

## Features

- ☆ Use with practically zero leakage present and non-porous applications
- ☆ 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



## Specifications

Air supply pressure. max.	bar	7
Noise level	dBA	60-65
Temperature range	°C	-20-80
Weight	g	530-620,690-780
Material		AL,PPS,NBR,SS

## Technical Parameters

Model	supply pressure bar	Max.vacuum level -kPa	Max.vacuum flow l/min	Air consumption l/min	Weight(PPS materials) g	Min tube innerΦ (within 2m)		
						Ari supply	Vacuum	Exhaust
AH40	6	99.8	150	155	675	>6	>8	>10
AH120		100.8	530	440	837	>9	>15	>19

## How to Order

**AH40 - D - N - A**

①      ②      ③      ④

### ① Model

AH40

AH120

### ② Connection plate

	Air Supply	Vacuum	Exhaust	Material
D	NPSF 1/8"	G 3/4"	G 3/4"	PPS
B	NPSF 1/8"	NPT 3/4"	NPT 3/4"	PPS
AD	G 1/4"	G 3/4"	G 3/4"	AL
E	NPT 1/4"	NPT 3/4"	NPT 3/4"	AL

### ③ Sealing

N	NBR
E	EPDM
V	VITON

### ④ Non-Return Valve

A	Yes
-	No

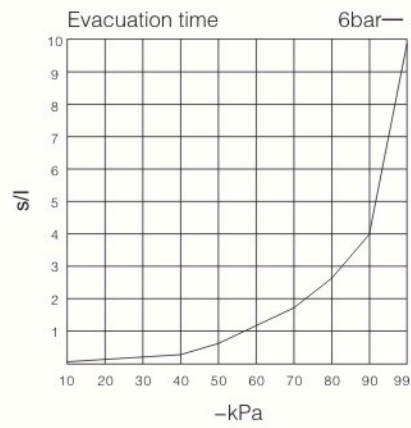
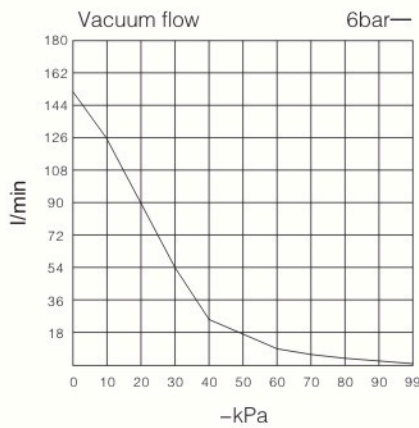
**Vacuum flow (l/min) at different vacuum levels(-kPa)**

Model	-kPa	Air supply pressure	Air consumption	0	10	20	30	40	50	60	70	80	90	99	Max.vacuum level
AH40	6 bar	6 bar	155 l/min	150	145	105	52.5	27.5	20.5	15	8.5	5.5	3	0.2	-99.8kPa
AH120			440 l/min	530	420	265	141	85	65	45	33	21.5	6	0.5	-100.8kPa

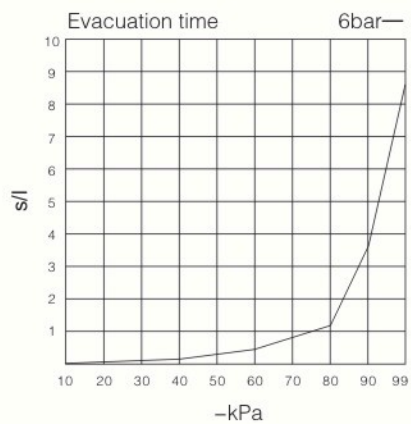
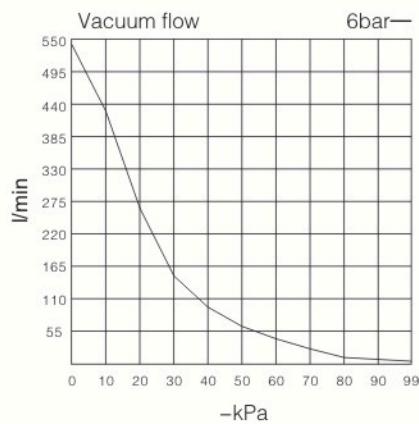
**Evacuation time (s/l) to reach different vacuum levels(-kPa)**

Model	-kPa	Air supply pressure	Air consumption	10	20	30	40	50	60	70	80	90	99	Max.vacuum level
AH40	6 bar	6 bar	155 l/min	0.035	0.078	0.18	0.32	0.64	1.3	1.8	2.6	3.9	9.8	-99.8kPa
AH120			440 l/min	0.02	0.036	0.08	0.14	0.25	0.38	0.66	1.08	3.6	8.5	-100.8kPa

**• AH40**



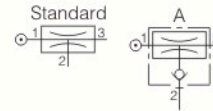
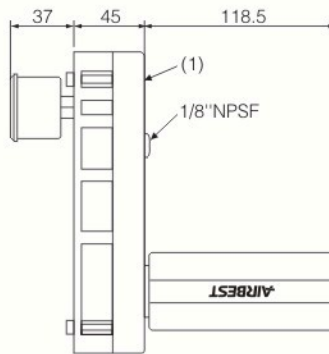
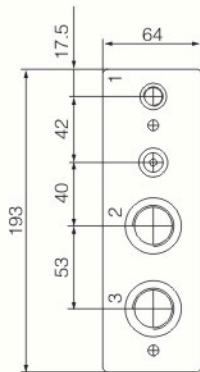
**• AH120**



- ABM
- ABX
- ABM/ABX Combined type
- AM
- AL
- AH
- AM Combined type
- AL Combined type
- AH Combined type
- AZL112
- AZL212
- ACP
- ACPF
- ACV
- AZH
- AZU
- ASBP

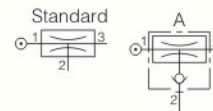
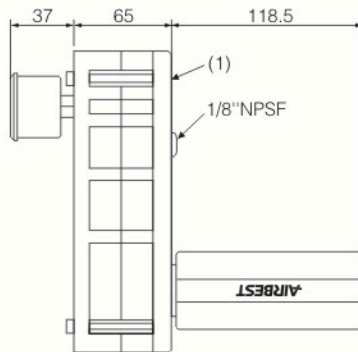
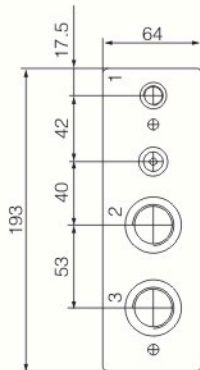
**Dimensions (mm)**

• **AH40**



	1	2	3
D	NPSF 1/8"	G 3/4"	G 3/4"
B	NPSF 1/8"	NPT 3/4"	NPT 3/4"
AD	G 1/4"	G 3/4"	G 3/4"
E	NPT 1/4"	NPT 3/4"	NPT 3/4"

• **AH120**



	1	2	3
D	NPSF 1/8"	G 3/4"	G 3/4"
B	NPSF 1/8"	NPT 3/4"	NPT 3/4"
AD	G 1/4"	G 3/4"	G 3/4"
E	NPT 1/4"	NPT 3/4"	NPT 3/4"