EN

F series

Three phase material receivers

Vacuum units

The F series vacuum units, with power ranging from 1.5 to 11 kW, cover production capacities up to 1500 kg/h and more, at distances of 100 metres.

Benefits:

- Maintenance-free motors
- Noise level lower than 75 dB(A)
- High filtering efficiency
- Quick and simplified filter cleaning operations
- Vertical design solution requiring little floor space

The F vacuum pumps, with a power ranging from 1.5 up to 11 kW, cover a production range of up to 1500 kg/h and a transport distance of 100 m maximum.

The vacuum pumps can be equipped with the FZ cartridge filter or particularly compact and efficient filtering systems CF1, CF2 and CF3. The CF filter combines the cyclonic effect with dust separation and are recommended in the case particularly dusty materials are conveyed.

PIOVAN

Customers. The core of our innovation

* 40 mm Vacuum and material line diameter
** 50 mm Vacuum and material line diameter
*** 60 mm Vacuum and material line diameter

Vacuum unit

Vacuum unit with FZ filter

Vacuum unit with CF filters

BLOWERS		F 41		F 42						F 44				F 48			
			FZ		FZ	CF1		FZ	CF1		CF1		CF1		CF1		CF1
Voltage	V	400		400			220-380-460			400		220-380-460		400		220-380-460	
Frequency	Hz	50		50			60			50		60		50		60	
Motor power	kW	0,75		1,1			1,3			1,5		2,55		3		4,6	
Maximun static vacuum	kPa	13		17			20			20		25		26		32	
Maximun noise level	dB(A)	64		68			66			68		71		72		78	
L	mm	312	335	330	335	485	312	335	485	330	485	330	485	410	485	410	485
W	mm	515	515	515	515	455	515	515	455	515	455	515	455	545	455	545	455
H	mm	596	900	596	900	1405	596	900	1405	596	1405	596	1405	596	1405	596	1405
Weight	kg	30	38	31	39	53	30	38	52	33	55	36	59	44	66	56	80
Air pressure required	bar					6 ÷ 8			6 ÷ 8		6 ÷ 8		6 ÷ 8		6 ÷ 8		6 ÷ 8
Air consumption	Nl/cycle					0,5			0,5		0,5		0,5		0,5		0,5

BLOWERS		F 44/2				F48/2				F 412/2		F 416/2	
			CF2		CF2		CF2		CF2	CF3	CF3	CF3	CF3
Voltage	V	400		220-380-460		400		220-380-460		400	220-380-460	400	220-380-460
Frequency	Hz	50		60		50		60		50	60	50	60
Motor power	kW	4		4,6		5,5		8,6		7,5	7,5	11	12,6
Maximun static vacuum	kPa	38		41		44		46		44	44	43	46
Maximun noise level	dB(A)	72		74		73		76		78	78	74	78
L	mm	550	510	550	510	565	510	565	510	600	600	600	600
W	mm	650	680	650	680	825	730	825	730	815	815	848	848
H	mm	846	1840	846	1840	846	1840	846	1840	2155	2155	2155	2155
Weight	kg	68	113	68	113	94	139	99	144	152	152	304	304
Air pressure required	bar		6 ÷ 8		6 ÷ 8		6 ÷ 8		6 ÷ 8	6 ÷ 8	6 ÷ 8	6 ÷ 8	6 ÷ 8
Air consumption	Nl/cycle		0,5		0,5		0,5		0,5	0,5	0,5	0,5	0,5

HEADQUARTERS:

Europe: Piovan S.p.A / Tel. +(39) 041 57 99 111 - Fax +(39) 041 57 99 228 - sales@piovan.com
North America: Universal Dynamics Inc. / Tel. +(1) 703 490 7000 - Fax +(1) 703 490 7001 - sales@unadyn.com
South America: Piovan do Brasil / Tel. +(55) 11 36939500 - Fax +(55) 11 36939515 - piovan@piovan.com.br
Asia: Piovan Asia Pacific / Tel.+(66) 2 694 1090 - Fax +(66) 2 694 1089 - asiapacific@piovan.com
China: Piovan China / Tel. +(86) 512 6732 5312 - Fax +(86) 512 6732 5311- info@piovan.cn

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