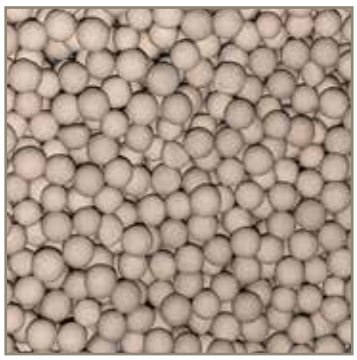


Antares Plus-E

Green Hybrid Technology
Low Energy Dryer

Parker

ENGINEERING YOUR SUCCESS.

Flexibility and Profitability Combined

Highly efficient and highly effective, the Parker Antares Plus-E hybrid technology dryer integrates the principles of refrigeration and adsorption into a single compact compressed air treatment package for a more green, eco-friendly, flexible, low maintenance, economic drying solution.

The Antares Plus-E series offers an innovative family of hybrid compressed air dryers with flow rates from 6 to 34 m³/min with optional add-ons, enabling each system to be tailored to specific operational requirements. Combined with low energy consumption, this unique adaptability allows the Antares Plus-E hybrid technology to deliver a cost-effective solution across a wide range of industrial and processing applications – from food and beverage to pharmaceuticals, to material forming and handling.

High quality air, low operating costs

Backed by Parker engineering excellence, you can trust Antares Plus-E hybrid dryers to efficiently and consistently deliver high quality compressed air.

Compared to non-hybrid drying solutions, an ATT+ hybrid technology dryer operates at lower operating costs thanks to its superior energy efficiency, high flexibility and low maintenance requirements allowing a return on investment in less than 2 years.

Antares Plus-E Hybrid Technology

1 **Refrigerant Stage**
Heat Exchanger

2 **Adsorption Stage**
Desiccant Dryer

ATT+ 060/090
Flow Rate: 6 to 9 m³/min

ATT+ 140/260/340

Flow Rate: 14 to 34 m³/min

High efficiency

The Parker Antares Plus-E dryer family has been engineered to optimise energy efficiency, with a very low purge air consumption, less overall power consumption and stable outlet pressure dew points. This unique combination of refrigeration and adsorption technologies delivers a reduction in running costs of up to 60%, compared with non-hybrid desiccant dryers, resulting in approximately 15% more clean, dry air downstream.

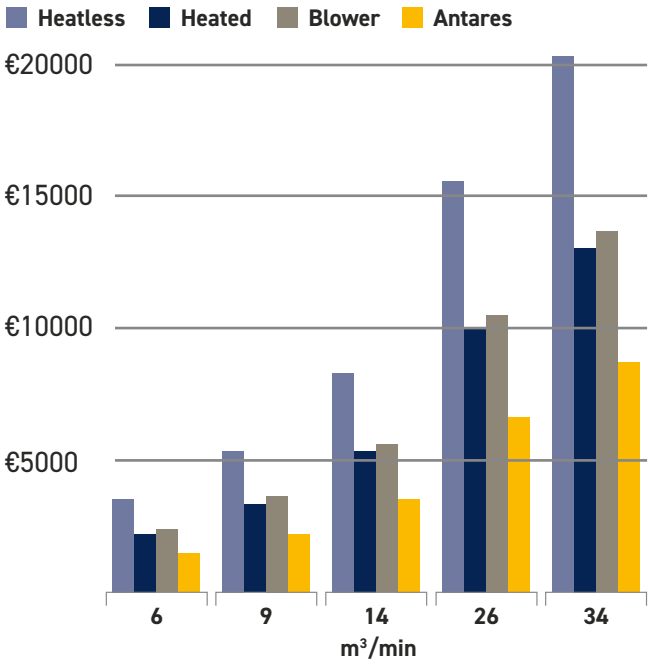
High flexibility to meet changing needs

Energy saving technology (EST) is incorporated into every Antares Plus-E dryer, ensuring efficient delivery of high quality air, even at low consumption levels. With the addition of an optional bypass feature, ATT+ series dryers are fully equipped to meet seasonal demands, easily adjusting to changes in dew point requirements.

Low maintenance

Parker Antares Plus-E hybrid dryers have been engineered for lower maintenance, longer operational life and reduced downtime. Less desiccant is required to fill the compact desiccant vessel, making refill less costly; and a longer desiccant lifetime means extended service intervals, reduced maintenance costs and increased operational uptime.

Annual energy operating cost



Data assumes nominal conditions, 6000 operating hours per year, 0.12€/kWh utility rate, compressor generation efficiency of 5.5 kW/m³/min.

Accuracy and Reliability Combined

1

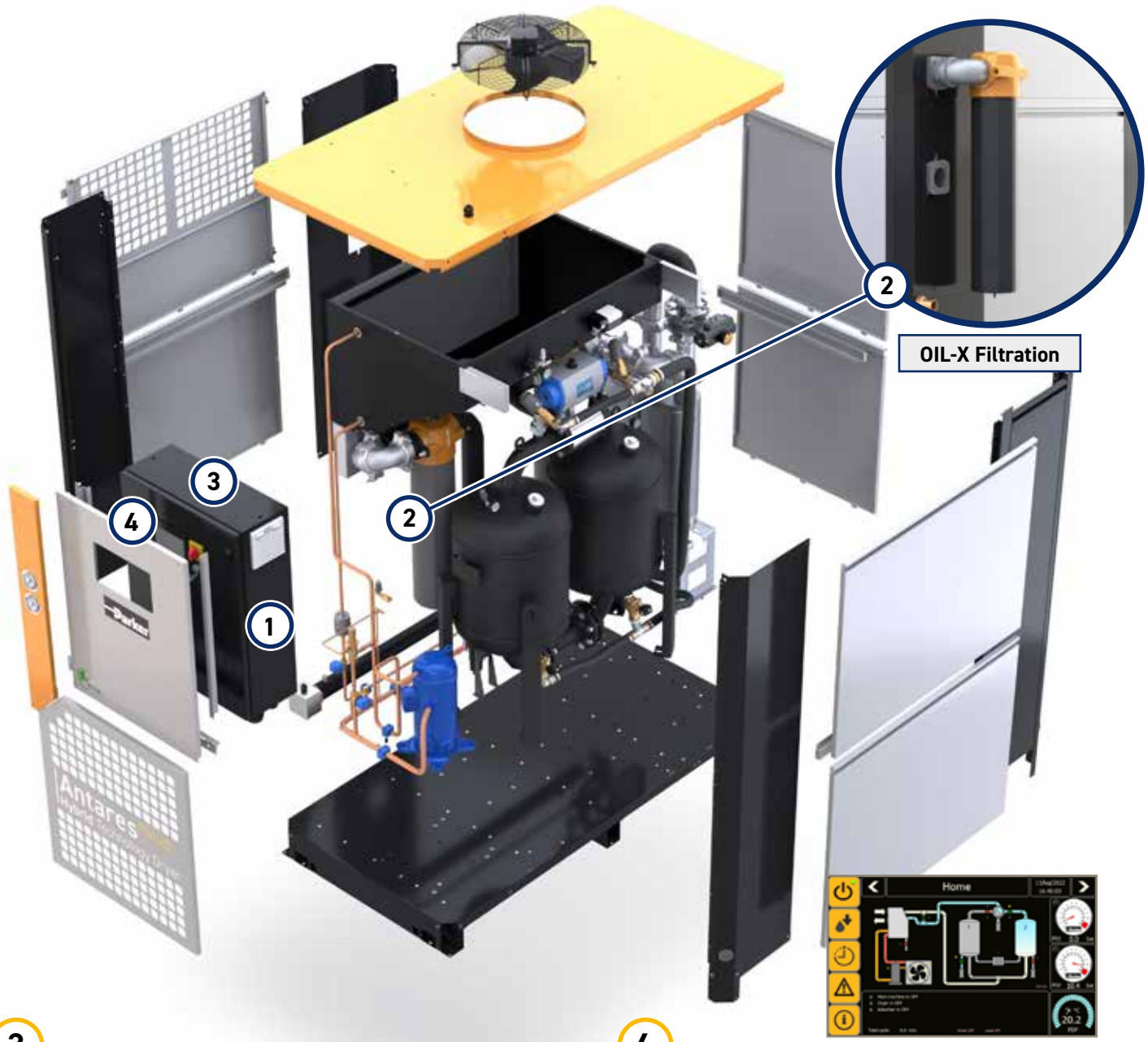
Energy Saving Technology (EST)

A standard feature on all models, it automatically adapts the dryer operation to the ambient inlet conditions, and compressed air demand. Ensuring optimum energy consumption and full utilisation of the desiccant material.

2

Integrated OIL-X Filtration

Three ISO-12500 validated OIL-X filters integrated high performance filters ensure high process safety; located prior to the refrigeration circuit, and pre and post adsorption stage.



3

Industry 4.0 and IoT Ready Product

All ATT+ models are equipped with MOD BUS RTU and TCP/IP remote communication protocol, local web server available on every model.

4

7” Touchscreen Display

Touch screen display on all ATT+ models, providing indication of compressed air dew point, service reminder, data log/retrieve via USB, alarm history, fridge and adsorption section functioning.

5

Integral Electronic Capacitive Comdensate Drain

Fitted as standard on all models, condensate drains ensure higher system efficiency, so no compressed air is wasted.

6

Dryers Status Indicators

Visual LED strip operational status indicator and high pressue / low pressure gauges on all models.

Antares Plus-E green hybrid technology, provides maximum control over your compressed air treatment system, with a lower total cost of ownership than traditional desiccant dryers.

It's an efficient and effective combination of refrigeration and adsorption technologies, so you can be confident of delivering quality compressed air with economy. Improving the productivity and profitability of your business and taking care of the environment.

Optional Extras

Bypass for Seasonal Operation

Enabling the Antares Plus-E family to save additional energy by meeting dew points above zero in summer using only the fridge section, and below zero in winter using the tandem configuration.

Ambient Temperature Probe

For accurate dew point suppression and/or automatic activation of seasonal bypass.

Water Cooled Version

For models ATT+260 and ATT+340 a water cooled variant is available upon request.

Please contact us for further details.

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