

Air Dimensions Heated Head Dia-Vac® Pump Categories

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Micro Dia-Vac® PUMP DESIGNATIONS

CAPACITY			WETTED MATERIALS		POWER			OPTIONAL
STYLE	ECC.	HEADS	HEAD	DIAPHRAGM	TYPE	VOLTS	Hz	OPTIONS
B=Micro	16	1	A=Alum	E=Encapsulated**	A=Gen. Pur.	A=115	0=N/A	L=Elevated Head LA=Elevated w/Alum Spacer M=Heated w/K Thermocouple M1=Heated PT100 RTD Z=Rotate Housing 180°
	14	2	B=Alum (TFE-Co)	P=All Teflon	H=Brushless DC*	B=230	1=60 1Ph	
	12		F=316ss		J=Brush DC*	H=12	2=50 1Ph	
	10		G=316ss (TFE-Co)			J=24		
	08		T-Solid Teflon®					

**Teflon Head Only

*Single Hd. Only

Example: B161-FP-AA1 = Single Head Micro Dia-Vac® pump, 316 ss wetted parts, All-Teflon diaphragm, 115v/60Hz GP motor

Please note that ADI will always attempt to accommodate any custom applications that you may have.

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MACRO Dia-Vac® PUMP DESIGNATIONS

CAPACITY			WETTED MATERIALS		POWER			OPTIONAL
STYLE	ECC.	HEADS	HEAD	DIAPHRAGM	TYPE	VOLTS	Hz	OPTIONS
J=Macro	16 14*	1	A=Alum B=Alum (TFE-Co) F=316 ss L=Silconert® 316ss	F=Tef/Viton P=All Teflon	A=Gen. Pur. H=Brushless DC J=Brush DC*	A=115 H=12 J=24	0=N/A 1=60 1Ph 2=50 1Ph	L=Elevated Head M=Heated w/K Thermocouple M1=Heated PT100 RTD W=Compact fit design*

*Heated and Elevated only

*24v only

*Contact Factory for details

Example: J161-AF-AA1 = Macro Dia-Vac® pump, Aluminum wetted parts, Teflon/Viton diaphragm 115v 60Hz GP motor

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Mini Dia-Vac® PUMP DESIGNATIONS

CAPACITY			WETTED MATERIALS		POWER			OPTIONAL
STYLE	ECC.	HEADS	HEAD	DIAPHRAGM	TYPE	VOLTS	Hz	OPTIONS
M=Mini	16	1	A=Alum	E=Encapsulated**	A=Gen. Pur.	A=115	0=N/A	L=Elevated Head
	15	2	B=Alum (TFE-Co)	N=EPDM	D=Air	B=230	1=60 1Ph	M=Heated w/K Thermocouple
	14		F=316ss	P=All Teflon	G=XP/ATEX/ IIC	X=N/A	2=50 1Ph	M1=Heated PT100 RTD
	12		G=316ss (TFE-Co)	T=Tef/EPDM	W=Class I Division II			M2=Heated 65°C Thermostat
	10		H=Hast C	V=Viton	(Hazardous Area)			M2=Heated 65°C Thermostat
	08		J=Hast C (TFE-Co)					M3=Heated 100°C Thermostat
			L=Silconert® 316ss					M4=Heated 140°C Thermostat
			P=Electro Polish					M5=Heated 163°C Thermostat
			T-Solid Teflon®					M6=Heated 200°C Thermostat

**Teflon Head Only

Example: M161-FT-AA1 = Mini Dia-Vac® Pump, 316 ss wetted parts, Teflon/EPDM, 115v/60Hz General Purpose motor

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STANDARD Dia-Vac® PUMP DESIGNATIONS

CAPACITY			WETTED MATERIALS		POWER			OPTIONAL	
STYLE	Eccentric	HEADS	HEAD	DIAPHRAGM	TYPE	VOLTS	Hz	OPTIONS	OPTIONS
R=Standard	27	1	A=Alum	E=Encapsulated*	A=Gen. Pur.	A=115	0=N/A	A=416ss Valve Disc's	M=Heated w/K Thermocouple
	25	2	B=Alum (TFE-Co)	F=Tef/Viton	B=Gen. Pur. Hi-Speed	B=230	1=60 1Ph	B=Head At Both Ends	M1=Heated PT100 RTD
	22	4	F=316ss	N=EPDM	C=TEFC	D=220/380	2=50 1Ph	C=Power Cord	M2=Heated 65°C Thermostat
	20	8	G=316ss (TFE-Co)	P=All Teflon	D=Air	E=230/460	3=60 3Ph	D=Double Diaphragm	M3=Heated 100°C Thermostat
	18		H=Hast C	T=Tef/EPDM*	E=XP (Gr CD)	F=460	4=50 3Ph	E=Extended Head	M4=Heated 140°C Thermostat
	15		J=Hast C (TFE-Co)	V=Viton	G=XP/ATEX/ IIC	H=12		G=EPDM Gasket	M5=Heated 163°C Thermostat
	12		L=Silconert® 316ss		J=Brush DC	J=24		H=Viton Gasket	M6=Heated 200°C Thermostat
	10		P=Electro Polish		M=TEFC 1/2HP	K=90		L=Elevated Head	M8=Heated Steam (XP)
	08		T=Teflon		N=XP(Gr CD)1/2HP	X=N/A			X=Rotate Housing 90° CW
	06				R=XP Gr.B,C,D (UL)				Y=Rotate Housing 90° CCW
					V=XP (C,D) 1HP				Z=Rotate Housing 180°

*Teflon Head Only

Example: R221-FT-AA1 = Single Head Dia-Vac pump, 316 ss wetted parts, Teflon/EPDM diaphragm, 115v/60Hz GP motor

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HIGH PERFORMANCE Dia-Vac® PUMP DESIGNATIONS

CAPACITY			WETTED MATERIALS		POWER			OPTIONAL
STYLE	Eccentric	HEADS	HEAD	DIAPHRAGM	TYPE	VOLTS	Hz	OPTIONS
H=Hi-Perf.	30*	1 2	F=316ss L=Silconert® 316ss	P=All Teflon T=Tef/EPDM	A=Gen. Pur. G=XP/ATEX/ IIC M=TEFC 1/2HP N=XP (Gr CD)	A=115 B=230 D=220/380 E=230/460	1=60 1Ph 2=50 1Ph 3=60 3Ph 4=50 3Ph	C=Power Cord (GP motor only) M=Heated w/K Thermocouple M1=Heated w/PT100 RTD M2=Heated 65°C Thermostat M3=Heated 100°C Thermostat M4=Heated 140°C Thermostat M5=Heated 163°C Thermostat M6=Heated 200°C Thermostat

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Example: H302-FT-AA1 = Hi-Performance Dia-Vac® pump with 316 ss wetted parts, Teflon/EPDM diaphragm, 115v 60Hz GP motor.

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