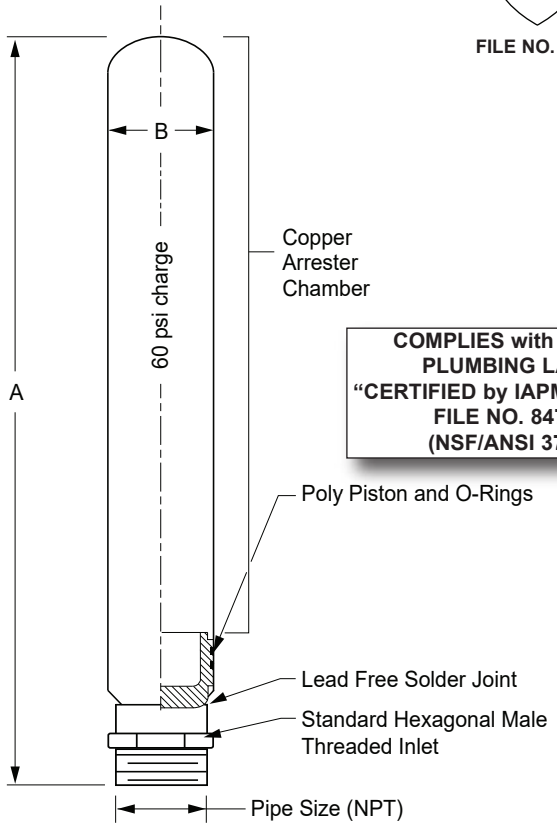


Q	SMITH® JAY R. SMITH MFG. CO.® MEMBER OF MORRIS GROUP INTERNATIONAL POST OFFICE BOX 3237 MONTGOMERY, ALABAMA 36109-0237 (USA) TEL: 334-277-8520 FAX: 888-377-7818 www.jrsmith.com  MEMBER OF:					LOCATION																																																										
	PISTON TYPE WATER HAMMER ARRESTER																																																															
	Jay R. Smith Mfg. Co.® HYDROTROL JUNIOR																																																															
	Maximum working pressure - Designed to keep residential, commercial, and industrial water lines @ 350 p.s.i. maximum working pressure during pressure surges following quick valve closure. Working TEMPERATURE RANGE - From 33° to 250° F. INSTALLATION The piston unit can be installed in new construction or renovation/remodel by threading into properly sized female I.P.S. fitting (wrench on hex). It can be installed at any angle to accommodate structural limitations, and should be placed as close to the shut-off valve as possible, one on each hot and cold line. The piston unit is seamless, factory charged with nitrogen and is maintenance free and does not require access panels. It cannot be charged in the field. TYPICAL INSTALLATIONS • Properly sized and placed the piston unit can be set in a multiple fixture branch for commercial/institutional/industrial/residential applications. PISTON UNITS Comply with the following: ASSE/ANSI 1010 Water Hammer Arrester Standard PDI WH-201 Water Hammer Arrester Standard NOTE: Systems exceeding 60 PSI(414 kPa) shall have a pressure reducing valve installed upstream of the WHA units per ASSE 1010 WHA Standard. PDI WH-201 states the pressure should not exceed 55(379 kPa) psig. Listed:  STD 1010  FILE NO. 4785 COMPLIES with LEAD PLUMBING LAW "CERTIFIED by IAPMO R & T" FILE NO. 8477 (NSF/ANSI 372) <table><thead><tr><th rowspan="2">Size</th><th rowspan="2">Sizing Symbol</th><th rowspan="2">Smith Fig. No.</th><th rowspan="2">Air Charge</th><th colspan="2">Dimensions</th><th rowspan="2">Fixture Unit Capacity</th></tr><tr><th>A</th><th>B (Dia)</th></tr></thead><tbody><tr><td>1/2 (13) NPT</td><td>AA</td><td>5201</td><td>60 psig</td><td>5 1/8"(130)</td><td>7/8"(22)</td><td>1 to 3</td></tr><tr><td>1/2 (13) NPT</td><td>A</td><td>5205</td><td>60 psig</td><td>6"(152)</td><td>1 1/8"(29)</td><td>1 to 11</td></tr><tr><td>3/4 (19) NPT</td><td>B</td><td>5210</td><td>60 psig</td><td>7 1/4"(184)</td><td>1 1/8"(29)</td><td>12 to 32</td></tr><tr><td>1 (25) NPT</td><td>C</td><td>5220</td><td>60 psig</td><td>8 3/4"(222)</td><td>1 3/8"(35)</td><td>33 to 60</td></tr><tr><td>1-1/4 (32) NPT</td><td>D</td><td>5230</td><td>60 psig</td><td>10 3/16"(259)</td><td>1 5/8"(41)</td><td>61 to 113</td></tr><tr><td>1-1/2 (38) NPT</td><td>E</td><td>5240</td><td>60 psig</td><td>11 1/8"(283)</td><td>2 1/8"(54)</td><td>114 to 154</td></tr><tr><td>2 (50) NPT</td><td>F</td><td>5250</td><td>60 psig</td><td>13"(330)</td><td>2 5/8"(67)</td><td>155 to 330</td></tr></tbody></table> ♦ AA Size for use in residential applications only. WATER HAMMER ARRESTER SIZING REFER TO PDI WH-201 (2017) WATER HAMMER ARRESTER STANDARD, TABLES IV AND V FOR FIXTURE UNIT VALUES AND SIZING. www.pdionline.org IMPORTANT INSTALL USING WRENCH ON HEX ABOVE THREADS TO PROTECT PRESSURE CHAMBER FROM DENTING.  60 psi charge Copper Arrester Chamber Poly Piston and O-Rings Lead Free Solder Joint Standard Hexagonal Male Threaded Inlet Pipe Size (NPT) NOTE: Dimensions shown in parentheses are in millimeters.							Size	Sizing Symbol	Smith Fig. No.	Air Charge	Dimensions		Fixture Unit Capacity	A	B (Dia)	1/2 (13) NPT	AA	5201	60 psig	5 1/8"(130)	7/8"(22)	1 to 3	1/2 (13) NPT	A	5205	60 psig	6"(152)	1 1/8"(29)	1 to 11	3/4 (19) NPT	B	5210	60 psig	7 1/4"(184)	1 1/8"(29)	12 to 32	1 (25) NPT	C	5220	60 psig	8 3/4"(222)	1 3/8"(35)	33 to 60	1-1/4 (32) NPT	D	5230	60 psig	10 3/16"(259)	1 5/8"(41)	61 to 113	1-1/2 (38) NPT	E	5240	60 psig	11 1/8"(283)	2 1/8"(54)	114 to 154	2 (50) NPT	F	5250	60 psig	13"(330)	2 5/8"(67)
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WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov