

- Pilot Assisted Poppet valves
- 12VDC, 24VDC, 110VAC & 230VAC
- 1/2, 3/4 & 1 Ports
- Full Size Orifice
- 3-way Operation
- Aluminum Construction

3V		JZF		15		EP	
Type		Series		Port Size		Pilot	
3A	Pilot			15EP	1/2		Internal*
3V	Solenoid			20EP	3/4	EP	External
				25EP	1		

**Internal Pilot only suitable for pressure operation. Vacuum applications require external pilot models (EP).*



The JZF series of vacuum valves have been developed to offer a high vacuum flow control solution when using larger vacuum pumps or generators. With port sizes of either 1/2, 3/4 or 1NPT, these vacuum valves have a very fast reaction time in comparison to actuated ball and gate valves, which are normally used in high flow vacuum applications. The vacuum models require an external pilot. For pressure only operation an internal pilot is sufficient. Manufactured in painted cast aluminum with Nitrile rubber seals and available with special seal materials on request, the JZF series stands alone in its performance and ownership cost.

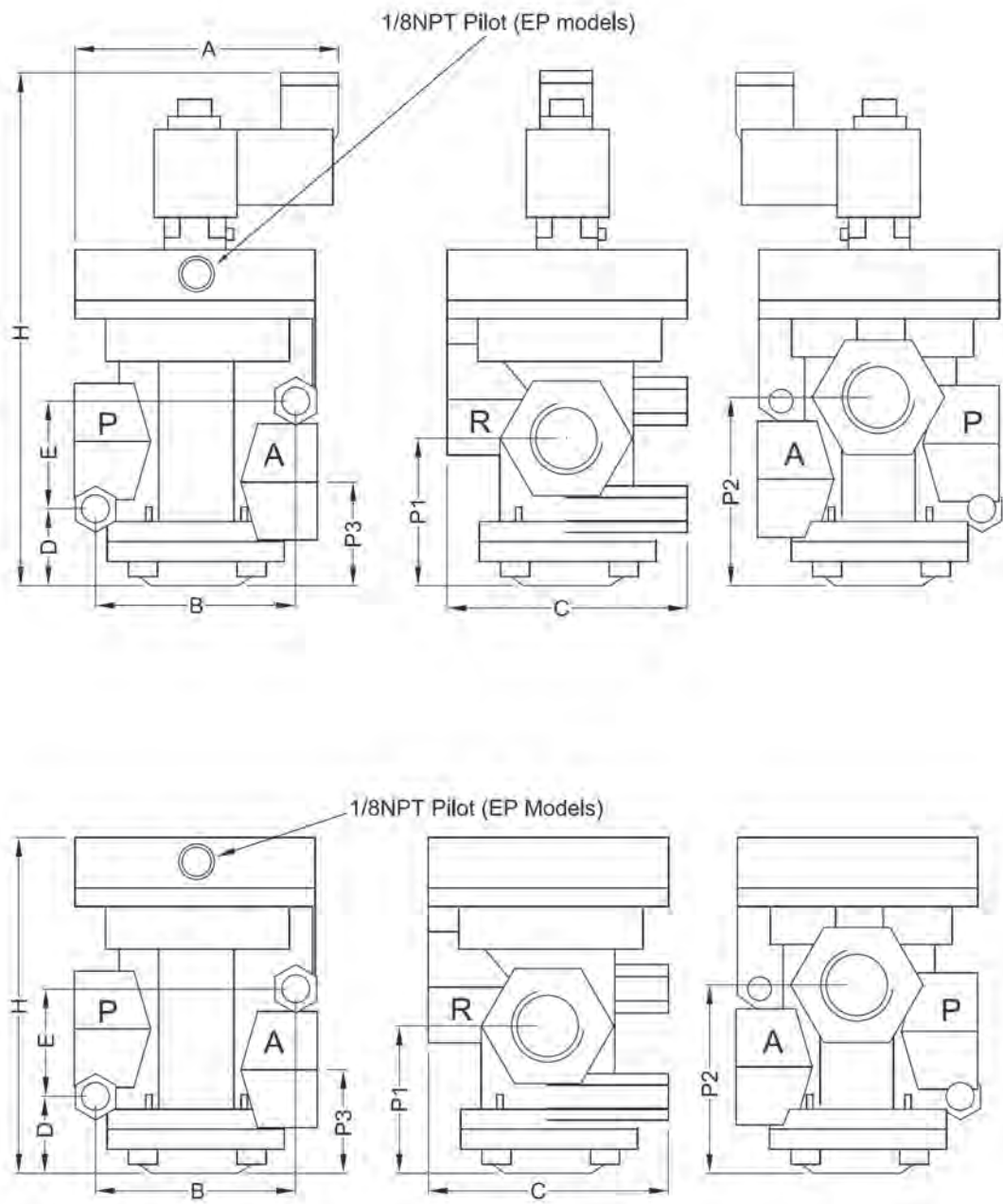


The 3VJZF series of valves are supplied without coils which must be ordered separately. Please select from the table below.

Model	Voltage
210DIN12VDC	12VDC
210DIN24VDC	24VDC
210DIN110VAC	110VAC
210DIN230VAC	230VAC

	3AJZF-15EP	3AJZF-20EP	3AJZF-25EP	3VJZF-15EP	3VJZF-20EP	3VJZF-25EP
Working Medium	Air					
Operation	Pilot Operated			Solenoid Operated / Pilot Assisted		
Port Size	1/2NPT	3/4NPT	1NPT	1/2NPT	3/4NPT	1NPT
Orifice Size	Ø15mm	Ø25mm		Ø15mm	Ø25mm	
Working Pressure	Vacuum of 0 to -100kPa (0-29.9”Hg) Pressure of 0-10bar (0-150psi)					
Body Material	Painted Aluminum					
Seal Material	NBR (special seals available on request)					
Operating Temperature	-5°C to +70°C (23°F to 158°F)					
Service Life	≥5M					
Flow Rate	800l/min (28CFM)	2031l/min (71CFM)		800l/min (28CFM)	2031l/min (71CFM)	
Pilot Port	1/8					

DIMENSIONS (mm)



Model	A	B	C	D	E	P1	H	P2	P3
3AJZF-15EP	-	62.5	75	23	32.5	44	101	55	32
3AJZF-20/25EP	-	76	94	20.5	38.5	48	117	62	34
3VJZF-15EP	87	62.5	75	23	32.5	44	164	55	31
3VJZF-20/25EP	96	76	94	20.5	38.5	48	177	62	34