



Product certification



Industrial
V a c u u m s

Centralized
V a c u u m
S y s t e m s

Pneumatic
C o n v e y o r s

spirovac®
High Power
V a c u u m s



Non-marking swivel castors

Safe Change (Bag-In-Bag-Out)



Easy main filter maintenance/replacement



Stainless steel AISI 316 L



Pharmaceutical arm and hood kit



Container release mechanism for models 3156 and 3306



© CFM S.p.A. A.53 GB 1000.04.1 Data, technical features, colours and illustrations are indicative and not binding.



White Range

CFM product range

Industrial vacuums
40 base models, over 250 versions
Motors ranging from 0.5 to 75 kW
Painted steel, stainless steel, flameproof, compressed-air versions

Centralized Vacuum Systems
Design and installation of centralized systems in any industrial environment

Pneumatic conveyors
Wide range of pneumatic conveying systems for powder and granules.

Available versions:
All White Range CFM models are available in a variety of versions: among others, with single-phase and three-phase motors, in painted or stainless steel AISI 304 (AISI 316L upon request), upstream and downstream HEPA filters, in the L-M-H- categories in compliance with current European norms, in the ATEX flameproof version, with special voltage, thermal overload switch and phase-sequencer. As well as in "customized" versions, to best suite customer needs.

Worldwide sales and customer service network: visit our website at www.cfm.it



CFM S.p.A.
Via Porrettana 1991
41059 Zocca (Modena) Italy
Tel. +39 059 9730000
Fax +39 059 9730099

www.cfm.it
cfm@cfm.it



ATEX approved

CFM White Range: Hygiene, quality, safety

The most popular applications



Pharmaceutical Industry



Chemical Industry



Cosmetic Industry



Food Industry



Electronics Industry



Laser technology Industry

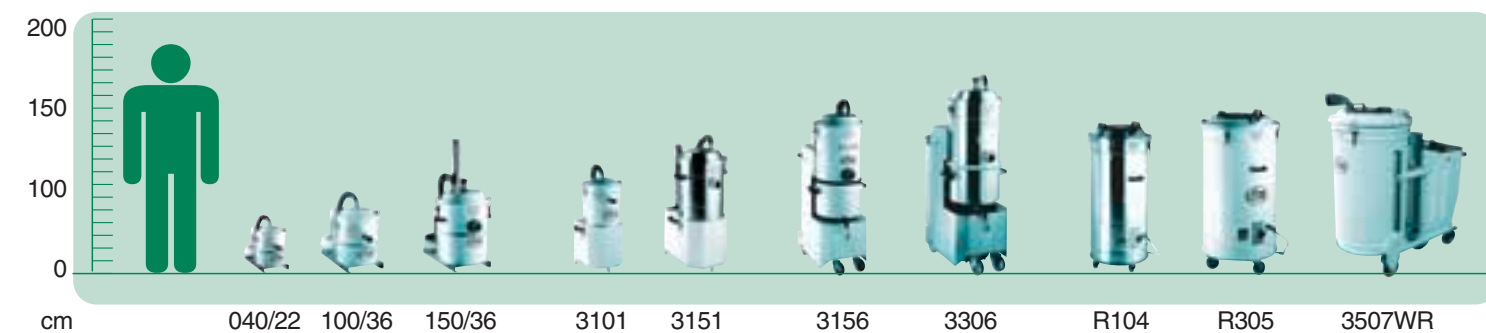


Packaging Industry

As world leader of the industrial vacuum market CFM has continually dedicated time and resources to developing "special" products for unique and specific applications. The most demanding markets in this respect are beyond any doubt the pharmaceutical, chemical, cosmetic, food, electronics, laser and packaging industries. For these markets CFM created and continues to develop a separate and dedicated range of products: the **white range**. Designed to comply with the strictest European and worldwide norms, today CFM's white range is capable of satisfying the most sophisticated needs, even when used in hazardous environments, in full compliance with the new **ATEX** regulations.



Small footprints, ergonomic, practical and flexible



MOBILE UNITS

The white range three-phase vacuums represent the most advanced technological solution for pharmaceutical and food powder recovery and extraction.

Main features:

- Small footprint
- Release lever to easily lower and remove container
- Large filter surface with filter-shaker
- Very quiet
- HEPA filter (upstream and downstream)
- Manometer to monitor suction performance

Both models are available in painted or stainless steel (standard AISI 304, but also AISI 316L if required), in the flameproof version (ATEX approved), or fitted with special filters for toxic powders, according to the new L-M-H categories.



HORIZONTAL FIXED UNITS

These very small vacuums are ideal for extracting and recovering small quantities of dust or small trimmings. Thanks to their horizontal layout these compact vacuums represent the perfect solution when only limited space is available, especially where height is a problem.

Here are some of these models' main features:

- possibility to separate the motor from the container,
- three-phase induction continuous duty motor,
- polyester high performance filter
- extremely low noise level (down to 62 dB/A)
- extra small footprint



VERTICAL FIXED UNITS

Just like the horizontal versions, these extremely compact units are mainly used to recover small quantities of dust and trimmings. The layout is vertical, with the motor set inside a strong steel chassis, beneath the container. The 1.6 kW version (model 3151, equivalent to horizontal model 150/36) comes equipped with a manual filter-shaker.



R MODELS

CFM white range R models were designed specifically to extract the trimmings directly and continuously from process machines. The most common applications are:

- textile industry (trimmings and dust generated by production)
- packaging industry (nylon/plastic trimmings)
- paper industry (fine cutting and trimming).

Main features:

- Painted or totally stainless steel versions
- Porthole for visual monitoring of material level inside the container
- High efficiency and performance thanks to motor placed directly under the container
- 4 kW version with motor fitted inside the chassis, behind the large 215-litre container (model 3507WR)



Mobile Units

R models

	u.m.	3156	3306	R104	R154	R155	R305	3507WR
Motor	kW (HP)	1.6 (2.0)	2.2 (3.0)	0.85 (1.1)	1.1 (1.5)	1.1 (1.5)	2.2 (3.0)	4.0 (5.5)
Voltage	Volts	230-400	230-400	230-400	230-400	230-400	230-400	230-400
Protection	IP	55	55	55	55	55	55	55
Isolation	Class	F	F	F	F	F	F	F
Filter Surface	cm ²	7,000	19,500	-	-	-	-	-
Waterlift (max)	mmH ₂ O	2,400	3,100	2,200	2,300	2,300	3,100	3,100
Airflow (max)	l/min	3,200	4,600	2,400	3,200	3,200	4,600	8,500
Noise Level	dB/A	68	71	68	72	72	75	74
Capacity	litres	25	48	114	114	150	150	215
Inlet	mmØ	50	70	50	50	50	50	70
Dimensions (L x W x H)	cm	78x48x134	88x58x159	56x120	56x120	66x125	66x125	120x70x140
Weight	kg	72	115	38	40	55	61	155
MPPS efficiency	%	99.995	99.995	-	-	-	-	-
HEPA filter surface	cm ²	48,500	72,500	-	-	-	-	-
Large filter surface	cm ²	13,000	29,000	-	-	-	-	-

Vertical Fixed Units

Horizontal Fixed Units

	u.m.	3051	3101	3151	040/22	100/28	100/36	150/36
Motor	kW (HP)	0.37 (0.5)	0.85 (1.1)	1.6 (2.0)	0.37 (0.5)	0.85 (1.1)	0.85 (1.1)	1.6 (2.0)
Voltage	Volts	230-400	230-400	230-400	230-400	230-400	230-400	230-400
Protection	IP	55	55	55	55	55	55	55
Isolation	Class	F	F	F	F	F	F	F
Filter Surface	cm ²	2,300	2,300	4,250	1,350	2,300	4,250	4,250
Waterlift (max)	mmH ₂ O	1,300	2,200	2,400	1,300	2,200	2,200	2,400
Airflow (max)	l/min	1,300	2,400	3,300	1,300	2,400	2,400	3,300
Noise level	dB/A	62	63	67	62	65	65	68
Capacity	litres	9	9	25	3	9	25	25
Inlet	mmØ	40	40	50	40	40	50	50
Dimensions (L x W x H)	cm	42x38x82	42x38x82	54x45x105	29x52x40	37x70x48	48x77x67	48x77x97
Weight	kg	24	28	42	18	22	31	39
HEPA filter surface	cm ²	11,000	11,000	11,000	-	11,000	11,000	11,000
MPPS efficiency	%	99.995	99.995	99.995	-	99.995	99.995	99.995