

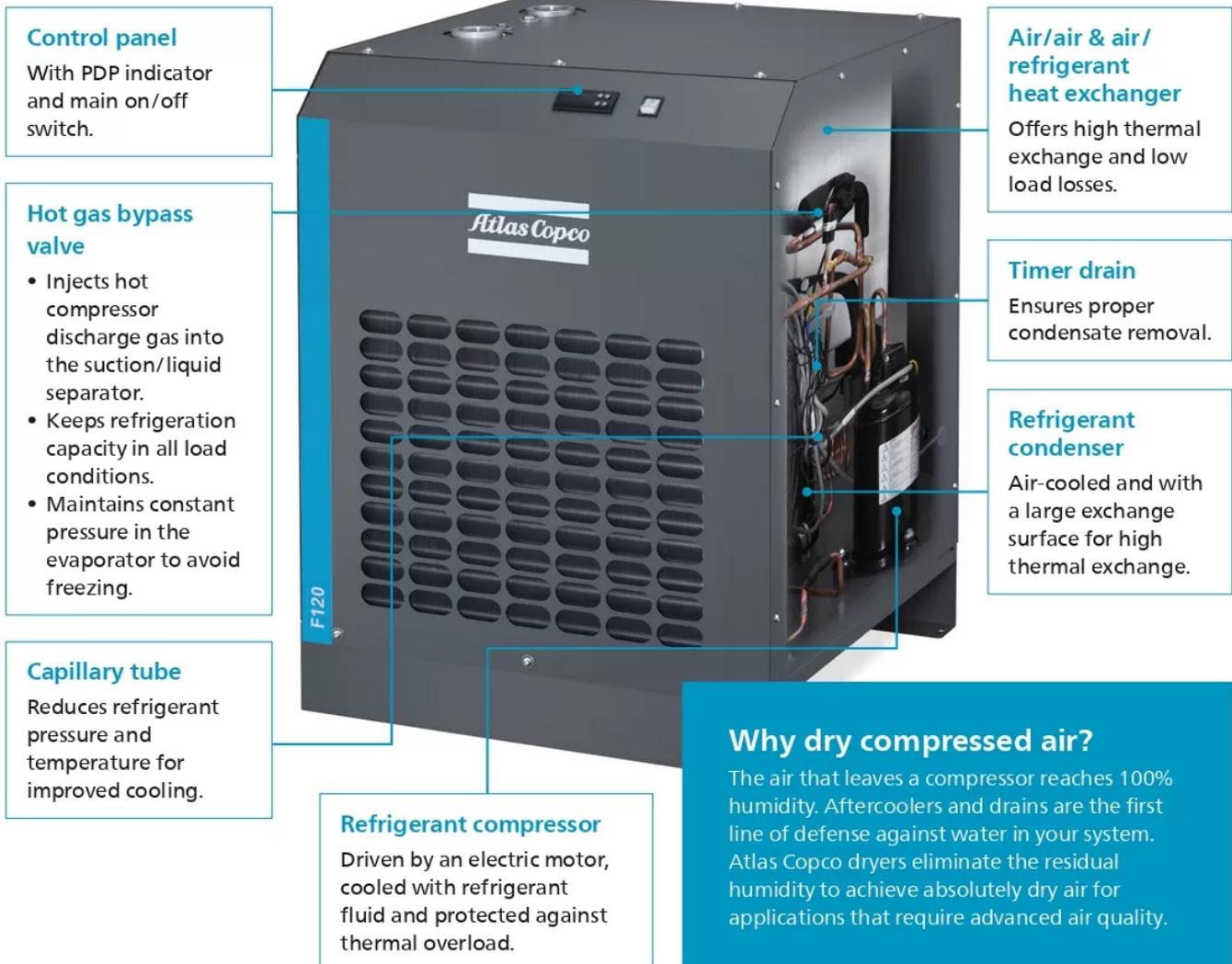
Atlas Copco

Compressed air dryers

F-series refrigerant dryers

The compact & efficient dry air solution

Atlas Copco F-series refrigerant dryers keep your compressed air system in optimal shape, removing humidity efficiently and reliably. With a stable pressure dewpoint as low as 7°C, these compact, low-maintenance dryers are compatible with most compressor technologies and applications.



Control panel

With PDP indicator and main on/off switch.

Hot gas bypass valve

- Injects hot compressor discharge gas into the suction/liquid separator.
- Keeps refrigeration capacity in all load conditions.
- Maintains constant pressure in the evaporator to avoid freezing.

Capillary tube

Reduces refrigerant pressure and temperature for improved cooling.

Refrigerant compressor

Driven by an electric motor, cooled with refrigerant fluid and protected against thermal overload.

Air/air & air/refrigerant heat exchanger

Offers high thermal exchange and low load losses.

Timer drain

Ensures proper condensate removal.

Refrigerant condenser

Air-cooled and with a large exchange surface for high thermal exchange.

Why dry compressed air?

The air that leaves a compressor reaches 100% humidity. Aftercoolers and drains are the first line of defense against water in your system. Atlas Copco dryers eliminate the residual humidity to achieve absolutely dry air for applications that require advanced air quality.