

VACUUM AND PRESSURE RELIEF VALVES



The **CARY** Vacuum and Pressure Relief Valves are designed to protect Ring Compressors from overheating either in a vacuum or pressure (“Dead Head”) condition. Valves are preset to provide protection for each Ring Compressor. Valves are also adjustable to approximately 65% of max setting for vacuum or pressure. Valves for Fuji Models VFC300A or P; VFC400A or P; VFZ401A; VFC500A or P; & VFZ501A are 1-1/2” NPT size. Valves for Fuji Models VFC600A; VFZ601A; VFC700A; VFZ701A; VFC800A & VFZ801A are 2” NPT. Models VFC904A & VFZ901A are 2-1/2” NPT valve size.

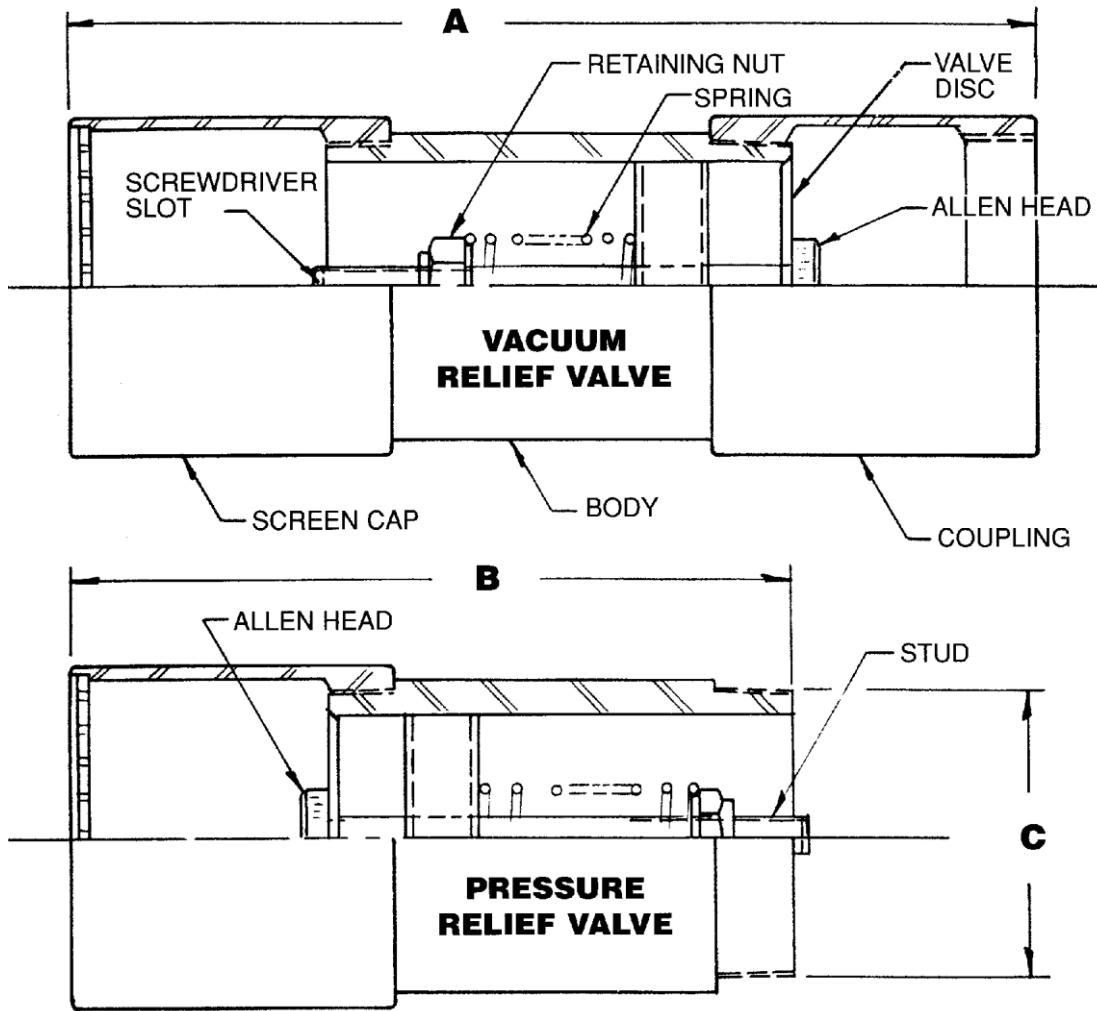
Valves should be checked periodically to assure proper setting.

VACUUM AND PRESSURE RELIEF VALVE SETTINGS

	Model	Valve Size	Ring Compressor	Factory Set H2O (Max. Continuous Operating Pressure)	Adjustment Range	
VACUUM	VV3	1-1/2”NPT	VFC300	41”	41” to 29”	
	VV4	1-1/2”NPT	VFC400	48”	48” to 34”	
	VV5	1-1/2”NPT	VFC500	75”	75” to 51”	
	VV6	2” NPT	VFC600	86”	86” to 62”	
	VV7	2” NPT	VFC700	89”	89” to 64”	
	VV8	2” NPT	VFC800	101”	101” to 75”	
	VV9	2-1/2” NPT	VFC904/VFZ901	99”	99” to 75”	
	PRESSURE	PV3	1-1/2”NPT	VFC300	45”	45” to 32”
		PV4	1-1/2”NPT	VFC400/VFZ401	54”	54” to 38”
PV5		1-1/2”NPT	VFC500/VFZ501	77”	77” to 52”	
PV6		2” NPT	VFC600/VFZ601	112”	112” to 73”	
PV7		2” NPT	VFC700/VFZ701	117”	117” to 74”	
PV8		2” NPT	VFC800/VFZ801	115”	115” to 75”	
PV9		2-1/2” NPT	VFC904/VFZ901	125”	125” to 82”	

Factory setting within Adjustment Range may be made if specified on order.

IMPORTANT: For use with blowers other than FUJI models, please consult your manufacturer’s operating manual.



To adjust Vacuum or Pressure Relief Valve, remove Screen Cap, hold Retaining Nut or Allen Head with Wrench and turn stud with screwdriver. It is suggested that a vacuum or pressure gauge be used to make accurate adjustments.

Ring Compressor	A	B	C
VFC300, 400, 500; VFZ401 & 501	6-1/4"	4-11/16"	1-1/2" NPT
VFC600, 700, 800; VFZ601, 701, 801	6-1/4"	4-11/16"	2" NPT
VFC904; VFZ901	9-3/8"	6-3/4"	2-1/2" NPT