



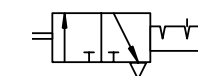
Pneumatic Air Preparation - ARV Series Manual Shut-off Pressure Relief Valves

**ARV-21****ARV-32****ARV-44**

Mounting bracket included.



Modular Assembly Example



Manual Shut-off Relief Valve

- Features**
- 1/8", 1/4", 3/8", and 1/2" NPT female port sizes
 - Three-way, two-position (3 threaded ports) design is used to shut off upstream pressure and relieve down-stream pressure
 - Manually rotated knob can be locked out with the provided padlock
 - Mounting bracket provided for stand-alone applications
 - Modular design enables easy field assembly with NITRA filters, regulators, lubricators and combination filter regulators
 - 2 year warranty



See www.AutomationDirect.com for a wide variety of fitting options

ARV Series Valves

Part No.	Price	Weight (lbs)	Port Size	Fluid	Acting Type	Valve Type	Temperature	Operating Pressure	Maximum Pressure	Proof Pressure	Operation Angle
ARV-21	\$-06kj	0.6	1/8"	Air	Manual	3 way 2 position (3 threaded ports)	-5~60°C (23~140°F)	20~130psi (0.15~0.90 MPa) (1.5~9.0 bar)	130psi (0.90MPa) (9.0 bar)	215psi (1.5MPa) (15 bar)	90°
ARV-22	\$06kk	0.6	1/4"								
ARV-32	\$-06ki	1.3	1/4"								
ARV-33	\$-06kl	1.3	3/8"								
ARV-44	\$06kh	2.1	1/2"								

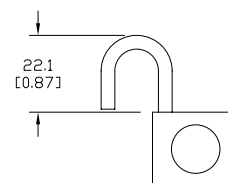
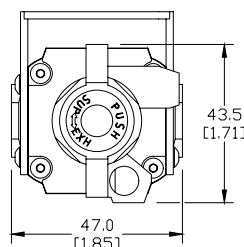
*MOUNTING BRACKET INSTALLATION OPTIONAL

Dimensions

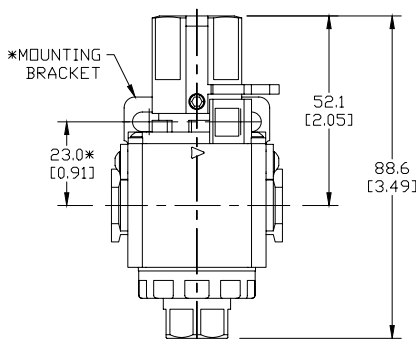
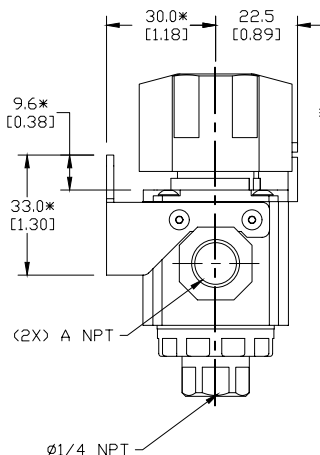
mm [inches]

ARV-2x

PART NO.	A NPT
ARV-21	1/8
ARV-22	1/4



Note: lock included with valve



Note: Unit dimensions are the same for listed models, port NPT varies based on model.

See our Web site www.AutomationDirect.com for complete Engineering drawings.



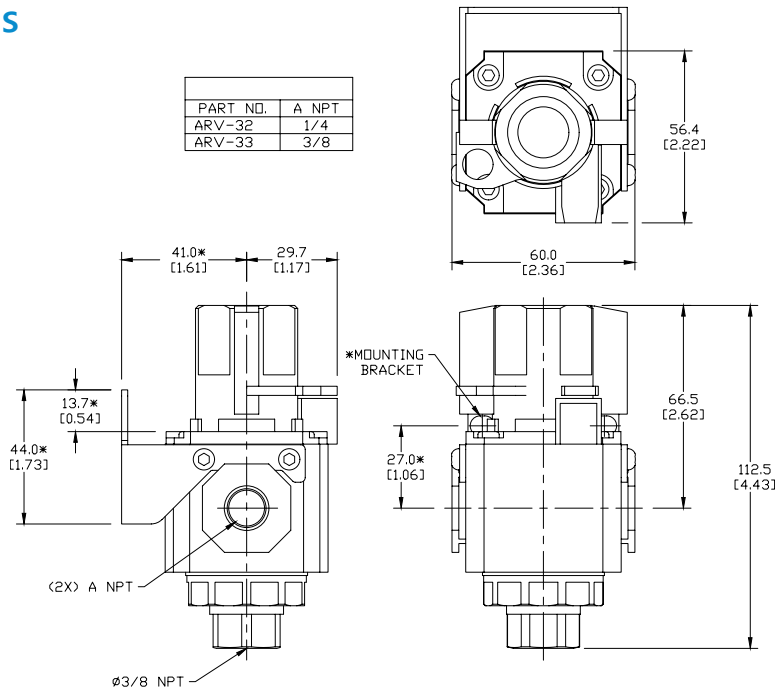
Pneumatic Air Preparation - ARV Series Manual Shut-off Pressure Relief Valves

Dimensions

mm [inches]

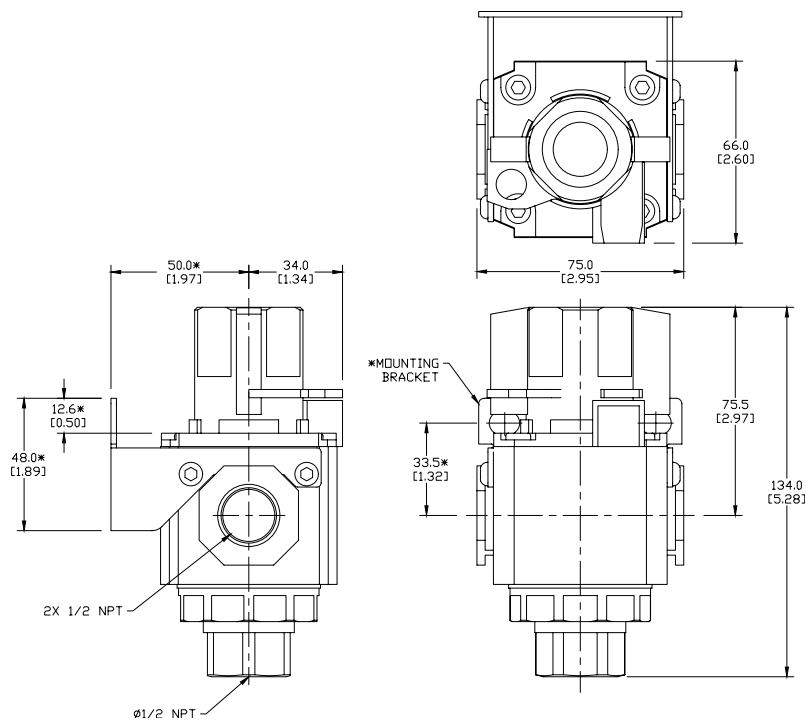
ARV-3x

*MOUNTING BRACKET INSTALLATION OPTIONAL



ARV-4x

*MOUNTING BRACKET INSTALLATION OPTIONAL



Note: Unit dimensions are the same for listed models, port NPT varies based on model. See our Web site www.AutomationDirect.com for complete Engineering drawings.



Pneumatic Air Preparation Accessories



Part No. [ADB-21](#)



Part No. [AB-4T](#)



Part No. [AB-4L](#)



Part No. [AB-4U](#)

Pneumatic Air Preparation Accessories			
Part No.	Price	Description	Weight (lbs)
ADB-21	\$;.04[f:	NITRA pneumatic distribution block, 1/8in female NPT inlet(s), (3) 1/8in female NPT outlet(s). For use with Ax-21 series air prep components.	0.1
ADB-22	\$;.04[g:	NITRA pneumatic distribution block, 1/4in female NPT inlet(s), (3) 1/4in female NPT outlet(s). For use with Ax-22 series air prep components.	0.1
ADB-32	\$-.04?j:	NITRA pneumatic distribution block, 1/4in female NPT inlet(s), (3) 1/4in female NPT outlet(s). For use with Ax-32 series air prep components.	0.2
ADB-33	\$04?k:	NITRA pneumatic distribution block, 3/8in female NPT inlet(s), (3) 3/8in female NPT outlet(s). For use with Ax-33 series air prep components.	0.2
ADB-44	\$-.04?l:	NITRA pneumatic distribution block, 1/2in female NPT inlet(s), (3) 1/2in female NPT outlet(s). For use with Ax-44 series air prep components.	0.4
AB-2T	\$-.05l4:	NITRA modular T-bracket, for use with Ax-2 series air prep components.	0.2
AB-2L	\$05h4:	NITRA modular L-bracket, for use with Ax-2 series air prep components.	0.2
AB-2U	\$-.05l5:	NITRA modular U-bracket, for use with Ax-2 series air prep components.	0.1
AB-3T	\$-.05l7:	NITRA modular T-bracket, for use with Ax-3 series air prep components.	0.3
AB-3L	\$-.05l6:	NITRA modular L-bracket, for use with Ax-3 series air prep components.	0.3
AB-3U	\$-.05l8:	NITRA modular U-bracket, for use with Ax-3 series air prep components.	0.2
AB-4T	\$-.05la:	NITRA modular T-bracket, for use with Ax-4 series air prep components.	0.5
AB-4L	\$-.05l9:	NITRA modular L-bracket, for use with Ax-4 series air prep components.	0.5
AB-4U	\$-.05lb:	NITRA modular U-bracket, for use with Ax-4 series air prep components.	0.4
AB-6T	\$-.05ld:	NITRA modular T-bracket, for use with Ax-6 series air prep components.	1.3
AB-6L	\$-.05lc:	NITRA modular L-bracket, for use with Ax-6 series air prep components.	1.2
AB-6U	\$-.05le:	NITRA modular U-bracket, for use with Ax-6 series air prep components.	0.8



Pneumatic Air Preparation Accessories



Part No. [AFE2-43](#)



Part No. [AFE2-41](#)



Part No. [AFE-24](#)



Part No. [AFE-35](#)

Pneumatic Air Preparation Accessories			
Part No.	Price	Description	Weight (lbs)
NITRA Gen 2 Particulate Filters			
AFE2-23	\$;-4jk!:	NITRA particulate filter element, replacement, 40 micron particles, high-density polyethylene (HDPE). For use with AF-2 series filters or AFR-2 series filter regulators.	0.01
AFE2-33	\$;-4jk.:	NITRA particulate filter element, replacement, 40 micron particles, high-density polyethylene (HDPE). For use with AF-3 series filters or AFR-3 series filter regulators.	0.01
AFE2-43	\$;-4jk]:	NITRA particulate filter element, replacement, 40 micron particles, high-density polyethylene (HDPE). For use with AF-4 series filters or AFR-4 series filter regulators.	0.01
AFE2-63	\$-4jk.:	NITRA particulate filter element, replacement, 40 micron particles, high-density polyethylene (HDPE). For use with AF-6 series filters or AFR-6 series filter regulators.	0.04
AFE2-21	\$-4jk#:	NITRA particulate filter element, replacement, 5 micron particles, high-density polyethylene (HDPE). For use with AF-2 series filters or AFR-2 series filter regulators.	0.01
AFE2-31	\$-4jk?:	NITRA particulate filter element, replacement, 5 micron particles, high-density polyethylene (HDPE). For use with AF-3 series filters or AFR-3 series filter regulators.	0.01
AFE2-41	\$--4jl0:	NITRA particulate filter element, replacement, 5 micron particles, high-density polyethylene (HDPE). For use with AF-4 series filters or AFR-4 series filter regulators.	0.01
AFE2-61	\$;-4jk]:	NITRA particulate filter element, replacement, 5 micron particles, high-density polyethylene (HDPE). For use with AF-6 series filters or AFR-6 series filter regulators.	0.04
NITRA Coalescing Filters			
AFE-24	\$45kv:	NITRA coalescing oil removal filter element, replacement, 0.3 micron particles, borosilicate glass microfiber. For use with AC-2 series coalescing filters.	0.05
AFE-34	\$45ky:	NITRA coalescing oil removal filter element, replacement, 0.3 micron particles, borosilicate glass microfiber. For use with AC-3 series coalescing filters.	0.05
AFE-44	\$45k.:	NITRA coalescing oil removal filter element, replacement, 0.3 micron particles, borosilicate glass microfiber. For use with AC-4 series coalescing filters.	0.1
AFE-25	\$45kx:	NITRA coalescing oil removal filter element, replacement, 0.01 micron particles, borosilicate glass microfiber. For use with AC-2 series coalescing filters.	0.04
AFE-35	\$;45k]:	NITRA coalescing oil removal filter element, replacement, 0.01 micron particles, borosilicate glass microfiber. For use with AC-3 series coalescing filters.	0.05
AFE-45	\$45k#:	NITRA coalescing oil removal filter element, replacement, 0.01 micron particles, borosilicate glass microfiber. For use with AC-4 series coalescing filters.	0.1



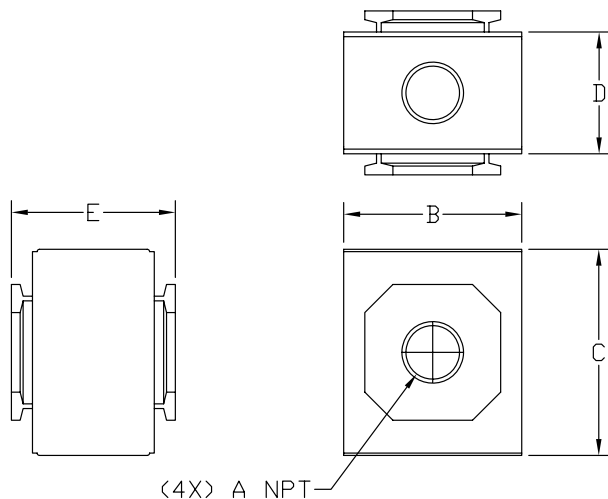
Pneumatic Air Preparation Accessories

Dimensions

mm [inches]

ADB-x

PART NO.	A NPT	DIM B	DIM C	DIM D	DIM E
ADB-21	1/8	30.0 [1.18]	36.0 [1.42]	19.5 [0.77]	28.5 [1.12]
ADB-22	1/4	30.0 [1.18]	36.0 [1.42]	19.5 [0.77]	28.5 [1.12]
ADB-32	1/4	38.0 [1.50]	44.0 [1.73]	26.0 [1.02]	35.0 [1.38]
ADB-33	3/8	38.0 [1.50]	44.0 [1.73]	26.0 [1.02]	35.0 [1.38]
ADB-44	1/2	52.0 [2.05]	52.0 [2.05]	30.0 [1.18]	42.0 [1.65]



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