



Photo Dossier



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Compressed Air Vacuums



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Compressed air Industrial Vacuums

Certified L-M-H, ATEX (Gas Zone 1 & 2 and Dust Zone 21 & 22)



A15



Hazardous environments



Building sites



Chemical sector



Shipyards and dockyards



Fuel and petrol



Food industry



Cosmetics Industry



A17

In its constant search for dedicated solutions Nilfisk-CFM has developed a range of compressed air industrial vacuums for use whenever electricity is unavailable or forbidden by law (e.g. ATEX norms, enforced on 1st July, 2003).

Equipped with Venturi systems and activated by compressed air these CFM "A" models can be used to recover both solid debris and liquid spills.

With three base versions **A15**, **A17** & **A27** these models are different in terms of performance, capacity and air consumption.



A27



Flour recovery in a food industry

A15 is the smallest compressed air vacuum manufactured by Nilfisk-CFM. With minimum footprint, a new fresh design, elegant profile (the Venturi system is concealed under the vacuum's lid) and minimal air consumption this unit is ideal whenever the air supply is limited and small quantities of debris need to be recovered. All models can be fitted with HEPA filters or a pneumatic filtershaker. The container can be fitted (upon request) with an inlet and paper bag, for safe recovery and quick disposal.

A17 is available with two different containers (a "small" 60-litre version and a large 100-litre one) this model is equipped with a powerful external Venturi system that guarantees excellent performance levels both in terms of waterlift and airflow.

The model A27 model is ideal for picking up very heavy material or bulk quantities. Fitted with two Venturi systems (that can be coupled both in parallel or in series, according to customer needs) this model has paramount levels of performance. Equipped with a 100-litre or 175-litre container the A27 is ideal for removing heavy debris (like wet sand) in the shortest time possible.



Maintenance of a machine tool

Available in painted steel, stainless steel (including the dome!), in the flameproof ATEX-compliant version (for zones Gas 1-2 and Dust 21-22). All pneumatic systems are free of moving parts guaranteeing total absence of wear and minimal maintenance.

Thanks to all the features on these compressed air vacuums, they make for a healthy working environment, promote greater safety levels, and with worldwide technical assistance they are the choice of hundreds of companies worldwide.

Application Solutions

Shipyards, metalworking labs, oil refineries, chemical industries, spray-painting facilities, rifle ranges are but a few of the most common applications for these vacuums.

All these models are also ideal in the food industry. Wherever static electricity is present (working with sugar or flour), on building sites, and during surface treatment operations.



Collecting dust from a naval bridge

TECHNICAL FEATURES	U.M.	A15	A17	A27
Air consumption	L/min	850	1.600	3.200
Required pressure	ATM	4/8	4/9	4/9
Waterlift max	mm H ₂ O	4.000	3.600	3.600
Airflow max	L/min	2.800	6.100	11.500
Filter surface	cm ²	7.000	19.500	35.000
Noise level	dB/A	70	78	81
Inlet	mm	50	70	100
Capacity	L	25	60/100	100/175
Dimensions	cm	50x55	86x68	98x90
Height	cm	95	116	181
Weight	kg	24	62	112
Diam. compressed air tube	mm	15	19	19



Collecting aluminium dust from an aircraft



Fixed aspiration to collect sugar from a machine in food industry



Collecting sugar from a food hopper



Flammable liquid recovery