


Flat Air Nozzles

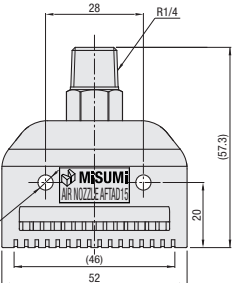
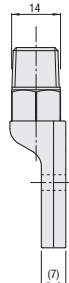
Air-Amplified Standard Type

Air blow videos are now on the web! [MISUMI Nozzles Videos](#) [Search](#) <http://jp.misumi-ec.com/>



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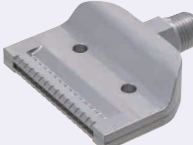
Type	Material	Max. Operating Pressure	Thread Breakdown Torque	Heat Resistance Temp.
AFTAD	PPS Resin	0.7MPa	10N·m	200°C

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

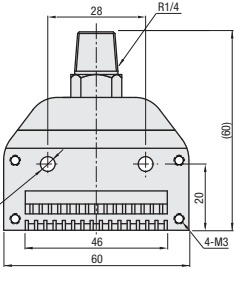

Part Number	Orifice	Air Flow Rate NL/Min (for 0.3MPa)	Weight (g)	Unit Price (1 ~ 4 pc(s))	Volume Discount Rate	Part Number
Type	No.				5~39	AFTAD15
AFTAD	15	16-01	270	15	40~99	
					100~200	

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



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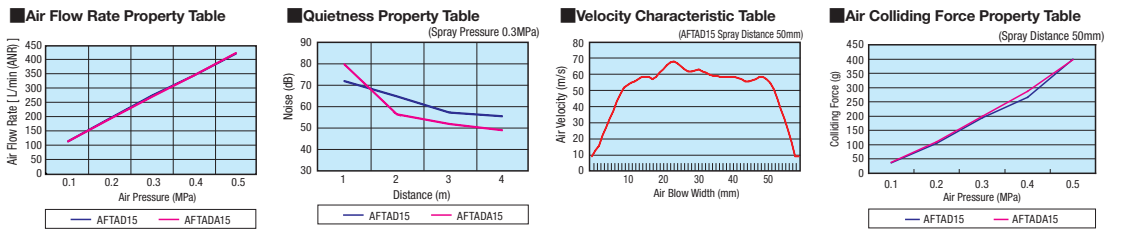
Type	Material	Max. Operating Pressure	Heat Resistance Temp.
AFTADA	A5052P	0.4MPa	200°C

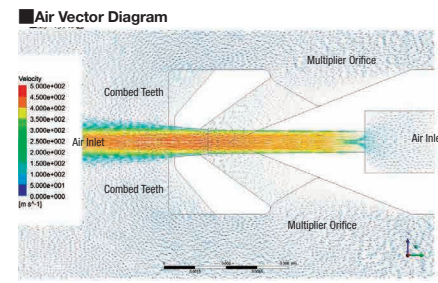
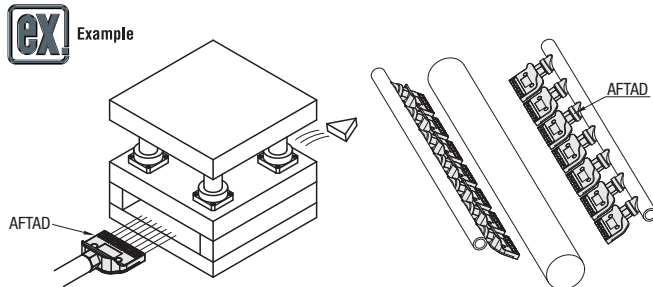
Features
Air volume and speed out of the orifices are increased by taking surrounding air.
High colliding force with less air enables energy saving and air consumption reduction.
Grooves are provided at the tip of the nozzle to protect the orifice.
⚠ Do not disassemble the main body.
⚠ For AFTADA, MISUMI logo, Product Name or Part Number is not engraved.

Part Number	Orifice	Air Flow Rate NL/min (for 0.3MPa)	Weight (g)	Unit Price (1 ~ 4 pc(s))	Volume Discount Rate	Part Number
Type	No.				5~9	AFTADA15
AFTADA	15	16-01	270	60	10~19	
					20~30	

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




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



• Air flow volume and velocity are amplified by the air taken in from the combed teeth of the nozzle tip and multiplier orifice.
• According to our experimental measured value, Flow Velocity is approximately 1.5 times or more of Standard Type (AFTSP15).

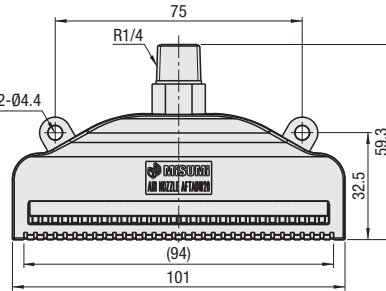
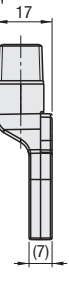
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Air-Amplify Wide Type / Air-Amplify Compact Type



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Type	Material	Max. Operating Pressure	Heat Resistance Temp.
AFTADW	PPS Resin	0.7MPa	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.

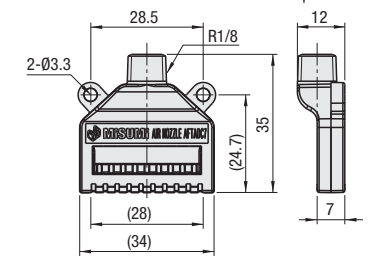
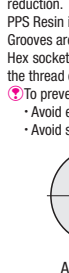
Part Number	Orifice	Air Flow Rate NL/min (for 0.3MPa)	Weight (g)	Unit Price (1 ~ 4 pc(s))	Volume Discount Rate	Part Number
Type	No.				5~39	AFTADW20
AFTADW	20	32-01	410	28	40~99	
					100~200	

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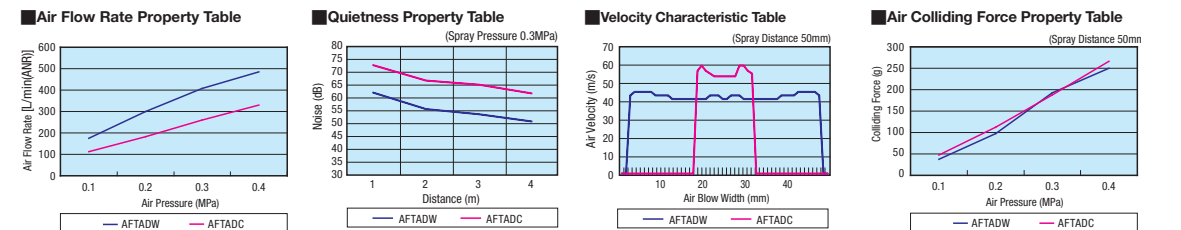
Type	Material	Max. Operating Pressure	Heat Resistance Temp.
AFTADC	PPS Resin	0.7MPa	200°C

Features
More compact than Standard Type (AFTAD). (Width: Approx. 35%, Overall Length: Approx. 40% more compact)
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Hex socket type connecting port allows easy replacement even when the damage to the thread occurs.
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Part Number	Orifice	Air Flow Rate NL/min (for 0.3MPa)	Weight (g)	Unit Price (1 ~ 4 pc(s))	Volume Discount Rate	Part Number
Type	No.				5~39	AFTADC7
AFTADC	7	10-01	260	7	40~99	
					100~200	

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