



Note that, for some of the types shown here, order might be unable to be received by the MISUMI Malaysia, and/or Indonesia offices.

- Avoid excessive tightening of screws.
- Avoid shocks to the screws.

7)  Grooves are provided at the tip of the nozzle to protect the orifice.



Part Number
AFTSP15



RoHS

Technical drawing of the AFTCS10 sensor. The front view (left) shows a sensor with a total width of 58 mm (48 mm mounting hole diameter), a total height of 78 mm, and a mounting hole diameter of 2-Ø5. The side view (right) shows a total height of 78 mm, a mounting hole diameter of 15 mm, and a fillet radius of R1/4. The sensor is labeled AFTCS10.

- ❗ Do not disassemble the main body.
- ❗ The part number is engraved.
- ❗ Grooves are provided at the tip of the nozzle to protect the orifice.



Part Number
AFTCS15

- ❗ Do not disassemble the main body.
- ❗ The MISUMI logo, Product Name or Part Number is not engraved.
- ❗ Grooves are provided at the tip of the nozzle to protect the orifice.
- ❗ A gasket is inserted between A and B.



Part Number
AFTSA15

Air Pressure (MPa)	100 L/min (ANR) (L/min)	200 L/min (ANR) (L/min)	300 L/min (ANR) (L/min)
0.1	100	120	140
0.2	150	180	200
0.3	200	240	260
0.4	250	300	320
0.5	300	360	380

Distance (m)	Series A (dB)	Series B (dB)	Series C (dB)	Series D (dB)
1	88	85	85	82
2	58	55	55	52
4	50	48	48	45

(AFTSP15 Spray Distance 50mm)

Air Blow Width (mm)	Air Velocity (m/s)
0	0
5	40
10	60
15	60
20	58
25	58
30	55
35	58
40	58
45	55
50	40
55	0

(Spray Distance 50mm)

Air Pressure (MPa)	Colliding Force (g) - Nozzle	Colliding Force (g) - Gun
0.1	~60	~50
0.2	~140	~100
0.3	~220	~150
0.4	~300	~200
0.5	~380	~250



RoHS

- Avoid excessive tightening of screw.
- Avoid shocks to the screws.

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

Roh

Technical drawing of the MAF7-AF nozzle assembly. The front view shows a square body with a width of 33 mm and a height of 17.5 mm. It features two mounting holes at the bottom, each with a diameter of 2-03.2 mm. The central label reads "MISUMI AIR NOZZLE AFTC 7". The base has a width of 24 mm. The side view shows a total length of 30 mm and a top flange width of 10 mm. A fillet radius of R1/8 is indicated at the bottom transition.

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

Technical drawing of the AFICA7 air nozzle. The front view shows a square body with rounded corners, a mounting hole (2-Ø3.2), and a central air nozzle. Dimensions include a total width of 33, a mounting hole spacing of 14, a body width of 14, a body height of 16.5, and a base width of 24. The side view shows a height of 12.7 and a rounded end with a radius of R1/8. The drawing is labeled with 'MISUMI AIR NOZZLE AFICA7'.

■ Features
More compact than Standard Type (AFTSP). (Width: Approx. 40%, Overall Length: Approx. 60% more compact)
To prevent damage

- Avoid excessive tightening of screws.
- Avoid shocks to the screws.

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

Air Pressure (MPa)	AFTW 20 (L/min (ANR))	AFTCA7 (L/min (ANR))	AFTC7 (L/min (ANR))
0.1	120	100	90
0.2	200	150	140
0.3	280	200	190
0.4	360	250	240
0.5	440	300	290

(Spray Pressure 0.3MPa)

Distance (m)	AFTW 20 (dB)	AFTCA7 (dB)	AFTC7 (dB)
1	75	72	80
2	50	62	60
3	45	58	57
4	43	56	56

Air Pressure (MPa)	AFTW 20 (g)	AFTCA 7 (g)	AFTC 7 (g)
0.1	40	50	60
0.2	70	80	90
0.3	110	120	130
0.4	160	170	180
0.5	330	360	380

⚠ Values on the graph are for reference, not guaranteed.