

						
SERIES	SAV & SAV+	AV2 & AV3	SAV Manifold	NP	HICV	MX
DESCRIPTION	PNEUMATIC SHUT-OFF DIAPHRAGM VALVE	MANUAL SHUT-OFF DIAPHRAGM VALVE	PNEUMATIC DIAPHRAGM MANIFOLD	HIGH RESOLUTION (20+ TURN) NEEDLE VALVE	PRESSURE REGULATOR / PULSATION DAMPENERS	STATIC INLINE MIXER
APPLICATIONS	CHEMICAL DISPENSING, CMP, PLATING, WAFER CLEANING	CHEMICAL DISPENSING, CMP, PLATING, WAFER CLEANING	CHEMICAL DISPENSING, CMP, PLATING, WAFER CLEANING	CHEMICAL DISPENSING, PLATING, WAFER CLEANING	CHEMICAL DISPENSING, CMP, PLATING, WAFER CLEANING	CHEMICAL MIXING/DILUTION
PLUMBING OPTIONS	FLARE (SAV+ SERIES) NIPPON PILLAR S-300 (SAV SERIES)	FLARE (AV2 SERIES) NIPPON PILLAR S-300 (AV3 SERIES)	FLARE (SAV+ SERIES) NIPPON PILLAR S-300 (SAV SERIES)	FLARE NIPPON PILLAR S-300	FLARE, NIPPON PILLAR S-300 TUBE STUB	KURABO FINAL LOCK, NIPPON PILLAR S-300, TUBE STUB
PLUMBING SIZES	1/4" 3/8" 1/2" 3/4" 1"	1/4" 3/8" 1/2" 3/4" 1"	1/4", 3/8", 1/2", 3/4", 1"	1/4", 3/8", 1/2"	1/4", 3/8", 1/2", 3/4", 1", 1 1/2"	1/4", 3/8", 1/2", 3/4", 1"
APPROX MAX FLOWRATE (GPM)	2 5.3 13 26 29.1	2.0 5.3 13.2 26.4 29.1	MANIFOLD CONFIGURATION SPECIFIC	0.07 0.17 0.29 0.40 0.61 0.77 1.16 1.53 1.90	FITTING MIN 0.03 0.5 1.3 2.6 2.6 2.6 MAX 1.3 2.6 5.3 7.9 11.9 26.4 TUBESTUB MIN 0.03 0.3 0.5 1.3 4.0 MAX 0.2 1.3 2.6 7.9 11.9	N/A
MAX FLUID PRESSURE INLET	72.5PSIG (42.5PSIG FOR HIGH TEMP VERSION)	72.5PSIG	72.5PSIG	72.5PSIG	72.5PSIG (43.5PSIG FOR TUBESTUB)	72.5PSIG
MAX FLUID PRESSURE OUTLET	72.5PSIG (42.5PSIG FOR HIGH TEMP VERSION)	72.5PSIG	72.5PSIG	72.5PSIG	72.5PSIG (14.5PSIG FOR TUBESTUB)	72.5PSIG
MAX AMBIENT TEMPERATURE	10 - 60C	10 - 60C	10 - 60C	10 - 60C	10 - 60C	10 - 60C
MAX FLUID TEMPERATURE	10 - 100C (200C @ 22PSIG MAX FOR HIGH TEMP VERSION)	10 - 100C	10 - 100C	10 - 90C	10 - 90C	10 - 90C
MATERIALS OF CONSTRUCTION	FLOW PATH: PFA, PTFE BASE: PP	FLOW PATH: PFA BASE: PP	FLOW PATH: PFA, PTFE BASE: PP	FLOW PATH: PFA, PTFE	FLOW PATH: PFA, PTFE	ELEMENT: PTFE TUBE: PFA
PILOT PORT	NPT 1/8", Rc1/8"	N/A	NPT 1/8", Rc1/8"	N/A	NPT 1/8", Rc1/8"	N/A
PILOT PORT PRESSURE	55.1 - 72.5PSIG	N/A	55.1 - 72.5PSIG	N/A	43.5PSIG MAX (14.5PSIG FOR TUBESTUB)	N/A
MINIMUM FLUID VELOCITY	N/A	N/A	N/A	N/A	N/A	APPROXIMATELY 1 METER/SEC
OPTIONS:	* HIGH TEMPERATURE (180C TYP, 200C @ 22PSIG MAX) * POSITION INDICATION * POSITION INDICATION SENSING * FLOW RESTRICTION * ADJUSTABLE FLOW RESTRICTION * ADJUSTABLE TRICKLE BYPASS * LEAK DETECTION PORT * LOCK-OUT TAG-OUT * CUSTOMIZATION	* POSITION INDICATION * POSITION INDICATION SENSING * FLOW RESTRICTION * ADJUSTABLE TRICKLE BYPASS * LEAK DETECTION PORT * LOCK-OUT TAG-OUT * CUSTOMIZATION	* HIGH TEMPERATURE (180C TYP, 200C @ 22PSIG MAX) * POSITION INDICATION * POSITION INDICATION SENSING * FLOW RESTRICTION * ADJUSTABLE FLOW RESTRICTION * ADJUSTABLE TRICKLE BYPASS * LEAK DETECTION PORT * LOCK-OUT TAG-OUT * CUSTOMIZATION	* ANGLE OR STRAIGHT CONFIGURATION * PUSH-LOCK (STANDARD) * 20+ TURN RESOLUTION (STANDARD) * MANIFOLD CONFIGURATIONS * CUSTOMIZATION	* PLUMBING PORTS (TUBE STUB, NIPPON PILLAR, & FLARE) * CUSTOMIZATION	* PLUMBING PORTS (TUBE STUB & KURABO FINALLOCK FITTING)

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