

- Three stage vacuum cartridge generator
- High efficiency inline multi stage cartridge venturi technology
- Ideal for centralized vacuum systems
- Very quiet operation, as low as 45dB(A)w
- Can be used with ESK energy savings system
- Vacuum levels to 28.4" Hg



AMC25	L	CA	F	V	R		
Model	Vacuum		Ports		Seal Material	NRV	Gauge
AMC25	L	22.5" Hg	Code	Supply	Vacuum	Exhaust	NBR
AMC50	H	28.5" Hg	CA	G1/4	G3/4	G1	Fluorocarbon
AMC75			CC	G1/4	G1	G1	V YES
AMC100							F NO
AMC125							R YES
AMC150							NO

Part Number Example - AMC25L-CA-N-V-R

Vacuum generator with a maximum vacuum of 22.5" Hg with BSPP(G) threaded ports, fluorocarbon seals, a non-return valve and vacuum gauge.

- Spare vacuum cartridges for the cartridge vacuum venturi
- Can be integrated into OEM machinery design
- Various vacuum flow and vacuum level options
- Multi stage venturi technology
- All composite construction
- Lightweight



Energy Saving Kits

This assembly connects directly to the AMC venturi models and offers an ON/OFF function for the vacuum generator depending on the vacuum level in the attached system. The switch has a set point range of -16 to -90kPa (5-27" Hg) and is ideal for centralized vacuum systems or systems using vacuum valves as the operator. Vacuum generator models with a non return valve (NRV or check valve) on the vacuum inlet should be ordered for use with the energy saving kit. Therefore the table below shows the designated suffix (A) for this option.

NRV Generator	ESK Part Ref
AMC25	ESK25
AMC50	
AMC75	
AMC100	ESK100
AMC125	
AMC150	ESK150



SPECIFICATIONS

Model	Maximum Vacuum	Maximum Vacuum Flow		Maximum Air Use		Weight	
		l/min	CFM	l/min	CFM	g	oz
AMC25L	-75kPa 22.5" Hg	360	12.7	130	4.6	430	15.1
AMC50L		710	25.1	260	9.2	435	15.2
AMC75L		1050	37.1	390	13.8	625	21.9
AMC100L		1410	49.8	520	18.4	625	21.9
AMC125L		1500	53.0	650	23.0	825	28.9
AMC150L		1690	59.7	780	27.6	830	29.1
AMC25H	-95kPa 28.5" Hg	354	12.5	135	4.8	430	15.1
AMC50H		700	24.7	270	9.5	435	15.2
AMC75H		980	34.6	405	14.3	625	21.9
AMC100H		1380	48.8	540	19.1	625	21.9
AMC125H		1480	52.3	675	23.9	825	28.9
AMC150H		1650	58.3	810	28.6	830	29.1

FLOW PERFORMANCE

Model	Supply Pressure	Air Use l/min	Vacuum Flow (l/min) at Different Vacuum Levels (-kPa)									Max Vacuum
			0	10	20	30	40	50	60	70	80	
AMC25L	6bar(g)	130	360	210	156	102	54	36	30	21	-	-
AMC50L		260	710	420	312	204	108	72	60	42	-	-
AMC75L		390	1050	630	468	306	162	108	90	66	-	-
AMC100L		520	1410	840	624	408	216	144	120	84	-	-
AMC125L		650	1500	948	744	510	270	180	150	126	-	-
AMC150L		780	1690	1074	888	612	324	216	180	132	-	-

Model	Supply Pressure	Air Use CFM	Vacuum Flow (CFM) at Different Vacuum Levels (inHg)									Max Vacuum
			0	3	6	9	12	15	18	21	24	
AMC25L	87psi(g)	4.6	12.7	7.4	5.5	3.6	1.9	1.3	1.1	0.7	-	-
AMC50L		9.2	25.1	14.8	11.0	7.2	3.8	2.5	2.1	1.5	-	-
AMC75L		13.8	37.1	22.3	16.5	10.8	5.7	3.8	3.2	2.3	-	-
AMC100L		18.4	49.8	29.7	22.1	14.4	7.6	5.1	4.2	3.0	-	-
AMC125L		23.0	53.0	33.5	26.3	18.0	9.5	6.4	5.3	4.5	-	-
AMC150L		27.6	59.7	38.0	31.4	21.6	11.5	7.6	6.4	4.7	-	-

FLOW PERFORMANCE

Model	Supply Pressure	Air Use l/min	Vacuum Flow (l/min) at Different Vacuum Levels (-kPa)									Max Vacuum
			0	10	20	30	40	50	60	70	80	
AMC25H	4.5bar(g)	135	354	180	120	78	43.8	34.8	25.8	19.2	10.8	1.8
AMC50H		270	700	360	240	156	87.6	69.6	51.6	38.4	21.6	3.6
AMC75H		405	980	540	360	234	131.4	104.4	77.4	57.6	32.4	5.4
AMC100H		540	1380	720	480	312	175.2	139.2	103.2	76.8	43.2	7.2
AMC125H		675	1480	810	570	390	219	174	129	96	54	9
AMC150H		810	1650	918	684	468	262.8	206.4	154.8	115.2	64.8	10.8

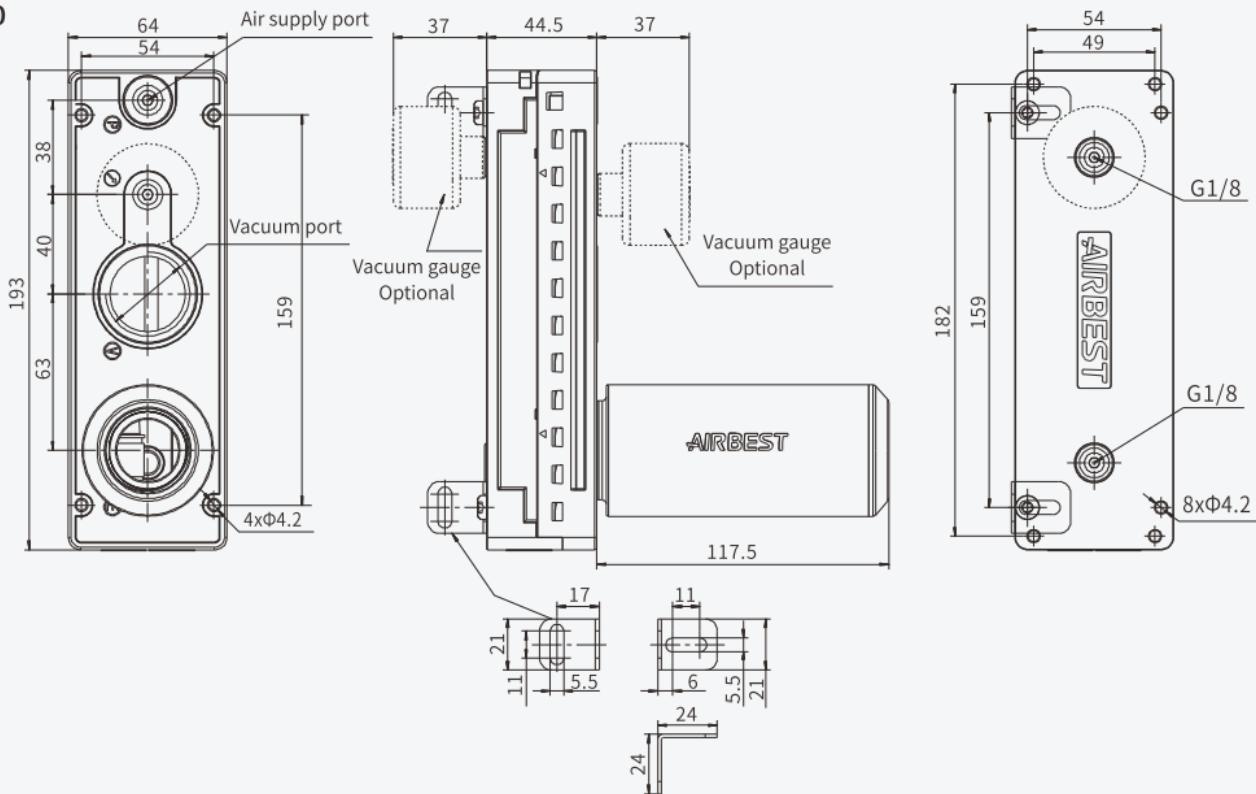
Model	Supply Pressure	Air Use CFM	Vacuum Flow (CFM) at Different Vacuum Levels (inHg)									Max Vacuum
			0	3	6	9	12	15	18	21	24	
AMC25H	66psi(g)	4.8	12.5	6.4	4.2	2.8	1.5	1.2	0.9	0.7	0.4	0.1
AMC50H		9.5	24.7	12.7	8.5	5.5	3.1	2.5	1.8	1.4	0.8	0.1
AMC75H		14.3	34.6	19.1	12.7	8.3	4.6	3.7	2.7	2.0	1.1	0.2
AMC100H		19.1	48.8	25.4	17.0	11.0	6.2	4.9	3.6	2.7	1.5	0.3
AMC125H		23.9	52.3	28.6	20.1	13.8	7.7	6.1	4.6	3.4	1.9	0.3
AMC150H		28.6	58.3	32.4	24.2	16.5	9.3	7.3	5.5	4.1	2.3	0.4

TIME PERFORMANCE

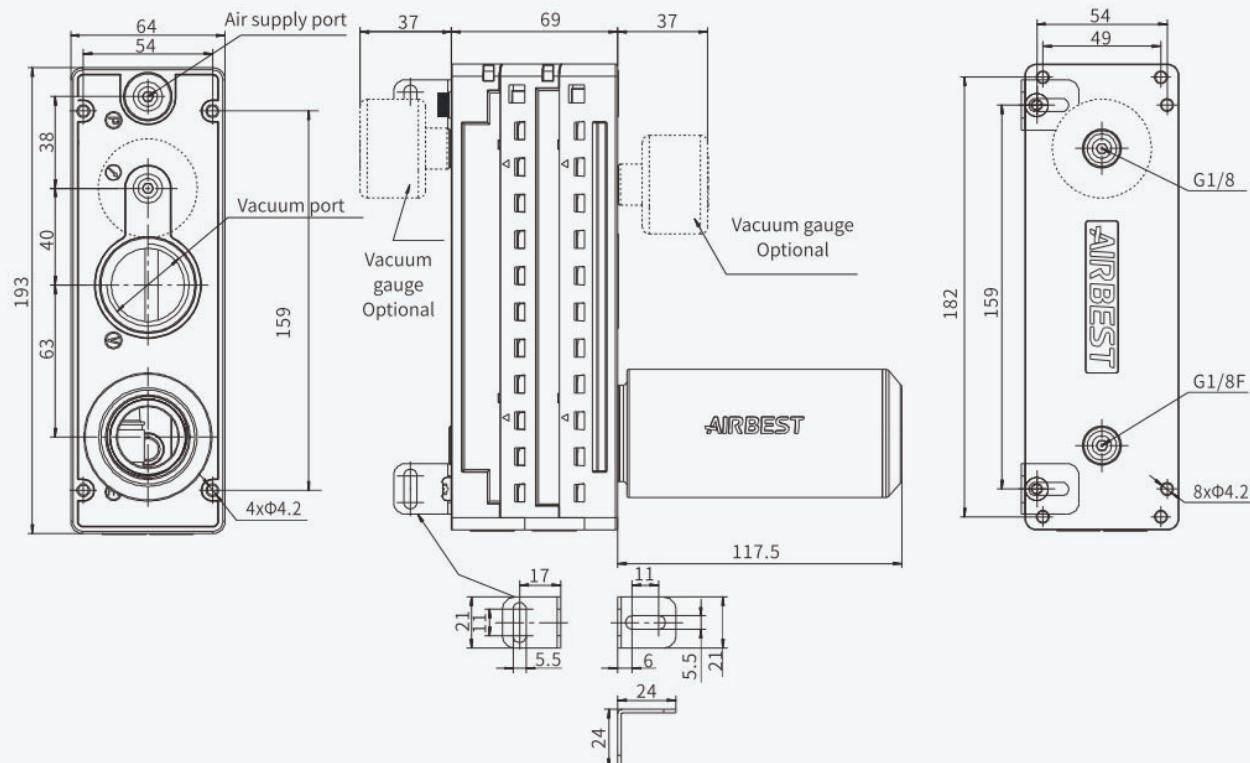
Model	Supply Pressure	Air Use l/min	Time to Evacuate a Volume (s/l) to Specific Vacuum Levels (-kPa)									Max Vacuum
			10	20	30	40	50	60	70	80	90	
AMC25L	6bar(g)	130	0.02	0.05	0.1	0.18	0.33	0.53	0.8	-	-	-75kPa
AMC50L		260	0.01	0.025	0.05	0.09	0.17	0.27	0.4	-	-	
AMC75L		390	0.007	0.17	0.033	0.06	0.11	0.18	0.27	-	-	
AMC100L		520	0.005	0.13	0.025	0.045	0.083	0.13	0.2	-	-	
AMC125L		650	0.005	0.12	0.022	0.036	0.066	0.11	0.16	-	-	
AMC150L		780	0.004	0.01	0.018	0.03	0.055	0.09	0.16	-	-	
AMC25H	4.5bar(g)	135	0.022	0.062	0.12	0.22	0.37	0.57	0.84	1.2	2.2	-95kPa
AMC50H		270	0.011	0.031	0.06	0.11	0.19	0.29	0.42	0.6	1.1	
AMC75H		405	0.007	0.021	0.04	0.07	0.12	0.19	0.28	0.4	0.73	
AMC100H		540	0.006	0.016	0.03	0.055	0.09	0.14	0.21	0.3	0.55	
AMC125H		675	0.005	0.014	0.026	0.044	0.07	0.11	0.17	0.24	0.44	
AMC150H		810	0.005	0.012	0.022	0.04	0.06	0.1	0.14	0.2	0.37	

TIME PERFORMANCE

Model	Supply Pressure	Air Use CFM	Time to Evacuate a Volume (s/ft ³) to Specific Vacuum Levels (inHg)									Max Vacuum
			10	20	30	40	50	60	70	80	90	
AMC25L	87psi(g)	4.6	0.6	1.4	2.8	5.0	9.2	14.8	22.4	-	-	22.5" Hg
AMC50L		9.2	0.3	0.7	1.4	2.5	4.8	7.6	11.2	-	-	
AMC75L		13.8	0.2	4.8	0.9	1.7	3.1	5.0	7.6	-	-	
AMC100L		18.4	0.1	3.6	0.7	1.3	2.3	3.6	5.6	-	-	
AMC125L		23.0	0.1	3.4	0.6	1.0	1.8	3.1	4.5	-	-	
AMC150L		27.6	0.1	0.3	0.5	0.8	1.5	2.5	4.5	-	-	
AMC25H	66psi(g)	4.8	0.6	1.7	3.4	6.2	10.4	16.0	23.5	33.6	61.6	28.5" Hg
AMC50H		9.5	0.3	0.9	1.7	3.1	5.3	8.1	11.8	16.8	30.8	
AMC75H		14.3	0.2	0.6	1.1	2.0	3.4	5.3	7.8	11.2	20.4	
AMC100H		19.1	0.2	0.4	0.8	1.5	2.5	3.9	5.9	8.4	15.4	
AMC125H		23.9	0.1	0.4	0.7	1.2	2.0	3.1	4.8	6.7	12.3	
AMC150H		28.6	0.1	0.3	0.6	1.1	1.7	2.8	3.9	5.6	10.4	

AMC25-50


AMC75-100



AMC125-150

