher COP due to application with economizer and sub-cooler.



RT Centrifugal Compressor

RC2 Screw Compressor Features

26 MODELS RANGING 15 to 500 TONS

- Quiet Operation
- High and Low Temp Application
- Multiple Refrigerant Application
- VFD Compatible
- Serviceable Oil Filter



RC2 Screw Compressor



RG Screw Compressor Features

5 MODELS RANGING 65 TONS to 380 TONS

- Flange-on (with bracket) or aligned (without bracket) motor mounting
- Balanced mechanical seal
- Liquid injection to chamber for additional cooling
- Discharge temperature sensor as protection
- Dual capacity control
- Durable bearing structure for radial and axial resistance



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