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RIGHT HERE – RIGHT NOW!



➔ REFRIGERATION DRYERS

INTELLIGENT AIR TECHNOLOGY

➤ F Series refrigeration dryers are the final result of an intensive research and development programme.

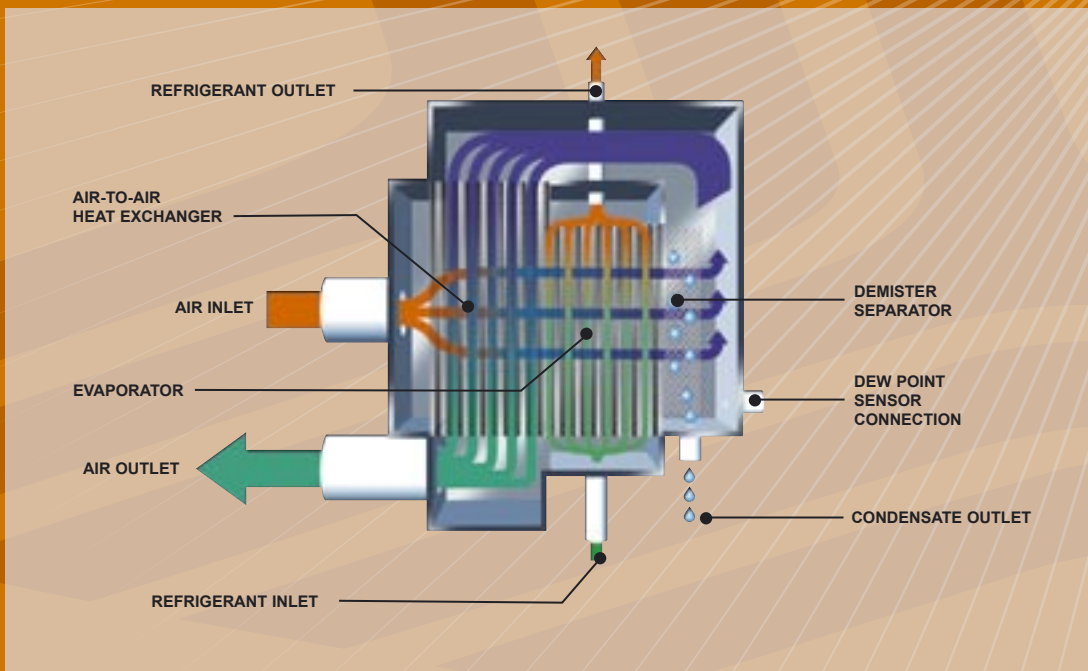
The result is the new benchmark in Refrigeration Dryers, ensuring optimum performance, and guaranteed dew points. Environmentally friendly refrigerants and insulation are standard across the range and all the dryer materials have been carefully selected for their recyclability.

consumption. For example, a 2% reduction in working pressure results in a 1% saving in compressor energy costs.

➤ THE HEART OF THE DRYER

The heart of the dryer is the ultra-compact module that includes an air-to-air heat exchanger, evaporator and service-free demister separator. The dryer is excluded from pressure vessel approvals, ensuring trouble-free installation worldwide. Furthermore, refrigerant charges have been reduced by 20%, benefiting the environment.

Larger models feature up to 6 exchanger modules. This unique feature improves delivery times and allows drastic reductions in maintenance costs as only a single module needs to be substituted in the unlikely event of a fault.



⇒ TOP PERFORMANCE AND PEACE OF MIND

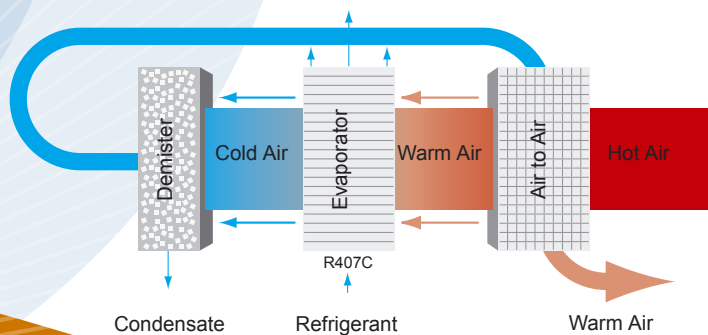
A modulating hot-gas by-pass valve ensures optimum dew point control under all operating conditions.

The pressure actuated control immediately reacts to variations in airflow guarantee the dew point. All models are available up to 12 bar g (16 bar g standard up to 3m³/min; up to 50°C ambient and 60°C compressed air temperatures, ensuring optimum performance whatever the application.

⇒ EASY TO INSTALL AND OPERATE

With frontal access to all major components, positioning the dryers is simple. All models are fitted with an effective condensate drain (electronic drain on request), positioned in a protected niche.

The air connections perfectly match CompAir's Filters and the optional air by-pass with integrated pre-filter allows for quick installation.



⇒ ADVANCED YET SIMPLE DESIGN

Scroll compressors (from 11m³/min) significantly reduce power consumption, avoid pulsations, and reduce noise levels. The design allows for the elimination of the crankcase heater, ensuring fail-safe start-up and operation.

The field-tested electronic control (from 11m³/min) features alarms with fault history, remote control, hour counter and alarm/warning contacts.

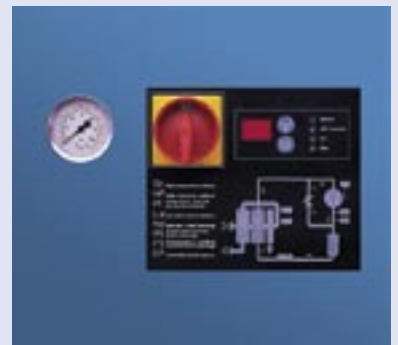
⇒ PROTECTS YOUR INVESTMENT

All models are protected from overheating or excess current within the compressor. Further protection is offered by a fan pressure switch, high pressure switch on models from 1.73m³/m and a high pressure thermostat for models 11m³/min and above. In addition a low pressure gauge (from 11m³/min) monitors the refrigerant pressure, a key indicator to the dryer's health.



INNOVATIVE

Scroll compressors considerably reduce the absorbed power and noise level, without compromising performance.



PRECISE

The control panel is positioned on the front for simple use and also for a visual guarantee of a constant pressure dew point.



EFFICIENT

The timed electrical condensate drain is positioned in a protected niche.



UNDER CONTROL

A by-pass regulator controls the cooling capacity, precisely controlling the refrigeration circuit containing CFC-free and ozone-friendly gas.

INTELLIGENT AIR TECHNOLOGY



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CompAir Policy is one of continuous improvement and we therefore reserve the right to alter specification and prices without prior notice. All products are sold subject to the Company's conditions of sale.

