

90° Air Nozzle

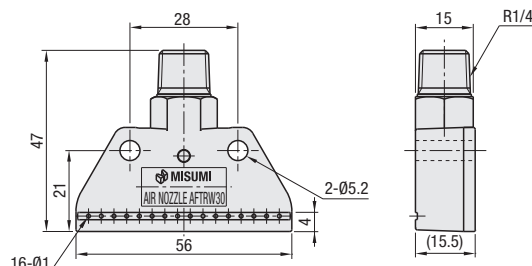
Standard / Compact

Standard



RoHS 10

Type	Material	Max. Operating Pressure	Breakdown Torque	Heat Resistance Temp.
AFTRW	ABS Plastic	0.7MPa	7N·m	70°C



Features

Suitable for limited space. Easy to mount since air projection angle is vertical to the thread face.

- To prevent damage
- Avoid excessive tightening of screw.
- Avoid shocks to the screws.

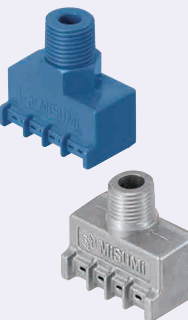
Part Number		Orifice	Air Flow Rate N L/min (for 0.3MPa)	Weight (g)	Unit Price 1 ~ 4 pc(s).	Volume Discount Rate		
Type	No.					5~39	40~99	100~200
AETRW	30	16-01	210	15				

For orders larger than indicated quantity, please check with WOS.



Part Number
AFTRW30

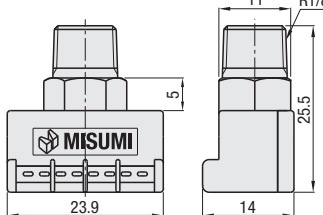
Compact



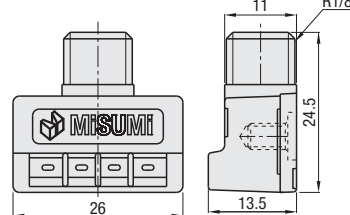
RoHS 10

Type	Material	Surface Treatment	Max. Operating Pressure	Heat Resistance Temp.
AFTR	ABS Plastic	-	0.7MPa	70°C
AFTRA	EN AC-46100 Equiv.	Electroless Nickel Plating	0.7MPa	200°C

AFTR



AFTRA



Features

Air Nozzles are more compact than Standard Type. (Width: Approx. 60%, Overall Length: Approx. 45% more compact)

- To prevent damage
- Avoid excessive tightening of screws.
- Avoid shocks to the screws.

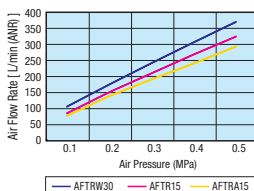
Part Number		Orifice	Air Flow Rate NL/min (for 0.3MPa)	Weight (g)	AFTR				AFTRA			
					Unit Price	Volume	Discount	Rate	Unit Price	Volume	Discount	Rate
Type	No.				1 ~ 4 pcs.	5~39	40~99	100~200	1 ~ 4 pcs.	5~9	10~19	20~30
AFTR	15	8-Ø0.6x1.5	210	4	-	-	-	-	-	-	-	-
AFTRA		4-Ø0.8x1.8	190	10	-	-	-	-	-	-	-	-

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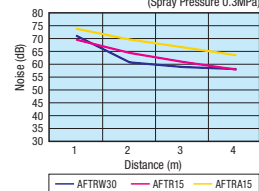


Part Number
AFTR15

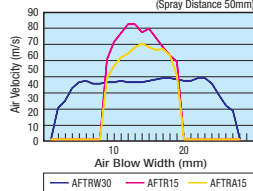
Air Flow Rate Property Table



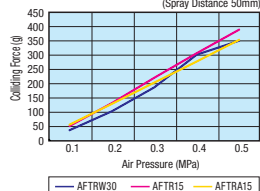
Quietness Property Table



Velocity Property Table



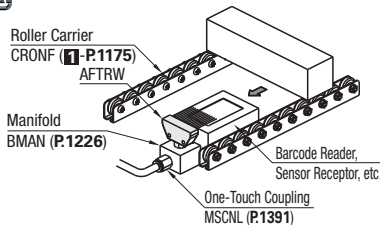
Air Colliding Force Property Table



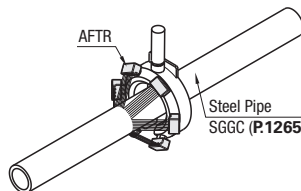
Values on the graph are for reference, not guaranteed.



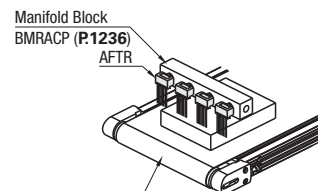
Example



Blow air over the sensor receiver to prevent dust adhesion.



(Surface Cleaning)



(Dry)

90° Air Nozzle

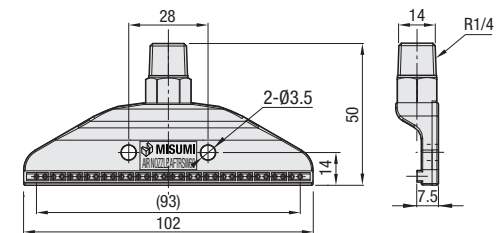
Wide / Vertica Blow

Wide Type



RoHS 10

Type	Material	Max. Operating Pressure	Heat Resistance Temp.
AFTRSW	ABS Plastic	0.7MPa	70°C



Features

Blow Port width approx. two times as wide as Standard Type (AFTRW), allows for parts reduction. Ribs are provided to protect the orifice.

- To prevent damage
- Avoid excessive tightening of screws.
- Avoid shocks to the screws.

Part Number		Orifice	Air Flow Rate NL/Min (for 0.3MPa)	Weight (g)	Unit Price	Volume Discount Rate		
Type	No.				1 ~ 4 pc(s).	5~39	40~99	100~200
AFTRSW	60	32-Ø1	290	20				

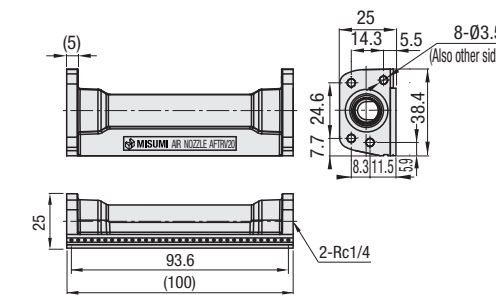
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Vertica Blow Type



RoHS 10

Type	Material	Max. Operating Pressure	Heat Resistance Temp.
AFTRV	ABS Plastic	0.7MPa	70°C

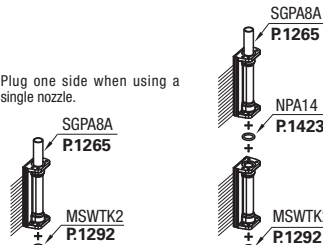


Features

Connection mechanism enables spray width to be adjusted according to the workpiece.

*Connect nozzles by tightening screws with O-Rings (JIS Nominal Number P14) in between.

* Plug one side when using a single nozzle.



Part Number		Orifice	Air Flow Rate NL/Min (for 0.3MPa)	Weight (g)	Unit Price	Volume Discount Rate		
Type	No.				1 ~ 4 pc(s).	5~39	40~99	100~200
AFTRV	20	33-Ø1	290	25				

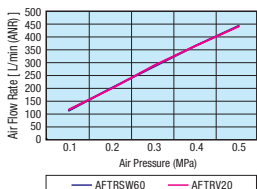
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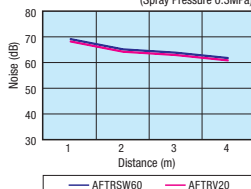
Ordering Example

Part Number
AFTRSW60
AFTRV20

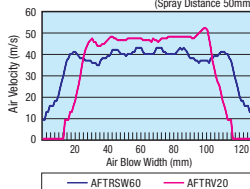
Air Flow Rate Property Table



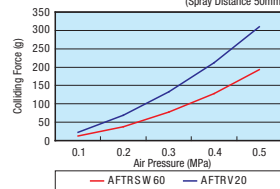
Quietness Property Table



Velocity Property Table



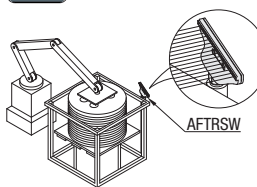
Air Colliding Force Property Table



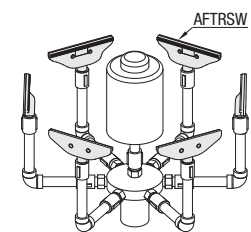
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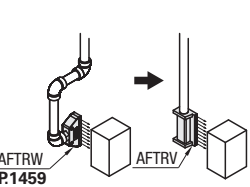
Example



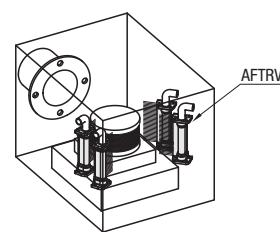
(Separating thin sheet metal plates coated with machining oil)
• Prevents duplicative conveyance of the subject workpiece.



(Cleaning of Workpiece Exterior)
• Suitable for surface cleaning of cylindrical workpiece.



(Plumbing Reduction)
• Easy handling of plumbing.



(Drying in Air Blow Room)
• Effective for air blow in limited spaces as nozzle and plumbing are arranged in the same direction.