AIRTECH GROUP

A Unit of IDEX Corporation

3AL SERIES

VACUUM PUMPS
OIL-FREE TECHNOLOGY

FEATURES

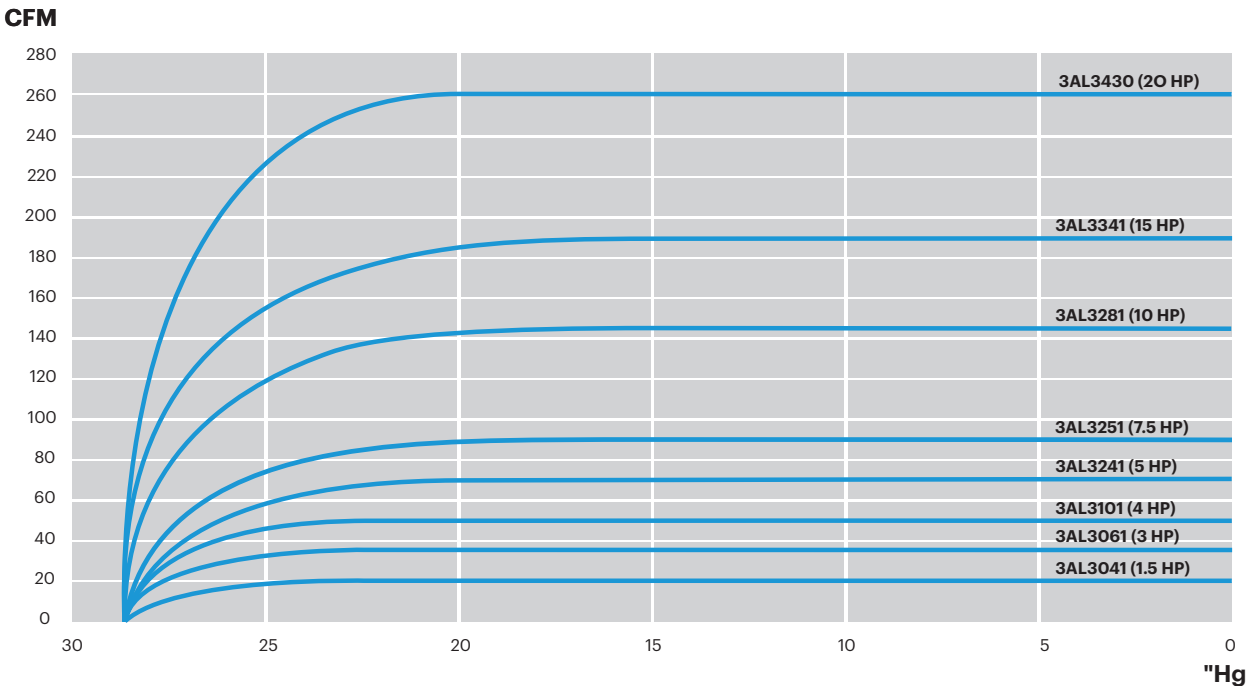
- Environmentally Friendly Oil- Free Design
- Self Contained
- Maintenance Free
- All steel shell with stainless reservoir for additional durability
- Food-grade configuration with all external components in 304 Stainless available
- Compact and quiet operation
- Easy to install
- Maximum vacuum of 28.5 Hg
- All stainless steel units available



The Airtech 3AL vacuum pump uses proven liquid ring technology in an air-cooled self-contained package, offering reliable operation with only a small amount of make-up water needed for some applications.

A low maintenance alternative to rotary vane, screw and piston type vacuum pumps that is especially suitable for high water-vapor applications and which reduces maintenance to a minimum.

PERFORMANCE CURVE



AIRTECH, INC.
RUTHERFORD, NJ 07070
WWW.AIRTECHUSA.COM
TEL: (888) 222-9940
FAX: (201) 569-1696

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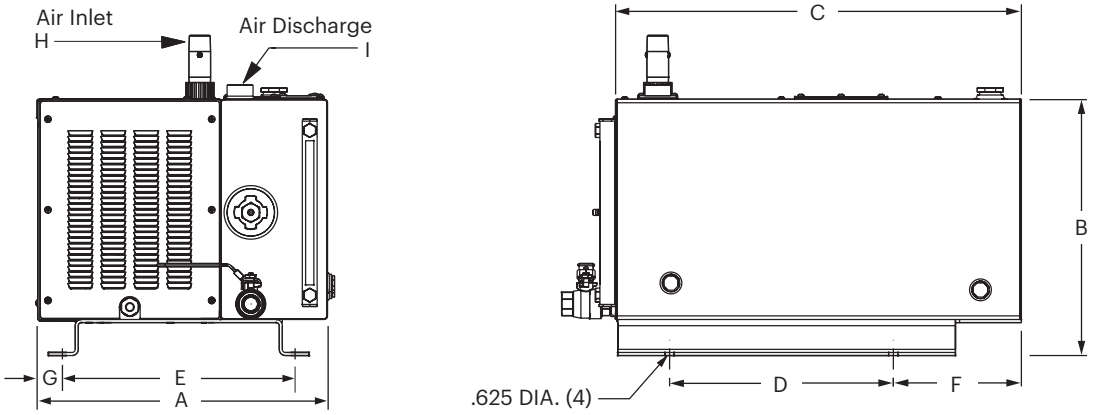
RECOMMENDED ACCESSORIES

LEVEL SWITCHES
Available in single, dual, or three-level configurations, Complete with stainless steel custom manufactured flange adaptor and stainless steel float.

DRAIN ADAPTER VALVE

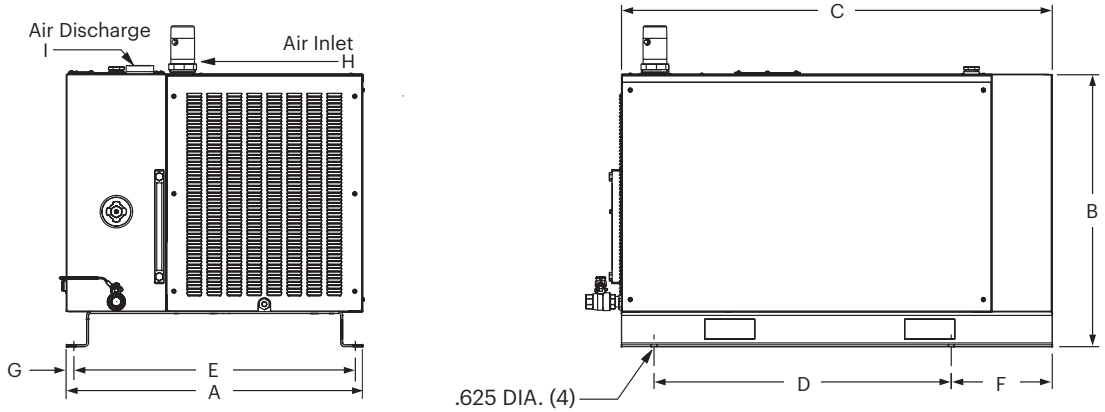
OVERFLOW VALVE

DIMENSIONS (INCHES) 3AL3041 - 3AL3061



Model	A	B	C	D	E	F	G	H	I
3AL3041	21	18.8	30	17.8	19.5	9.0	0.8	1″	1″
3AL3061	21	18.8	30	17.8	19.5	9.0	0.8	1.5″	1.5″
3AL3101	29.7	27.2	43.1	29.7	28.2	10.1	0.8	2″	2″
3AL3241	29.7	27.2	43.1	29.7	28.2	10.1	0.8	2″	2″
3AL3251	29.7	27.2	43.1	29.7	28.2	10.1	0.8	2″	2″
3AL3281	29.7	27.2	43.1	29.7	28.2	10.1	0.8	2″	2″
3AL3341	32.7	32.0	57.8	45.0	30.0	3.5	1.0	2.5″	2.5″
3AL3430	32.7	32.0	57.8	45.0	30.0	3.5	1.0	2.5″	2.5″

DIMENSIONS: (INCHES) 3AL3101 - 3AL3430



PERFORMANCE DATA - VACUUM (60 HZ)

Model	Rated HP	CFM	Voltage Range	Max. Amps	Sound Level dB(A)	Weight (lbs.)
3AL3041	1.5	18	208/230 or 460V	4.8/2.5	66	140
3AL3061	3	33	208/230 or 460V	8.7/4.3	70	150
3AL3101	4	48	208/230 or 460V	12.3/6.6	74	335
3AL3241	5	72	208/230 or 460V	18/9.6	74	360
3AL3251	7.5	86	208/230 or 460V	26.6/12.6	71	380
3AL3281	10	144	208/230 or 460V	32.2/15.9	73	470
3AL3341	15	187	208/230 or 460V	67.0/25.5	76	950
3AL3430	20	262	208/230 or 460V	73.0/28.8	76	1000

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