

產品特點 Features

- ◇真空流量大
- ◇抽氣時間短
- ◇適用於多孔材料有泄漏的場合
- ◇節能系統(ES)
- ◇鋁連接板(AD)和聚苯硫醚復合材料連接板(D)
- ◇提供壓縮空氣接口所需的快速接頭, 直流消聲器和安裝支架
- ☆ Large vacuum flows
- ☆ Short evacuation time
- ☆ Good for handling porous materials or if leakage is present
- ☆ Energy-Saving(ES)available
- ☆ Available with connection plate in aluminium(AD) and composite PPS(D)
- ☆ Supplies with a push-in connector for compressed air, through-flow silencer and mounting brackets



技術規格 Specifications

最大供氣壓力 Air Supply pressure max	bar	7
最佳供氣壓力 Air Supply pressure(opt)	bar	4-6
噪音 Noise level	dBA	60~65
溫度範圍 Temperature range	°C	-20~80
重量 Weight	g	750~1200
材料 Material		AL, PPS, SS, PA, NBR

產品參數 Technical Parameters

型號 Model	供氣壓力 Air supply pressure bar	最大真空度 Max.vacuum level -kPa	最大真空流量 Max.vacuum flow l/min	空氣消耗量 Air consumption l/min	重量(PPS材料) Weight(PPS materials) g	最小軟管內徑Φ(2m以內) Min.tube innerΦ(with in 2m)		
						供氣 Air supply	真空 Vacuum	排氣 Exhaust
FAL25	6	81	360	105	675	>4	>12	>12
FAL50			640	215	675	>6	>15	>15
FAL75			850	320	837	>8	>19	>22
FAL100			990	390	837	>8	>19	>22
FAL125			1170	480	1075	>10	>25	>32
FAL150			1230	620	1075	>10	>25	>32

訂購碼 How to Order

FAL25 - D - N - A - ES

① 型號 Model	② 密封材料 Sealing	③ 止回閥 Non-Return Valve
FAL25 FAL100	N 丁腈橡膠	A 有
FAL50 FAL125	E 三元乙丙橡膠	- 無
FAL75 FAL150	V 氟橡膠	

② 連接板 Connection Plate

FAL25-FAL100

	供氣口 Air Supply	真空 Vacuum	排氣 Exhaust	材料 Material
D	NPSF1/8"	G3/4"	G3/4"	PPS
B	NPSF1/8"	NPT3/4"	NPT3/4"	PPS
AD	G1/4"	G3/4"	G3/4"	鋁
E	NPT1/4"	NPT3/4"	NPT3/4"	鋁

FAL125-FAL150

	供氣口 Air Supply	真空 Vacuum	排氣 Exhaust	材料 Material
D	G1/4"	G1"	G1"	PPS
B	NPT1/4"	NPT1"	NPT1"	PPS
AD	G1/4"	G1"	G1"	鋁
E	NPT1/4"	NPT1"	NPT1"	鋁

⑤ 控制裝置 Control device

PD	電控供氣 Electric air supply	PVD	電控(供氣+破壞真空)組合 Electric control supply+vacuum breaking/Combination
PQ	氣控供氣 Pneumatic air supply	PVQ	氣控(供氣+破壞真空)組合 Pneumatic control supply+vacuum breaking/Combination
VD	電控破壞真空 Electric control vacuum breaking	ES	節能系統 Energy-saving
VQ	氣控破壞真空 Pneumatic control vacuum breaking	-	無 NO

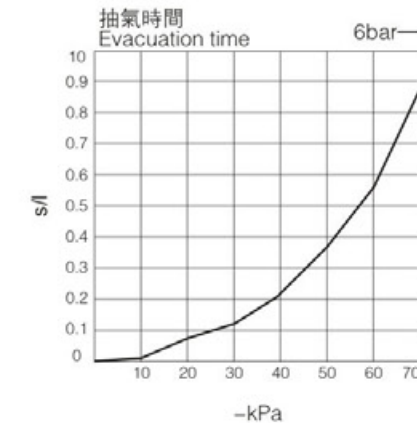
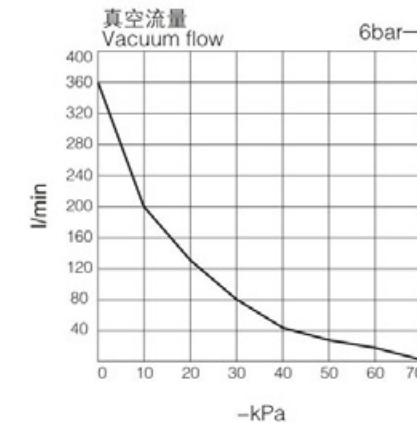
不同真空度(-kPa)的真空流量(l/min) Vacuum flow (l/min) at different vacuum levels(-kPa)

型號 Model	-kPa	供氣壓力 Air supply pressure	空氣消耗量 Air consumption	0	10	20	30	40	50	60	70	最大真空度 Max.vacuum level
FAL 25	6 bar	6 bar	105 l/min	360	196	135	85	45	36	27	17	-81kPa
FAL 50			215 l/min	640	320	205	145	95	65	45	25	
FAL 75			320 l/min	850	430	320	190	130	105	65	40	
FAL 100			390 l/min	990	580	460	300	185	130	95	52	
FAL 125			480 l/min	1170	720	541	350	200	150	125	65	
FAL 150			620 l/min	1230	760	560	410	210	160	148	85	

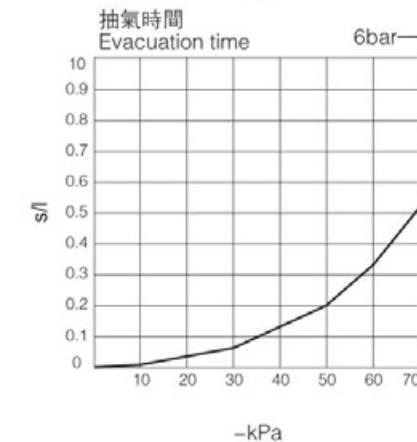
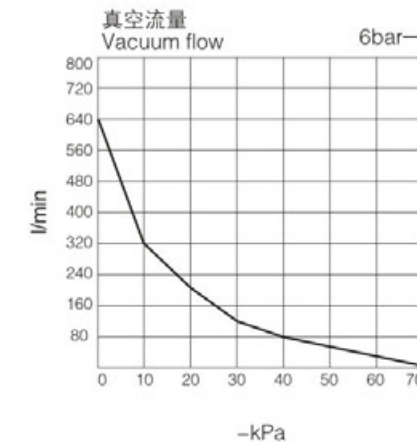
不同真空度(-kPa)的抽氣時間(s/l) Evacuation time (s/l) to reach different vacuum levels(-kPa)

型號 Model	-kPa	供氣壓力 Air supply pressure	空氣消耗量 Air consumption	10	20	30	40	50	60	70	最大真空度 Max.vacuum level
FAL 25	6 bar	6 bar	105 l/min	0.03	0.06	0.1	0.2	0.39	0.58	0.87	-81kPa
FAL 50			215 l/min	0.018	0.039	0.066	0.12	0.20	0.31	0.51	
FAL 75			320 l/min	0.01	0.02	0.04	0.08	0.12	0.2	0.31	
FAL 100			390 l/min	0.008	0.017	0.032	0.05	0.09	0.13	0.22	
FAL 125			480 l/min	0.006	0.016	0.026	0.045	0.078	0.11	0.18	
FAL 150			620 l/min	0.005	0.014	0.024	0.04	0.071	0.1	0.16	

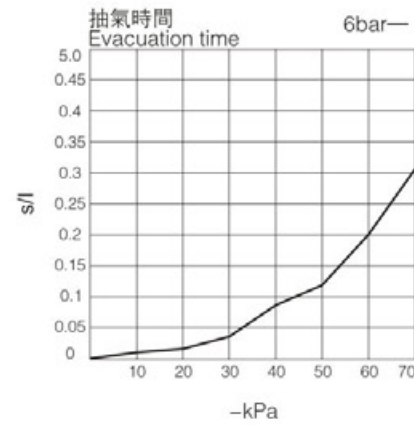
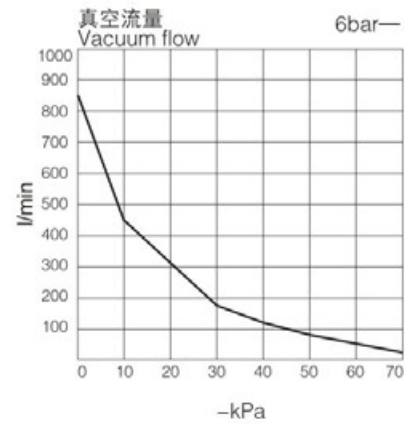
• FAL-25



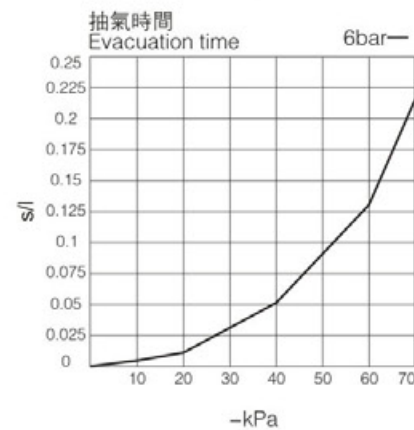
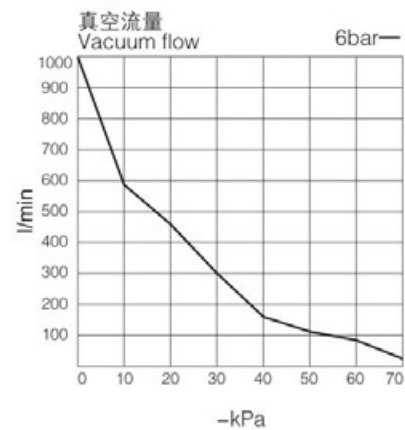
• FAL-50



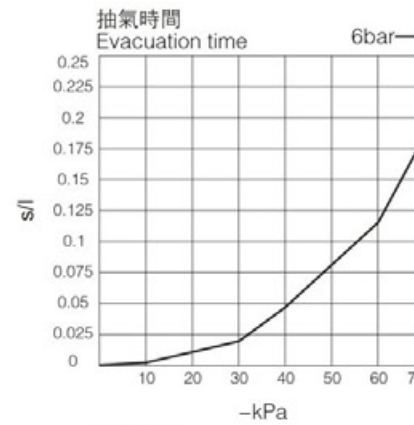
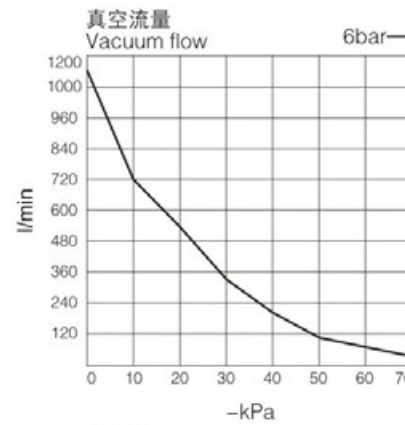
• FAL-75



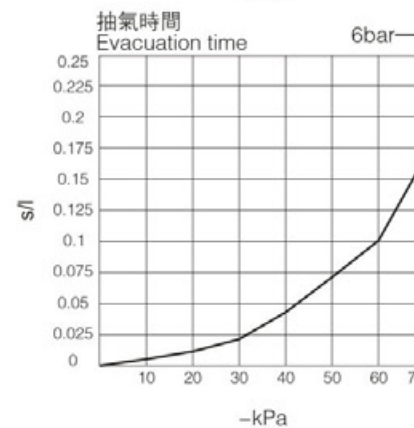
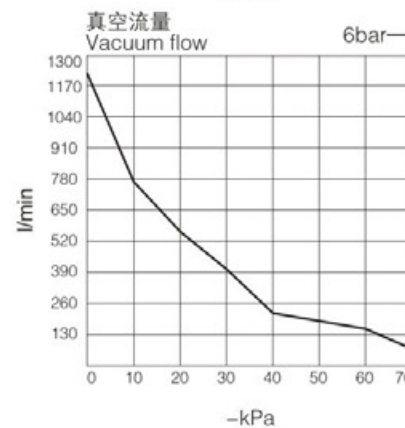
• FAL-100



• FAL-125



• FAL-150



外形尺寸(mm) Dimensions (mm)

FAL-25

	1	2	3
D	NPSF1/8"	G3/4"	G3/4"
B	NPSF1/8"	NPT3/4"	NPT3/4"
AD	G1/4"	G3/4"	G3/4"
E	NPT1/4"	NPT3/4"	NPT3/4"

FAL-50

	1	2	3
D	NPSF1/8"	G3/4"	G3/4"
B	NPSF1/8"	NPT3/4"	NPT3/4"
AD	G1/4"	G3/4"	G3/4"
E	NPT1/4"	NPT3/4"	NPT3/4"

FAL-75

	1	2	3
D	NPSF1/8"	G3/4"	G3/4"
B	NPSF1/8"	NPT3/4"	NPT3/4"
AD	G1/4"	G3/4"	G3/4"
E	NPT1/4"	NPT3/4"	NPT3/4"

外形尺寸(mm) Dimensions (mm)

FAL-100

	1	2	3
D	NPSF1/8"	G3/4"	G3/4"
B	NPSF1/8"	NPT3/4"	NPT3/4"
AD	G1/4"	G3/4"	G3/4"
E	NPT1/4"	NPT3/4"	NPT3/4"

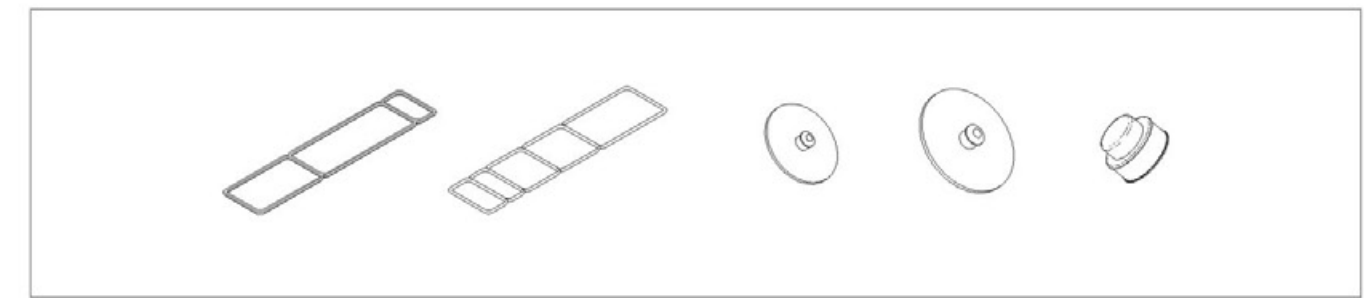
FAL-125

	1	2	3
D	G1/4"	G1"	G1"
B	NPT1/4"	NPT1"	NPT1"
AD	G1/4"	G1"	G1"
E	NPT1/4"	NPT1"	NPT1"

FAL-150

	1	2	3
D	G1/4"	G1"	G1"
B	NPT1/4"	NPT1"	NPT1"
AD	G1/4"	G1"	G1"
E	NPT1/4"	NPT1"	NPT1"

維修組件 Repair kits



型號 Model	訂購碼 Ordering Code		
	丁腈橡膠 NBR	氟橡膠 VITON	三元乙丙橡膠 EPDM
FAL25	01.0025.402	01.0025.602	01.0025.802
FAL50	02.0025.402	02.0025.602	02.0025.802
FAL75	02.0075.404	02.0075.604	02.0075.804
FAL100	02.0075.404	02.0075.604	02.0075.804
FAL125	02.0125.404	02.0125.604	02.0125.804
FAL150	01.0150.404	01.0150.604	01.0150.804