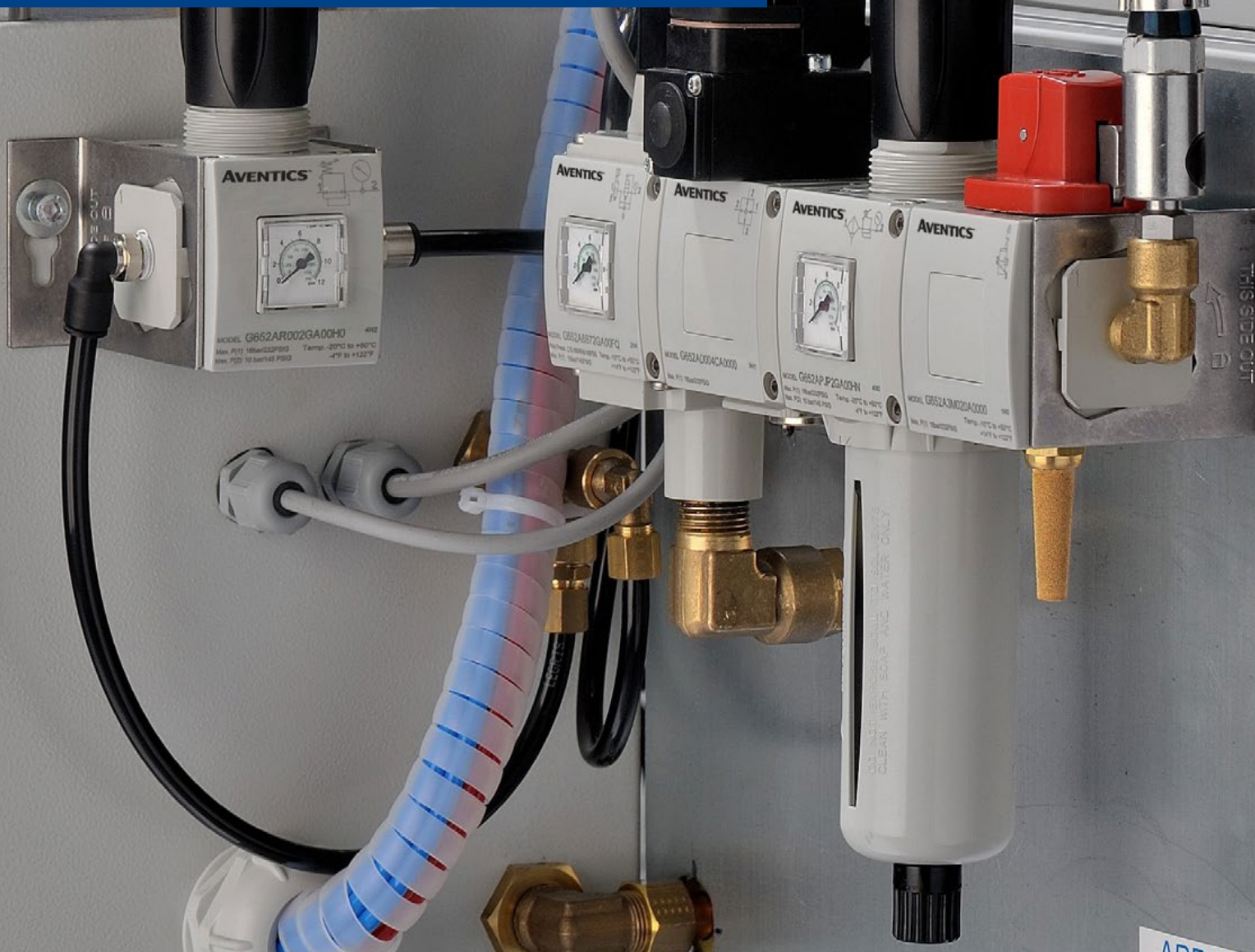


# Optimize design and performance of pneumatic systems

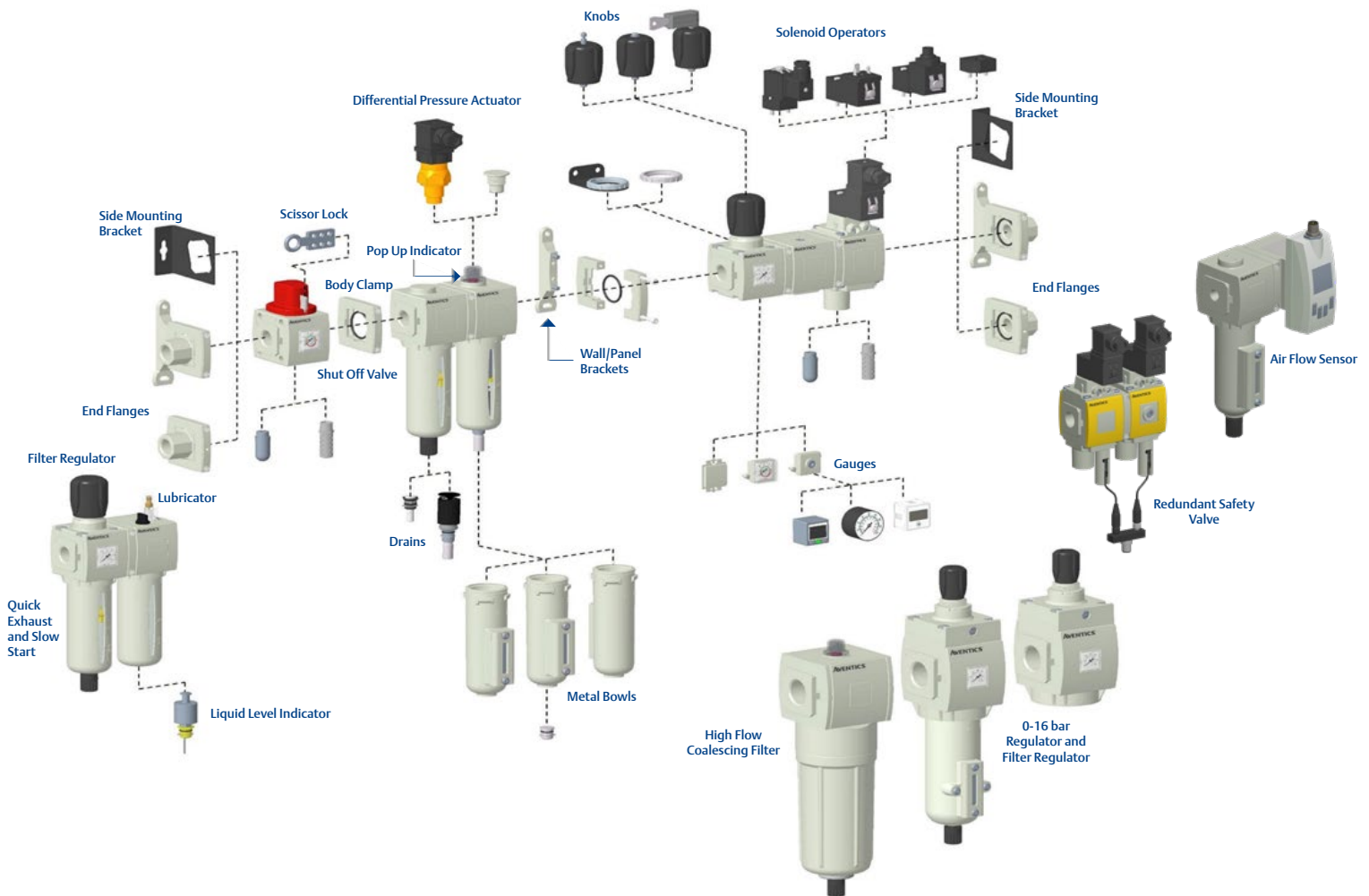


## AVENTICS™ Series 651, 652, 653

High flow rates and broad range of Air Preparation systems enable easier selection, design and system optimization



# AVENTICS Series 651, 652, 653 aluminum air preparation products range overview



## Broad range of products and accessories make selection easy

The AVENTICS 651, 652, 653 range of air preparation equipment include particulate and coalescing filters, regulators, filter regulators, lubricators, shut-off valves, and a variety of accessories and assembly kits.

The range is one of the widest offerings of air preparation products available from one supplier.

Port sizes	1/8, 1/4, 3/8, 1/2, 3/4, 1"
Maximum flow	Up to 353 SCFM (10,000 l/min)
Operating temperature	-4 to +122 °F (-20 to +50 °C) (-40 to +176 °F (-40 to +80 °C) optional)
Regulated pressure	3 to 145 psi (0.2 to 10 bar) 232 psi optional (16 bar)

## High performance products saving energy and certified for global use

### High performance



The Series 651, 652 and 653 features one of the highest flow rates (up to 353 SCFM (10,000 l/min)) of any FRL on the market, related to its size. This enables you to power more products from the same air preparation unit, or reduce pressure drop across the system, both of which enable potential energy and cost savings.

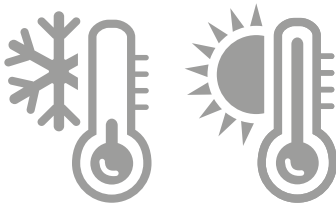
### Certifications and standards



This range of products can be supplied with ATEX zone 1-21 certification for use in hazardous areas. The filters conform to ISO 8573.1:2010 air purity classification.

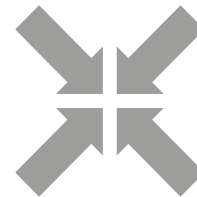
## Products suitable for all applications

### Versatile



Robust construction features enables the aluminum air preparation range to be used in corrosive conditions, and in temperatures from -40 to +176°F (-40 to +80°C). The range can be used in many applications including industrial automation, process industries, food packaging and paint spraying.

### Compact and Modular



The Series 651, 652 and 653 are compact and modular and weigh as much as 40% less than similar products on the market. This means they will save space, are easy to install and flexible. They enable savings in overall machine footprint and in the manufacture of support structures.

## Rapid delivery and full engineering support enable time and cost savings

### Fast delivery



As Emerson we guarantee short-term deliveries on an extensive range of our most popular products, including the AVENTICS Series 651, 652, 653 air preparation products. With products dispatched on the same day that your order is received, you get the products you need faster, reducing project timescales and increasing productivity.

### Engineered solutions



The aluminum air preparation products can be supplied as an assembly or as part of a cabinet or panel solution. At Emerson, we have the expertise to develop complete, turnkey, engineered solutions. All solutions are fully tested and a complete certification package can be provided. This enables you to reduce engineering time and costs, and it frees up your own resources.



# The right products and engineering expertise to enable you to optimize your air preparation systems







**AVENTICS™**

Where flow control meets pneumatics to create fluid automation solutions that maximize efficiencies, optimize applications, and enable customers to fulfill their true potential.

Our extensive product lines include a broad range of solenoid valves, pressure operated valves, pneumatic valves, valve systems, cylinders, air preparation products and accessories.

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