

SATA High quality filter systems for air purification

Clean Compressed Air for Ideal Results

SATA® filter 400™ series:
Top quality for clean air



SATA



Modular System

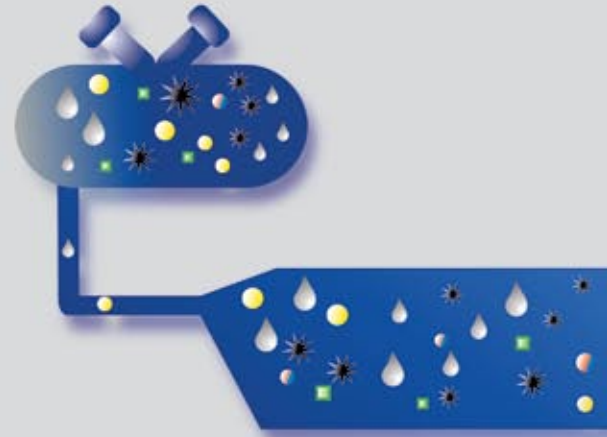
The highest requirements for quality and performance are the basis for the **SATA® filter 400™** modular filter line. The modular system **allows the user to adapt to their exact requirements.**

Compressor oil, condensation and dust particles in the pipeline are part of the everyday routine when working with compressed air. SATA compressed air filters assure 100 % technically clean air - with a separation degree of 99.998 % (e. g. SATA filter 444). With these filters, compressed air problems will be eliminated.

Versatility

The graphic illustrates the function of the various modules:

- Stage 1: **1a** Cyclone separator removes oil droplets and condensate
1b Sintered filter separates particles greater than 5 microns
- Stage 2: **2** Fine filter cartridge separates particles greater than 0.01 microns
- Stage 3: **3** Activated charcoal filter cartridge purifies breathing air for supplied air respirator systems and for the high quality application of modern paint materials



The rugged construction of all filter components ensures long service life. The filter elements of oil/water separation module (Stage 1) are completely reusable and easy to clean.

To ensure a permanently high compressed air quality, a combi filter should be serviced and examined frequently for flawless function.

Precise operating pressure regulation

Air flow 3,600 Nl/min

Reusable filter elements require little service

1a Cyclone separator

1b Sintered filter

Corrosion-proof metal housing

Low service with high operating safety due to automatic condensation discharge

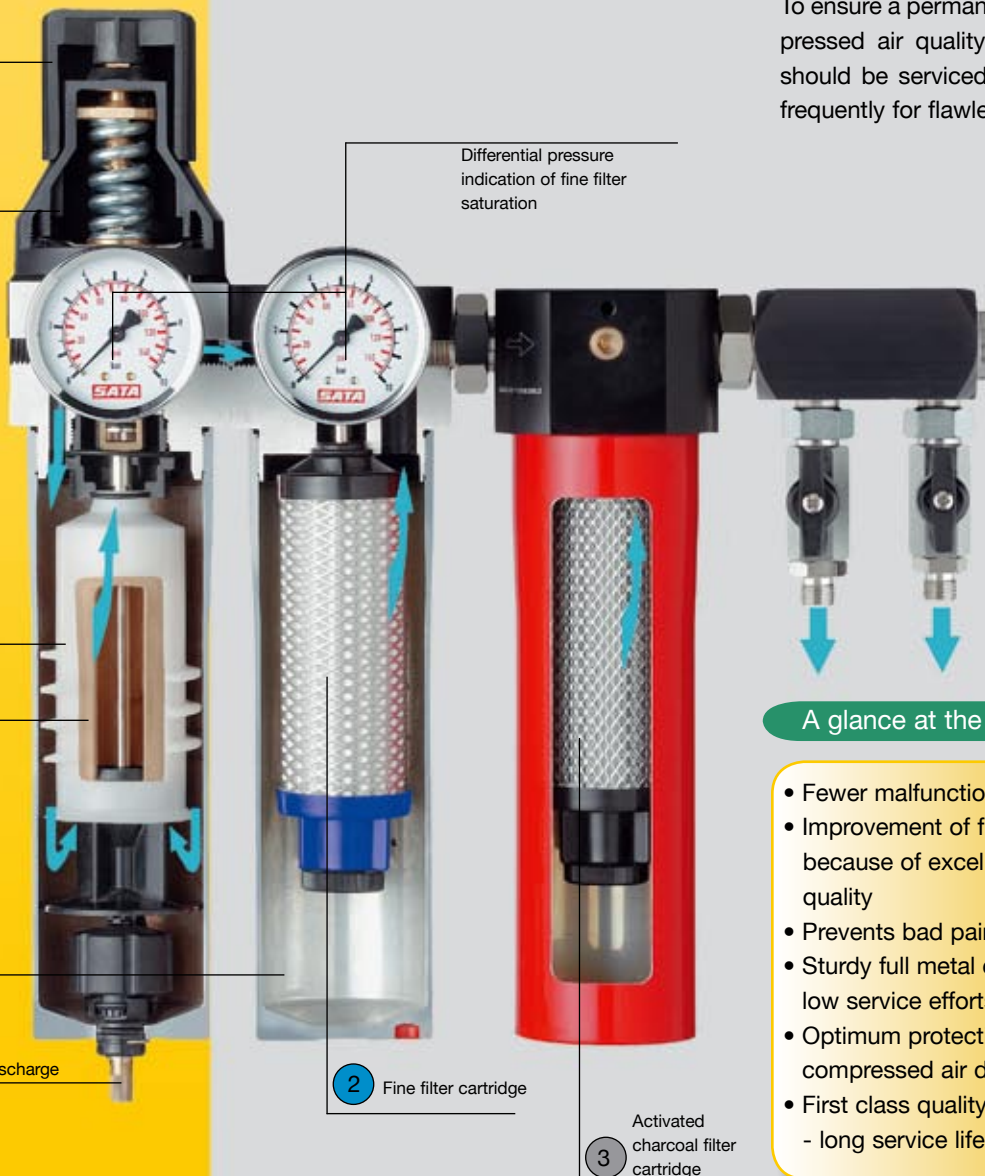
Differential pressure indication of fine filter saturation

2 Fine filter cartridge

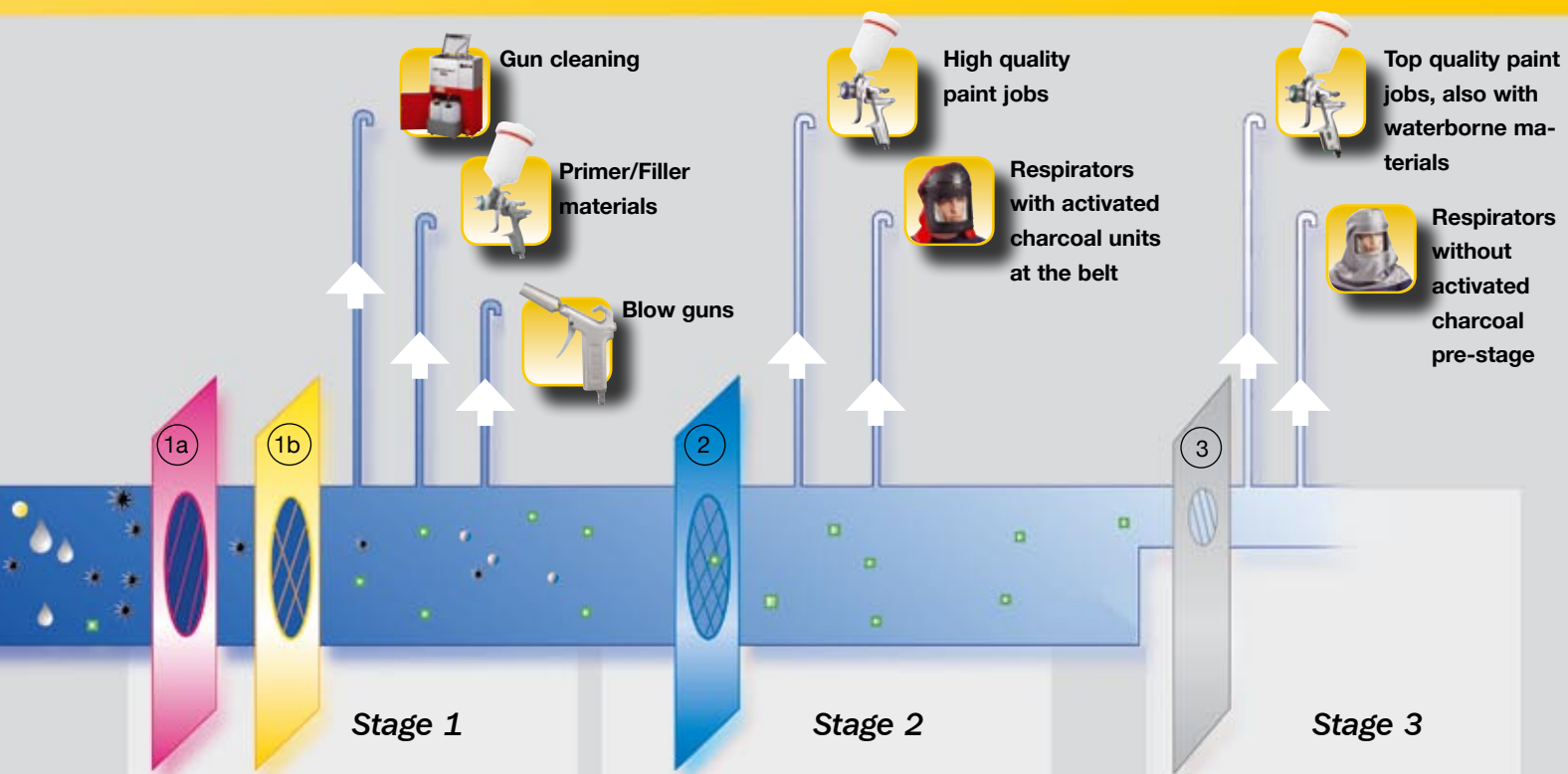
3 Activated charcoal filter cartridge

A glance at the advantages:

- Fewer malfunctions
- Improvement of finish results because of excellent air quality
- Prevents bad paint jobs
- Sturdy full metal construction, low service efforts
- Optimum protection for compressed air driven tools
- First class quality - long service life



depend on top quality air purification



SATA® filter 414 L™
Simple oil/water separator with particle filter, for in-line installation
Inlet G1/2 int.
Outlet G1/2 int.
Art.No. 92254



SATA® filter 424 L™
Oil/water separator with pressure regulation and particle filter, for in-line installation
Inlet G1/2 int.
Outlet G1/2 int.
Art.No. 92262



SATA® filter 414™
Simple oil/water separator and particle filter
Inlet G1/2 int.
Outlet G1/4 ext.
Art.No. 92213



SATA® filter 424™
Oil/water separator with pressure regulator and particle filter,
Inlet G1/2 int.
Outlet G1/4 ext.
Art.No. 92221



SATA® filter 434 L™
Fine filter module for in-line installation
Inlet G1/2 int.
Outlet G1/2 int.
Art.No. 92270



SATA® filter 434™
Fine filter module
Inlet G1/2 int.
Outlet G1/4 ext.
Art.No. 92239



SATA® filter 464 L™
Activated charcoal filter for add-on to SATA filter 444.
See threaded joint on page 4.
Art.No. 141473



SATA® filter 484™
The complete solution: Combi fine filter, activated charcoal, air outlet module.
Art.No. 92320

SATA® filter 444™
Combination fine filter unit to provide 100 % technically clean compressed air. A basic choice for top quality paint jobs and supplied air respirator masks and hoods. This combination allows an exact adjustment of the operating pressure,



with a filtration degree of 0.01 micron. Silicone-, oil-, water- and particle-free compressed air prevents bad paint jobs and provides thorough protection from expensive labor intensive refinish work. **Art.No. 92296**

Portable Stand

Portable stand with mounted filter for mobile compressed air purification
Art.No. 92833
(with SATA filter 444)
Art.No. 129619
(with SATA filter 484)



To ensure permanently high air quality: Original SATA® Accessories and Spare Parts



Art.No. 92288

SATA® filter 420™ Pressure Reducer
High air volume of 4,000 NI/min, up to 15 bars inlet pressure.



Art.No. 95000

Threaded joint for add-on solutions
Flexible, threaded joint for mounting the activated charcoal filter SATA filter 464 L to existing filter systems with G ½ int., e. g. SATA filter 444.



Art.No. 10934

Teflon ball tap
for connection to SATA filter series, 2 x G 1/2 int.



Art.No. 9878

SATA mini filter™ - Water Separator
Dust, oil and condensation are filtered from compressed air directly at the paint spray gun.



Art.No. 53090

High Quality Air Hose
9 mm inner diameter complete with nipple and quick coupling, 10 m long. Top quality - silicone-free, solvent-resistant.



Art.No. 7096

SATA air check set™
Compressed air test unit to visually display compressed air quality. Helps to find the source of contamination.



Art.No. 22160

Sintered Filter (Stage 1)
For oil and water separators 414 - 424 and the first stage of combination filters 444, 484 and 494.



Art.No. 81810

Fine Filter Cartridge (Stage 2)
For fine filters 434 and the second stage of combination filters 444, 484 und 494.



Art.No. 85373

Activated Charcoal Cartridge (Stage 3)
For activated charcoal filters 464 and the third stage of combination filters 484 and 494.



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