

## Air Powered Vacuum Units

		Ab105	Ab115	Ab216	Ab306	Ab405	Ab426	Ab500	Ab510
<b>Part no:</b>		<b>42110500</b>	<b>42111500</b>	<b>42121600</b>	<b>42130600</b>	<b>42140500</b>	<b>42142600</b>	<b>42150000</b>	<b>42151000</b>
Max. vacuum	mmWC (in.w.g.)	2100 (83)	3100 (122)	3100 (122)	3100 (122)	5200 (205)	5200 (205)	5200 (205)	5200 (205)
Max. airflow	Nm <sup>3</sup> /hr (cfm)	306 (180)	342 (201)	342 (201)	342 (201)	342 (201)	342 (201)	342 (201)	342 (201)
Compressed air consumption	Nm <sup>3</sup> /min (cfm)	1.0 (35)	1,6 (57)	1.6 (57)	1.6 (57)	3.0 (106)	3.0 (106)	3.0 (106)	3.0 (106)
Compressed air pressure	bar (psi)	7 (100)	7 (100)	7 (100)	7 (100)	7 (100)	7 (100)	7 (100)	7 (100)
Noise level *	dB(A)	72	74	74	74	76	76	76	76
Container practical volume:	litres (gal.)	40 (11)	40 (11)	47 (12)	40 + 50 (11 + 13)	40 + 58 (11 + 15)	47+ 58 (12 + 15)	160 (42)	160 (42)
Length x Width x Height:	mm (in.)	1140 x 550 x 1200 (45 x 22 x 47)	1140 x 550 x 1200 (45 x 22 x 47)	700 x 530 x 1550 (28 x 21 x 61)	1760 x 550 x 1200 (69 x 22 x 47)	1400 x 730 x 1820 (55 x 29 x 72)	1400 x 730 x 1820 (55 x 29 x 72)	925 x 850 x 1380 (36 x 33 x 54)	925 x 730 x 1640 (39 x 29 x 65)
Weight:	kg (lb.)	50 (110)	51 (112)	69 (152)	69 (152)	119 (262)	119 (262)	72 (159)	103 (226)
Standard suction hose diameter:	mm (in.)	51 (2)	51 (2)	51 (2)	51 (2)	51 (2)	51 (2)	51 (2)	51 (2)
Standard suction hose length:	m (ft.)	6 (20)	6 (20)	6 (20)	6 (20)	6 (20)	6 (20)	6 (20)	6 (20)
Main filter area:	m <sup>2</sup> (sq. ft.)	2.38 (26)	0.35 (4)	1.56 (17)	0,35 (4)	2.38 (26)	1,56 (17)	0.60 (7)	0.60 (7)
Main filter approval category:**		M	-	H	M	M	-	-	-
Main filter type:		Cartridge	Bag	Cartridge	Bag	Cartridge	Cartridge	Bag	Bag
Main filter material:		Paper	PTFE coated polyester	Microfibre	PTFE coated polyester Paper	Paper	Microfibre	PTFE coated polyester	PTFE coated polyester
Main filter cleaning method:		Manual	Manual	Reverse air jet	Manual	Manual	Reverse air jet	Manual	Manual
Standard suction hose quality:		PE	IVC	PE	PVC	PVC	PVC	PVC	PVC

\* Noise level - measured at a dist. 1 m (3 ft.), height 1.6 m (5.25 ft.)

\*\* Approval category - EN 60335-2-69

## Air Powered Vacuum Units, EX approved



		Ab105Ex	Ab216Ex	Ab426Ex	Ab500Ex	Ab510Ex
<b>Part no:</b>		<b>42210500</b>	<b>42221600</b>	<b>42240500</b>	<b>42250000</b>	<b>42251000</b>
Max. vacuum	mmWC (in.w.g.)	2100 (83)	5200 (205)	5200 (205)	5200 (205)	5200 (205)
Max. airflow	Nm <sup>3</sup> /hr (cfm)	306 (180)	342 (195)	342 (195)	342 (195)	342 (195)
Compressed air consumption	Nm <sup>3</sup> /min (cfm)	1.0 (35)	3.0 (106)	3.0 (106)	3.0 (106)	3.0 (106)
Compressed air pressure	bar (psi)	7 (100)	7 (100)	7 (100)	7 (100)	7 (100)
Noise level *	dB(A)	72	76	76	76	76
Container practical volume:	litres (gallon)	40 (11)	47 (12)	47 (12) + 58 (15)	160 (42)	160 (42)
Length x Width x Height:	mm (in.)	1140 x 550 x 1200 (45 x 22 x 47)	700 x 530 x 1550 (28 x 21 x 61)	700 x 530 x 1550 (28 x 21 x 61)	925 x 730 x 1640 (36 x 29 x 65)	925 x 730 x 1640 (36 x 29 x 65)
Weight:	kg (lb.)	50 (110)	69 (152)	160 (353)	110 (243)	103 (226)
Standard suction hose diameter:	mm (in.)	51 (2)	51 (2)	51 (2)	51 (2)	51 (2)
Standard suction hose length:	m (ft.)	6 (20)	6 (20)	6 (20)	6 (20)	6 (20)
Main filter area:	m <sup>2</sup> (sq. ft.)	2.38 (26)	1.56 (17)	1.56 (17)	0.60 (6 1/2)	0.60 (6 1/2)
Main filter approval category: **		M	H	H	-	-
Main filter type:		Cartridge	Cartridge	Cartridge	Bag	Bag
Main filter material:		Paper	Microfibre	Microfibre	PTFE coated polyester	PTFE coated polyester
Main filter cleaning method:		Manual	Reverse air jet	Manual	Manual	Manual
Standard suction hose quality:		PE	PE	PVC	PVC	PVC

\*Noise level - measured at a dist. 1 m (3 ft.), height 1.6 m (5.25 ft.)

\*\*Approval category - EN 60335-2-69

Product availability may differ by country

**Ab105/Ab 105 Ex**  
**Dust and granules cleaning**



Simple and robust system with capacity superior to most of the portable electrical vacuums on the market. Disposable dust bag. Can easily be adapted for liquid suction. Ex version with ATEX approval: EX II 2 GD c IIC 60°C (140°F) (T6)

**Ab115**  
**Dust and granules cleaning**



High capacity unit for heavy duty work. For suction and transportation of various nonflammable liquids, as well as metal chips, sand, and other granules. Tippable container.

**Ab216/Ab216 Ex**  
**Multi purpose and fine dust suction**



High capacity system for fine dust. Single container system with HEPA/Absolute filter. Efficient cyclonic pre-separation. Manual filter cleaning. Larger dust container as option. Ex version with ATEX approval: EX II 2 GD c IIC 60°C (140°F) (T6)

**Ab306**  
**Multi purpose and fine dust suction**



Dual container system with pre-separator, for collection of liquids, dust, sand, and other fine granules. Contains three separation/filtration stages that ensure optimum cleaning efficiency. Containers are easily tilted when emptying the materials.

**Ab405**  
**Dry waste suction**



Powerful dual container system. With silo and filter container for removal of industrial waste materials. Easy handling of heavy loads. Can be equipped with an adjustable counterweight valve and holder for discharge into sacks. With slots for forklift handling.

**Ab426/426 Ex**  
**Industrial waste and powders**



Powerful system with dual container system. With silo and cyclonic pre-separation. Manual filter cleaning. Handling of heavy loads especially easy. Adjustable counterweight valve for automatic discharge of waste material. Includes slots for forklift handling. EX version with ATEX approval: EX II 2 GD c IIC 60°C (140°F) (T6)

**Ab500/Ab500 Ex**  
**Liquid and coarse particle suction**



Single container system. Transportation of material over a long distance possible. High material collection capacity. Optional bottom drain valve for quick and simple discharge of liquids. Ex version with ATEX approval: EX II 2 GD c IIC 60°C (140°F) (T6)

**Ab510/Ab510 Ex**  
**Liquid and coarse particle suction**



High capacity single container system for collection of coarse particles, as well as liquids and sludge. Allows transportation of material over long distances. Optional bottom drain valve for quick and simple discharge of liquids. Tippable container. With slots for forklift handling. Ex version with ATEX approval: EX II 2 GD c IIC 60°C (140°F) (T6)

Product availability may differ by country