

# REFRIGERANT AIR DRYERS

FX 1-21



*Atlas Copco*



# AIR TREATMENT, A CRUCIAL INVESTMENT

## WHY YOU NEED QUALITY AIR

Compressed air contains oil, solid particles and water vapors. Together, they form an abrasive, often acidic, oily sludge. Without air treatment, this murky mix will enter the compressed air system, corroding pipe work, damaging pneumatic tools and potentially compromising final products.



## THE COST OF POOR AIR QUALITY

Untreated compressed air can cause substantial problems and costs:

- Your air tools have less power, more failures and, ultimately, a shorter lifetime.
- Materials and products that come into contact with untreated air run the risk of contamination or damage.
- Compressed air pipe work will corrode, leading to leaks. For example, a small 3 mm leak causes a 3.7 kW per year loss. That means a waste of an estimated €1800.

# ATLAS COPCO QUALITY AIR, THE SMART CHOICE

## ATLAS COPCO FX: DEPENDABLE DRY AIR

To avoid condensation, compressed air must be dried. The Atlas Copco FX refrigerant dryer is a reliable, cost effective and easy to use solution. Available in 22 sizes (7-1236 l/s or 14-2516 cfm), the FX offers a pressure dew point as low as +3 °C/+37.4 °F for a wide range of applications and industries. The dryer can be used at different pressures and consumes hardly any processed compressed air.

## A COMPLETE QUALITY AIR SYSTEM

Atlas Copco offers complete quality air systems that provide the clean, dry air that supports your operational needs.



## FX: THE BENEFITS ADD UP

- Strong performance.
- Pressure dew point display.
- Straightforward reliability.
- Easy installation.
- Minimal maintenance.
- Significant cost savings.



## A NAME YOU CAN TRUST

For more than 100 years, you have turned to Atlas Copco for the better compressors in the business. Our commitment to your operational objectives doesn't end there. Atlas Copco air treatment equipment is developed and tested in-house to offer you quality air with accuracy, reliability and efficiency. Why compromise using third party add-ons when you can extend the Atlas Copco peace of mind to your entire compressed air system?

# FX

## REFRIGERANT DRYERS

### Quality air made easy

#### PRESSURE DEW POINT PRECISION

The FX comes in a wide range of sizes (7-1236 l/s or 14-2516 cfm) to offer a steady pressure dew point as low as +3 °C/+37.4 °F. Its easy to use digital display precision-measures and monitors the pressure dew point and dryer performance.



#### NEW: DIGITAL DISPLAY

- Pressure dew point: exact measurement and visual monitoring.
- Status: refrigerant compressor and fan.
- Alarms: high/low pressure dew point and probe failure.
- Service warning.

#### RELIABLE

Built according to the stringent Atlas Copco standards, the FX is made of high quality, generously sized components.

#### HOT ENVIRONMENTS

High ambient temperatures can put your equipment to the test. The FX range offers several high temperature models that ensure dependable performance in conditions up to 46 °C/115 °F.

Digital display: provides peace of mind through precise monitoring of pressure dew point.

Compact design for a small footprint.



Refrigerant separator: no chance of moisture entering the compressed air system.

Single electrical connection: allows for plug-and-play installation.

Hot gas bypass: ensures stable pressure dew point and eliminates the possibility of condensate freezing.

Easy access to key components for straightforward servicing.

Water separator: offers high efficiency for better pressure dew point.

#### YOUR CHOICE: STANDALONE OR INTEGRATED?

The FX comes as a standalone dryer and as part of the full feature version of many Atlas Copco compressors. Which one is best for you? It all depends on your requirements and priorities ...

##### Separate dryer:

- Plug-and-play installation.
- Single electrical connection.
- All units pre-commissioned.
- Self-regulating.
- Pressure dew point display with high/low pressure dew point alarm and status of refrigerant, compressor and fan.

##### Full feature:

- Saves space when footprint is a priority.
- Compressor and air treatment components are designed, built and tested to work together to provide optimal quality air.

#### SIGNIFICANT COST SAVINGS

- Increased reliability and lifetime of tools and equipment.
- Reduced pipe work leaks and thus a lower energy bill.
- Less equipment breakdowns and operational interruptions.
- Minimal chance of product damage as a result of moisture carryover.



## ***COMMITTED TO SUSTAINABLE PRODUCTIVITY***

We stand by our responsibilities towards our customers, towards the environment and the people around us. We make performance stand the test of time. This is what we call – Sustainable Productivity.



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Designs and specifications are subject to change without notice or obligation.  
Read all safety instructions in the manual before usage.

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