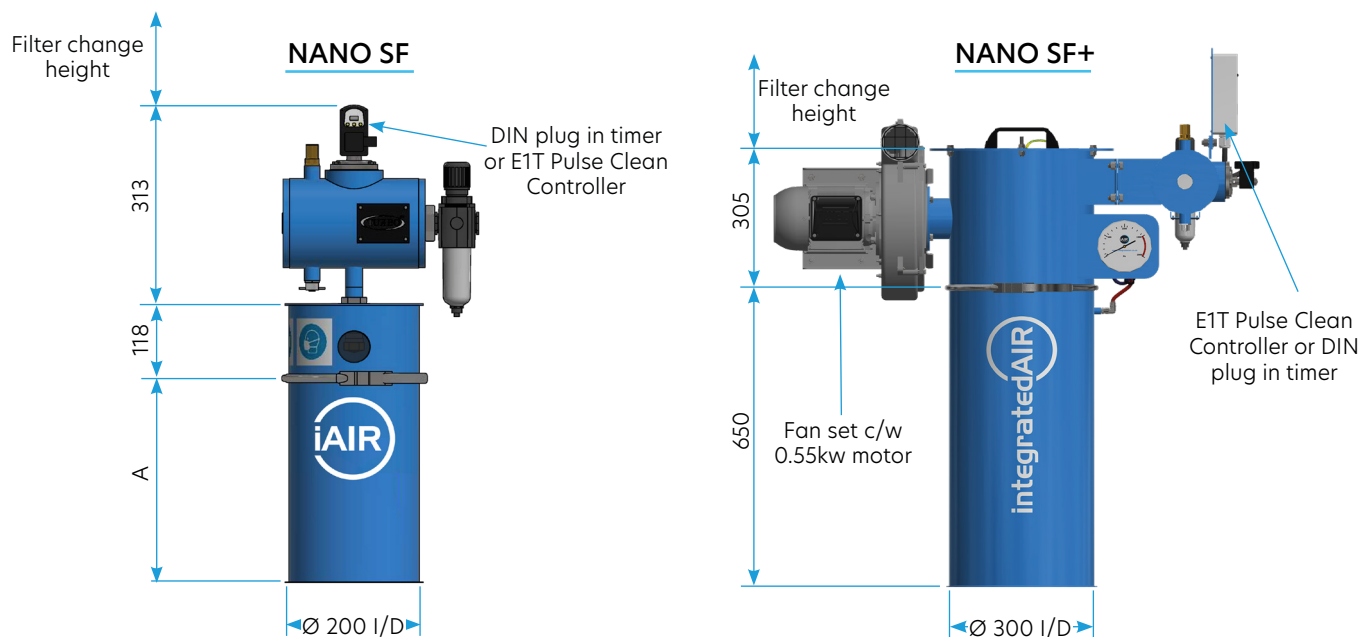


BlueClean® NANO SF & SF+



A range of self cleaning filter units designed to handle the displaced air from sealed vessels that are either being fed mechanically by equipment such as screw conveyors, or by gravity from hoppers or vessels such as FIBC's.



Model Reference	Filter Area (m ²)	Nominal Duty (m ³ /hr) at 1.5m/min	Dimension A (mm)	Weight (kg)	Compressed Air Requirement (Am ³ /hr) based on 15 sec interval	Compressed Air Pressure (bar)	Filter Change Access (mm)
NANO SF 68-03	0.5	45	320	17.8	0.54	3	-
NANO SF 68-06	1.0	90	620	20.1	1.08	3	170
NANO SF 68-10	1.5	135	984	22.9	1.7	3	570
NANO SF +	3	150	-	39.4	2.52	4	600

- Available with a wide range of filter medias to ensure that each NANO SF filter is supplied application specific.
- The NANO SF filter uses a pleated, conical cartridge filter to provide optimum filter cleaning.
- Manufactured to a standard Pred construction of 1 bar.
- The NANO SF filter unit has the option to be supplied suitable for location within a Zone 21 or 22 atmosphere if required.
- Available with a flat edge and clip together with a matching collar for ease of mounting or can be supplied with alternative connections that are application specific such as a welded or loose fitted flange.
- The NANO SF filter is the answer to the problem of blinded filter socks so often used to vent displaced air from vessels.
- The NANO SF+ is a fan assisted version of our popular NANO SF filter. It has a larger filter body, a single parallel filter element to provide a larger filter area and a side mounted 0.55kW fan set. It can also be supplied without the fan set where larger air volumes are being displaced.

Standard Construction

- Material: Mild steel, aluminium diaphragm valve
- Paint finish: Powder coated RAL 5012 (filter body and tank)
- Pred strength: 1 bar

Electrical Requirement

- DIN Plug in timer c/w LCD display - input voltage 24v DC, 110v AC / 220v 1ph 50Hz AC (input voltage must be stated at point of order)
- Solenoid valve - 24v DC

Filter Media

- Spun bonded polyester supplied as standard (alternative filter medias available to suit application)

Filter Body Connection

- 6mm lip provided at the base of the filter body supplied with a fixing clamp

Options

- Welded or loose flange at base of filter body
- Mating collars for connection to hoppers/vessels
- ATEX certification to suit location area
- Alternative paint colour/finish
- Filter regulator/mechanical trap
- 304 stainless steel filter body
- Alternative paint colour/finish



www.integratedairfiltration.co.uk

+44 (0) 113 518 5939 • sales@integratedairfiltration.co.uk

Unit 28 Pullan Way | Howley Business Village | Morley | Leeds | LS27 0BZ

