

90° Air Nozzle

Standard / Compact

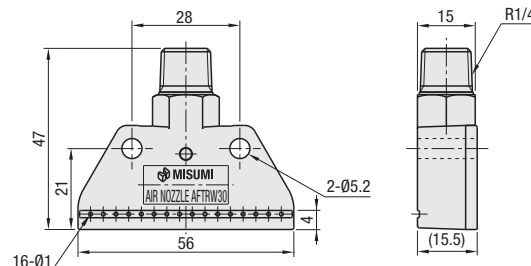
Air blow videos are now on the web! MISUMI Nozzles Videos Search http://jp.misumi-ec.com/

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.

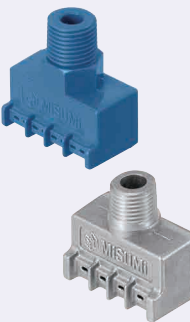
Part Number	Orifice	Air Flow Rate NL/min (for 0.3MPa)	Weight (g)	Unit Price	Volume Discount Rate
Type	No.			1 ~ 4 pc(s).	5 ~ 39 40 ~ 99 100 ~ 200
AFTRW	30	16-Ø1	210	15	

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



Part Number
AFTRW30

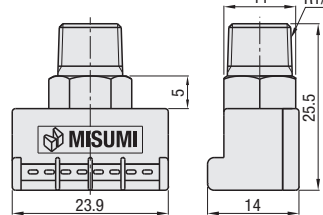
Compact



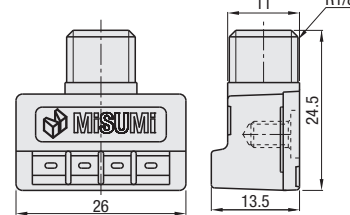
RoHS 10

Type	Material	Surface Treatment	Max. Operating Pressure	Heat Resistance Temp.
AFTR	ABS Plastic	-	0.7MPa	70°C
AFTRA	ADC12	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.

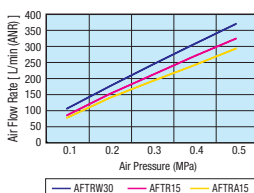
Part Number	Orifice	Air Flow Rate NL/min (for 0.3MPa)	Weight (g)	Unit Price	Volume Discount Rate
Type	No.			1 ~ 4 pc(s).	5 ~ 39 40 ~ 99 100 ~ 200
AFTR	15	8-Ø0.6x1.5	210	4	
AFTRA		4-Ø0.8x1.8	190	10	

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

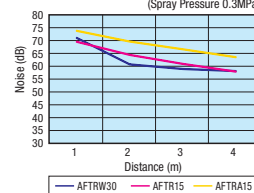


Part Number
AFTR15

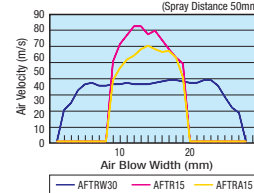
Air Flow Rate Property Table



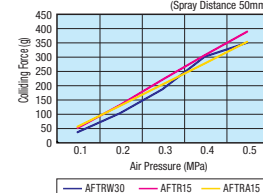
Quietness Property Table



Velocity Property Table



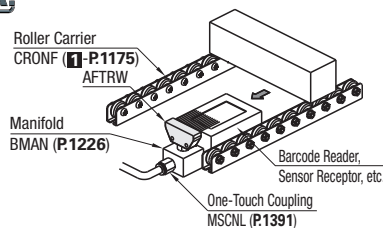
Air Colliding Force Property Table



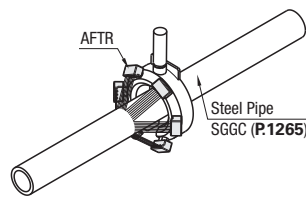
Values on the graph are for reference, not guaranteed.



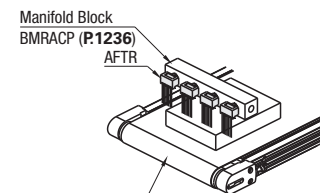
Example



Blow air over the sensor receiver to prevent dust adhesion.



(Surface Cleaning)



(Dry)

90° Air Nozzle

Wide / Vertica Blow

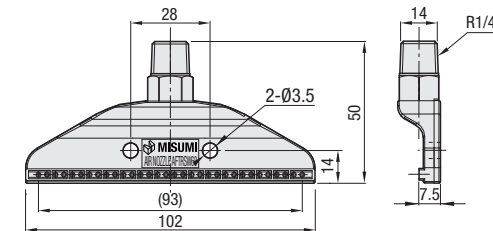
Air blow videos are now on the web! MISUMI Nozzles Videos Search http://jp.misumi-ec.com/

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	

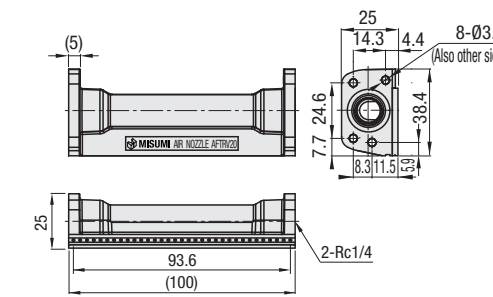
For orders larger than indicated quantity, please check with WOS.

Vertica Blow Type



RoHS 10

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

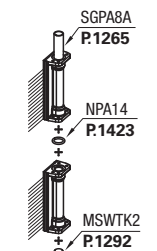
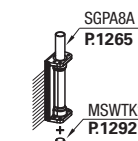


Features

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.



When connecting, use in combination with nozzle supports.

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	

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

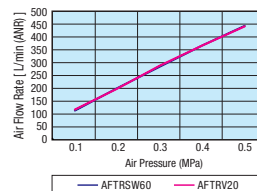


Ordering Example

Part Number

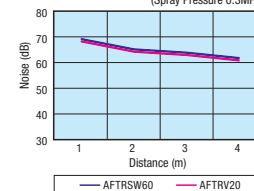
AFTRSW60
AFTRV20

Air Flow Rate Property Table

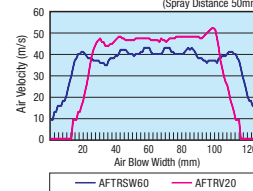


Values on the graph are for reference, not guaranteed.

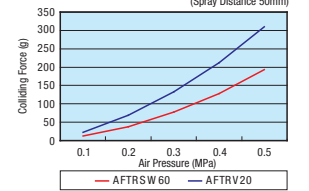
Quietness Property Table



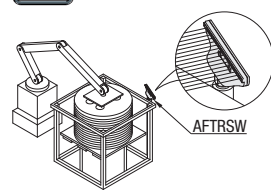
Velocity Property Table



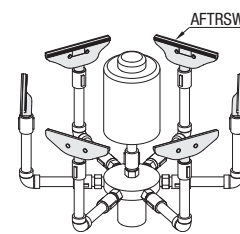
Air Colliding Force Property Table



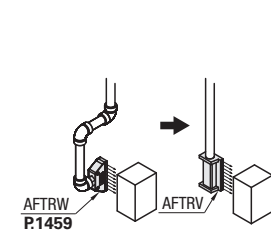
Example



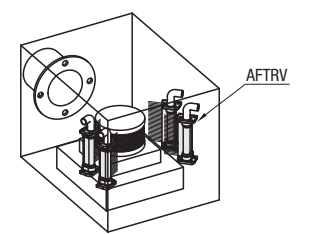
(Separating thin sheet metal plates coated with machining oil)
Prevents duplicative conveyance of the subject workpiece.



(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.