



Progress Supply Inc.

The

Progress Report

Helpful information for HVAC/R & Controls Contractors from Progress Supply Inc.

NOW. . .A COMPLETE SOURCE FOR ALL HVAC PRODUCTS AND COMPONENTS

In a dramatic move toward the future, **Emerson Climate Technologies** now offers its broad range of customers access to the most sophisticated climate control technology available. As you may know, Emerson products are used throughout the world in commercial and transport refrigeration systems, residential and commercial air conditioning systems, and industrial and residential ventilation applications.



BREAKTHROUGH INNOVATIONS

What you may not know is that **Emerson Climate Technologies** is now the leading manufacturer of HVAC components in the world, delivering comprehensive solutions for temperature-critical applications across numerous industrial and residential applications. They combine technically superior products from industry leading divisions — such as Copeland, Emerson Motors, White-Rodgers and Flow Controls — along with engineering, design, distribution, installation and monitoring capabilities, for unquestionably reliable climate systems. These industry-defining, proprietary technologies provide customers with the competitive advantage of the most advanced, environmentally-friendly climate control systems available.

INTEGRATED SOLUTIONS

With **Emerson Climate Technologies**, you have the best-in-class products, combined with world-class engineering and services for a complete climate control solution. They have everything you require for the most advanced systems, including supermarket remote monitoring systems necessary for increased health and safety, e-learning programs for contractors and a complete design service solution for companies wishing to outsource design engineering work.

INDUSTRY EXPERTISE

Emerson Climate Technologies is a market leader in the HVAC industry, delivering superior solutions in virtually every aspect of climate control engineering and manufacturing, spanning industrial, commercial and residential applications of air conditioning, refrigeration and heating.

SUPERIOR TECHNOLOGY

Through the universal resources of the Emerson Advanced Technology Centers and Emerson Technology Councils, their divisions have introduced climate solutions that have revolutionized the HVAC industry.

PROGRESS SUPPLY ON BOARD

Now, you can find the latest HVAC news, market updates and training opportunities in one place because **Progress Supply, Inc.** has been designated an Emerson Climate Technologies wholesaler. For more information on this breakthrough concept, you can log on to **Emerson Climate Technologies Contractor Connection** at www.emersonclimatecontractor.com or simply contact your local Progress Supply Technical Specialist.

THE PROGRESS REPORT

MAY, 2004

IN THIS ISSUE

This is a special issue devoted exclusively to the Emerson Climate Technologies Division, now the leading manufacturer of HVAC components in the world, and Progress Supply's role in providing you with a source for all these products and components.

A SAMPLING OF PRODUCTS FROM EMERSON CLIMATE TECHNOLOGIES AVAILABLE AT PROGRESS SUPPLY

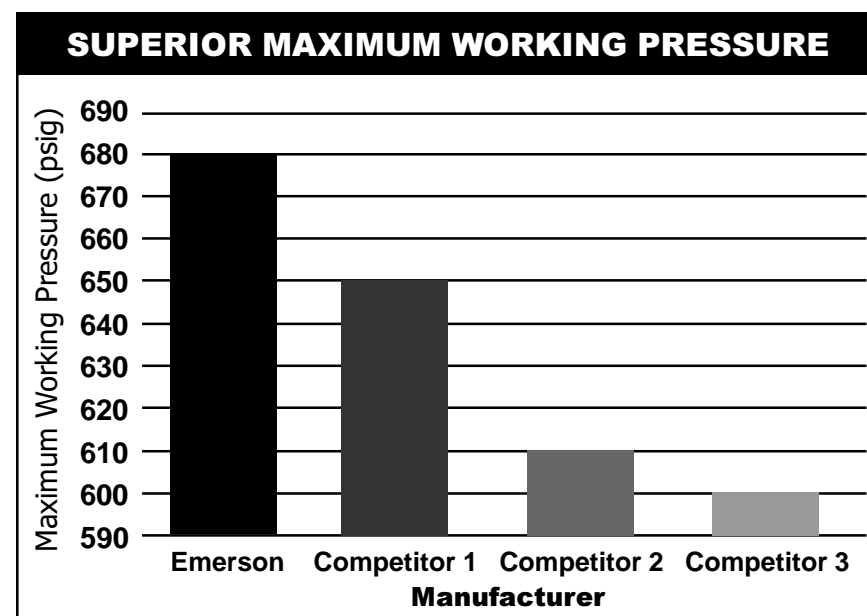
HERMETIC MOISTURE INDICATOR

Every commercial refrigeration and air conditioning system you install will eventually need maintenance, along with a new moisture indicator. And while there are plenty of brands to choose from, there is only one moisture indicator that incorporates breakthrough technology to reduce costly overhauls. **The Hermetic Moisture Indicator (HMI)** from Emerson Climate Technologies Flow Controls Division (formerly Alco Controls).

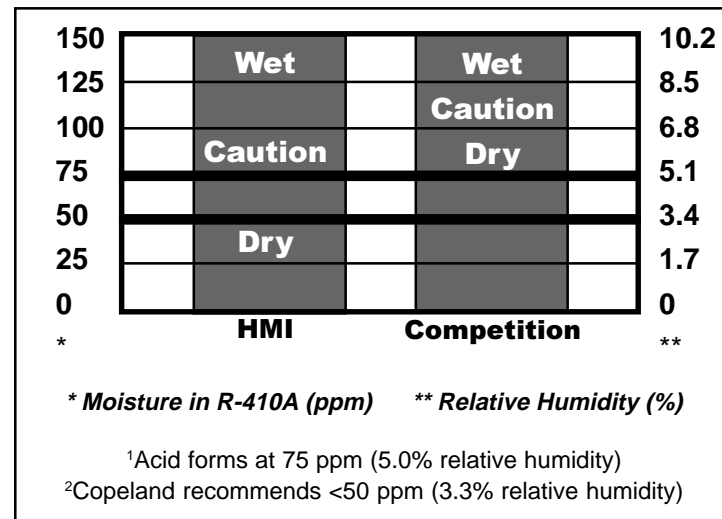
What makes Emerson's moisture indicator better? Early detection. The HMI's patented wafer dial uses a three-step gauge to detect moisture at 3% relative humidity (RH) — giving you plenty of time to make necessary adjustments before any damage is done. Ordinary indicators use a two-step paper gauge that only detects moisture at 10% RH — a level that is more than enough for corrosive acids to build up and totally destroy a system.

The added moisture sensitivity of the HMI makes it ideal for nearly every refrigerant available — from HCFCs to new higher-pressure HFCs (including R-410A). In fact, the HMI is available with both ODF and SAE connections and is the only moisture indicator UL-approved to 680psig. So, even as your customers' systems undergo mandated changes in the next few years, the HMI you install today will work with the refrigerants of tomorrow. **Earlier indication, better design, more reliability — the Emerson Climate Technologies Hermetic Moisture Indicator.**

THE EXTRA KLEAN (EK) FILTER DRIER



Emerson's EK Filter Drier can withstand a higher working pressure than any other filter drier on the market.



Only Emerson's HMI indicates harmful moisture levels in an R-410A system before damage is done.

When it comes to the refrigeration systems you install and maintain, what matters most? It's keeping them running at peak efficiency. Keeping your reputation intact and your customers satisfied. It's choosing superior filtration technology that delivers more reliable, longer-lasting protection from moisture and contaminants.

The **EK Filter Drier** provides measurably superior filtration of contaminants, drying of the refrigerant and removal of acids versus any other filter drier on the market, making it ideal for both refrigerants of today and tomorrow. The difference is that synthetic polyol ester (POE) oils are protected from contaminants by the unique beaded desiccants.

POE oils absorb up to 20 times more moisture than ordinary mineral oils. So if moisture reaches the EK Filter Drier, it is quickly absorbed and removed before acids can form. The EK Filter Drier is buffered by an initial 40-micron fiberglass filter to remove most of the solid contaminants and sludge, and a 20-micron final filter to remove any remaining contamination. This ensures that the refrigeration system will stay cleaner, longer than ever before, with a minimal pressure drop in the filter drier.

With the industry shifting to higher-pressure environmentally friendly refrigerants, it's vital to use a filter drier that has operational flexibility. Whether you are using HCFC or CFC refrigerants, or newer HFCs (including R-410A), the EK Filter Drier has a variety of models to meet all your filtration needs. Plus, it has been shown to provide at least 25% more moisture capacity than any core-style filter.

MULTI-HORSEPOWER REPLACEMENT MOTORS

Now, you will always have a motor when you need it. Emerson **RESCUE Multi-Horsepower Replacement Motors** from Emerson replace a variety of different horsepower applications.

RESCUE will eliminate the need for temporary substitutions, extra driving time to get the right motor, or emergency openings in the evening. You may not know what kind of motor you will need, but with RESCUE motors on hand, you will know you will have one that will work.

Available are furnace motors, condenser fan motors, and direct drive fan and blower motors in a wide range of horsepower and RPM ratings for both heating and cooling applications.



Emerson Climate Technologies Divisions

★ UNITARY AIR CONDITIONING

Air Moving Motors
Copeland Corporation
Flow Controls
Fusite
Hermetic Motors
Therm-O-Disc, Inc.
White-Rodgers

★ LIGHT COMMERCIAL AIR CONDITIONING

Air Moving Motors
Copeland Corporation
Computer Process Controls
Flow Controls
Fusite
Hermetic Motors
Retail Services
Therm-O-Disc, Inc.

★ COMMERCIAL/ INDUSTRIAL AIR CONDITIONING

Air Moving Motors
Design Services Network
Emerson Power Transmission
Flow Controls

★ VENTILATION

Air Comfort Products Division
Air Moving Motors
Emerson Ventilation Products

★ HEATING

Air Moving Motors
Therm-O-Disc, Inc.
White-Rodgers

★ REFRIGERATION

Air Moving Motors
Copeland Corporation
Computer Process Controls
Design Services Network
Flow Controls
Fusite
Hermetic Motors
Retail Services