WindJet Nozzles

AA727 Features and Benefits

- Generates efficient, controlled flat fan air pattern for a uniform spray distribution
- · Designed to maintain spray pattern integrity
- Available in materials that withstand high temperatures
- Recessed orifices protect against external damage and offers air escape should the nozzles accidentally be placed against a flat surface
- Low noise levels
- Can be mounted side-by-side for air curtain applications



Specifications

less steel - 4.1 oz (116 g)

3/16" (4.8 mm) diameter mounting hole for fixed positioning
Inlet connection: 1/4" NPT(M) or BSPT(M), or 1/4" NPT(F) ABS model only
Materials: ABS, PPS (polyphenylene sulfide), aluminum or stainless steel
Weight: ABS - 0.7 oz (20 g), PPS - 1.0 oz (28 g), aluminum - 2 oz (56 g), stain-

Maximum operating pressures: ABS - 100 psi at 170° F (7 bar at 77° C) PPS - 100 psi at 180° F (7 bar at 82° C) Aluminum – 100 psi at 450° F (7 bar at 230° C) Stainless steel - 150 psi at 500° F (10.3 bar at 260° C)

AA707 Features and Benefits

- · Produces tightly directed round spray pattern
- Low noise levels
- Color-coded aluminum caps for easy identification of flow rates
- Recessed orifices



Specifications

Color-coded by capacity (aluminum only)	Maximum operating pressures: ABS – 125 psi at 180° F (8.6 bar at 82° C)
Inlet connection: 1/4" NPT(M) or BSPT(M), or 1/4" NPT(F) ABS model only	PPS – 125 psi at 400° F (8.6 bar at 204° C)
Materials: ABS, PPS (polyphenylene sulfide), Kynar, aluminum or stainless steel	Kynar® – 125 psi at 220° F (8.6 bar at 104° C) Aluminum – 125 psi at 450° F (8.6 bar at 230° C) Stainless steel – 125 psi at 450° F (8.6 bar at 230° C)
Weight: ABS $-$ 0.3 oz (9 g), PPS $-$ 0.5 oz (14 g), Kynar $-$ 0.5 oz (14 g), aluminum $-$ 0.6 oz (16 g), stainless steel $-$ 1.6 oz (44 g)	Otalinoss stoci 125 psi ut 450 1 (0.0 bul ut 250 0)

Y767 Compact Nozzle Features and Benefits

- Short profile less than half the height of other air nozzles
- When installing multiple nozzles on a header, a uniform impact air stream is provided without lowering pressure
- Low noise levels

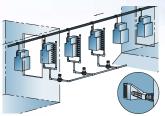
Weight: .25 oz (7 g)



Specifications	
	Maximum operating pressures: 100 psi at 180° F (7 bar at 82° C)
Material: ABS	

Typical Applications

- Dust and particle blow-off
- · Liquid blow-off
- Leveling coatings
- Cooling
- Drying



Nozzles/adapters to smooth out clay coating

Performance Data							
Inlet Conn. NPT or BSPT		Capacity Size	Cap Color (Aluminum Only)	Capacity - scfm (NI/min)			
	Nozzle Type			10 psi (.7 bar)	30 psi (2 bar)	60 psi (4 bar)	90 psi (6 bar)
1/4 (IVI F)		11	_	5.0 (142)	8.9 (246)	14.4 (396)	19.8 (549)
	AA727 AA727-F	15	_	6.8 (193)	12.8 (357)	21.3 (586)	29.6 (816)
		23	_	9.9 (280)	18.4 (510)	30.9 (852)	43.4 (1198)
1/4" (M) AA707		11	green	5.2 (147)	9.6 (266)	16.0 (442)	22.3 (612)
	AA707	15	yellow	6.4 (181)	12.4 (345)	21.0 (578)	29.4 (810)
		23	red	10.4 (294)	19.2 (530)	32.3 (889)	45.0 (1237)
1/4" (M)	Y767	15	_	6.8 (193)	12.8 (357)	21.3 (586)	29.6 (816)

Dimensions & Weights				
AA727 & AA727-F	Nozzle Type	Α	В	Weight
	(AA727 (M)	3-9/16" (91 mm)	<mark>2" (51 mm)</mark>	4.1 oz (.12 kg)
	AA727-F (F)	3-9/16" (91 mm)	2" (51 mm)	0.7 oz (.02 kg)
AA707	AA707 (M)	1-7/8" (48 mm)	1" (25 mm)	1.6 oz (.05 kg)
Y767	Y767 (M)	1-5/8" (43 mm)	1-11/16" (41 mm)	.25 oz (.01 kg)

Based on largest/heaviest version of each type.

Material Codes

(none)	ABS plastic	
AL	Aluminum	
RY	Polyphenylene sulfide	
SS	Stainless steel	
KY	PVDF (AA707 only)	

Ordering Information WindJet Nozzle		
AA707 — Nozzle Type	- 1/4 — 11 Inlet Conn. Capacity Size	

BSPT connections require the addition of a "B". Example: AAB707.