






# Check Valve



● Standard ○ Selectable by model or option

Series	Body material*1	Max. operating pressure		Cracking pressure		Cv*2	Connection size [inch]	Connection type		Page	
		psig	MPa	psid	MPa			Connection	Fitting		
AP64		316L VAR	3500	24.1	3	0.023	0.4 max	1/4	Welded	● Face seal ○ Tube weld	231

# Vacuum Generators

Series	Body material*1	Max. operating pressure		Modules*3	Check valve cracking pressure		Constant bleed	Connection size [inch]	Connection type		Page	
		in.Hg (Torr)	kPa		psid	MPa			Connection	Fitting		
AP7		316L	-26 (100)	-88		—	—		1/4 3/8	Welded	● Face seal ○ Tube weld	233
AP70		316L	-26 (100)	-88		—	—		1/4 3/8			
AP71		316L	-26 (100)	-88	●	3	0.023	○	1/4 3/8			235
AP72		316L VAR	-26 (100)	-88	●	3	0.023	○	1/4 3/8			237

# Flow Switches

Series	Body material*1	Max. operating pressure		Flow, at 100 psig (0.69 MPa) N2 slpm	Connection size [inch]	Connection type		Page	
		psig	MPa			Connection	Fitting		
AP74		316L VAR	3500	24.1	2 5 10 25 50 100	1/4	Welded	239	
AP74B		316L	3500	24.1	225 350 500 950	1/2			● Face seal ○ Tube weld
			3000	20.7	1100 1650 2600	3/4		● Tube weld	241
			2200	15.2	3000 4000	1			
			1300	9.0	5000 6000	1 1/2			

\*1 316L VAR: 316L SS secondary remelt, 316L: 316L SS

\*2 In accordance with SEMI F32

\*3 Monoblock vacuum generator, N2 supply valve and check valve