

Flat Air Nozzles

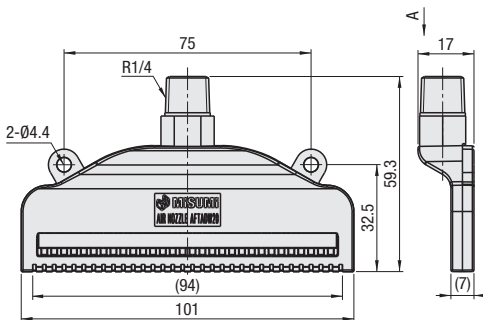
Air-Amplify Wide Type / Air-Amplify Compact Type

Air-Amplify Wide Type



RoHS 10

Type	Material	Max. Operating Pressure	Thread Breakdown Torque	Heat Resistance Temp.
AFTADW	PPS Resin	0.7MPa	10N·m	200°C



Features

Blow Port width approx. two times as wide as Standard Type (AFTAD). Air volume and speed out of the orifices are increased by taking surrounding air. High colliding force with less air enables energy saving and air consumption reduction. PPS Resin is used to improved oil and heat resistance. Grooves are provided at the tip of the nozzle to protect the orifice. Hex socket type connecting port allows easy replacement even when the damage to the thread occurs.

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



Arrow View A

Part Number		Orifice	Air Flow Rate NL/min (for 0.3MPa)	Weight (g)	Unit Price 1 ~ 4 pc(s).	Volume Discount Rate		
Type	No.					5~39	40~99	100~200
AFTADW	20	32-Ø1	410	28				



Part Number
AFTADW20

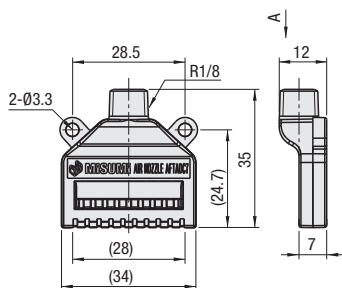
⚠ For orders larger than indicated quantity, please check with WOS.

Air-Amplify Compact Type



RoHS 10

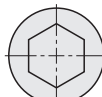
Type	Material	Max. Operating Pressure	Heat Resistance Temp.
AFTADC	PPS Resin	0.7MPa	200°C



Features

More compact than Standard Type (AFTAD). (Width: Approx. 35%, Overall Length: Approx. 40% more compact) Air volume and speed out of the orifices are increased by taking surrounding air. High colliding force with less air enables energy saving and air consumption reduction. PPS Resin is used to improved oil and heat resistance. Grooves are provided at the tip of the nozzle to protect the orifice. Hex socket type connecting port allows easy replacement even when the damage to the thread occurs.

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Arrow View A

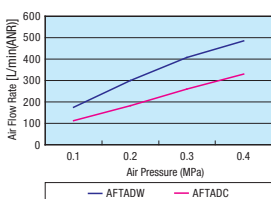
Part Number		Orifice	Air Flow Rate NL/min (for 0.3MPa)	Weight (g)	Unit Price 1 ~ 4 pc(s).	Volume Discount Rate		
Type	No.					5~39	40~99	100~200
AFTADC	7	10-Ø1	260	7				



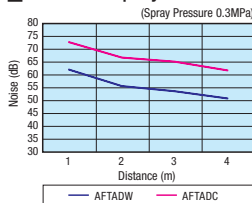
Part Number
AFTADC7

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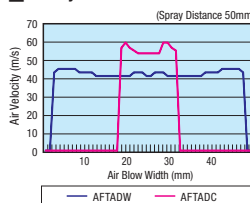
Air Flow Rate Property Table



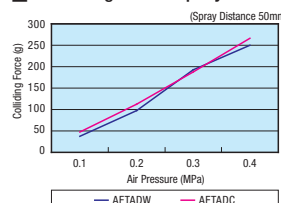
Quietness Property Table



Velocity Characteristic Table



Air Colliding Force Property Table



⚠ Listed Flow Rate is Supplied Flow Rate, not Discharged Flow Rate.
⚠ Values on the graph are for reference, not guaranteed.