



Spraying Systems Co.
Experts in Spray Technology



WINDJET® 727-KY FOR FOOD CONTACT

A METAL-DETECTABLE PLASTIC AIR NOZZLE SPECIALLY MADE FOR FOOD PROCESSORS

The WindJet 727-KY is made from PVDF material but also contains very small metal particles. These metal particles are detectable by food-grade metal detectors, offering a significant safety advantage over other plastic air nozzles.

Specially made for food processors, this air nozzle is FDA-compliant for food contact, as well as EC10/2011 and EC1935/2004 compliant.

The WindJet 727-KY nozzles are lightweight, durable and less costly than stainless steel air nozzles.



BENEFITS

- **Ensures food safety:** Special PVDF material includes small metal particles that are detectable by inspection equipment
- **More efficient drying:** WindJet nozzles are widely used for moving materials and cleaning, drying and cooling parts. High-impact, uniform air stream ensures effective drying and blow-off even for round or oddly shaped products
- **Less noise:** Up to 60% reduction in perceived noise level, depending on the initial air pressure. At 100 psig (7 bar), for example, an open pipe would produce a noise level of 98 dBa while an air nozzle would produce 85 dBa, a reduction of 13 dBa and a perceived noise reduction of 60%
- **Improved safety:** Nozzle design prevents dead-ending should the nozzle accidentally be placed against a flat surface

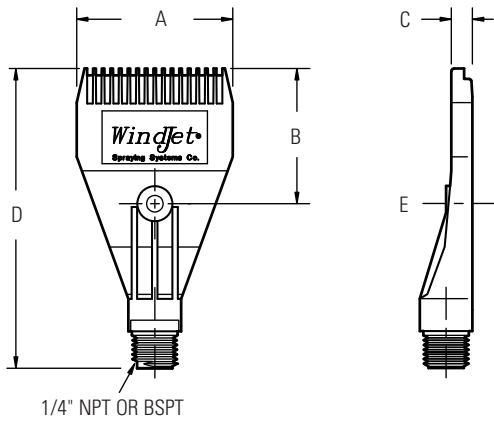
IDEAL FOR

- Drying cans or bottles
- Drying pans or trays
- Drying food products during processing
- Drying food products post-processing



WINDJET 727-KY FOR FOOD CONTACT

DIMENSIONS



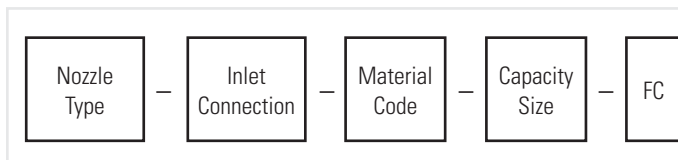
| Part | Material | A in. (mm) | B in. (mm) | C in. (mm) | D in. (mm) | E in. (mm) |
|---------------------|----------------------------|------------|------------|------------|------------|------------|
| DAA727-1/4-KY-xx-FC | PVDF with metal inclusions | 1.85 (47) | 1.61 (41) | 0.24 (6) | 3.58 (91) | 0.2 (5) |

(xx = capacity size 11, 15 or 23)

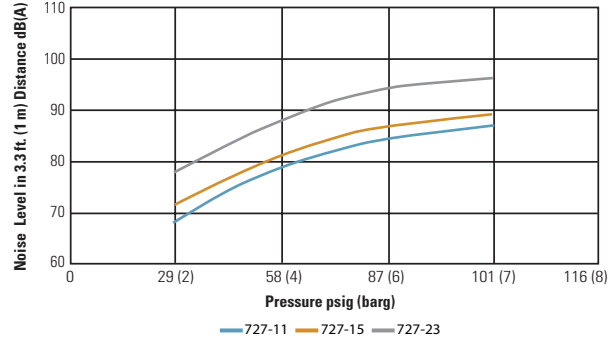
CAPACITY:

| Type | Inlet (in.) | Capacity Size | Air Flow in scfm (Nlpm) | | |
|--------|-------------|---------------|-------------------------|----------------|----------------|
| | | | 30 psi (2 bar) | 60 psi (4 bar) | 90 psi (6 bar) |
| DAA727 | 1/4 | 11 | 8.9 (250) | 14.4 (400) | 19.4 (550) |
| | | 15 | 12.4 (350) | 20.6 (583) | 28.9 (817) |
| | | 23 | 18.3 (517) | 30.2 (850) | 42.4 (1200) |

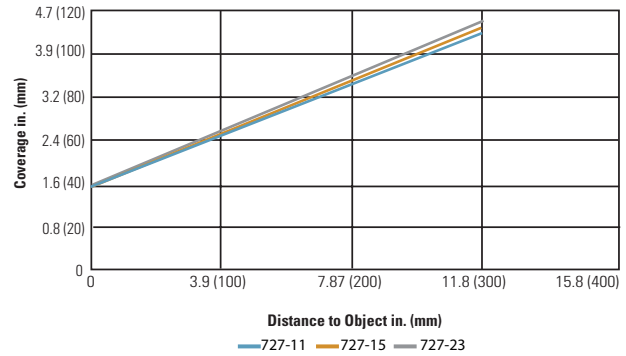
ORDERING INFORMATION



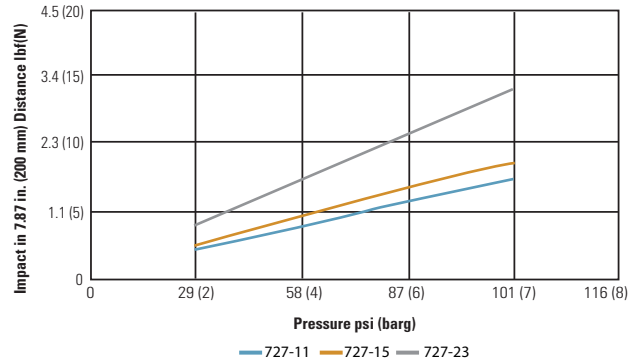
NOISE LEVEL AT 7.87 IN. (200 MM)



COVERAGE AT 72.5 PSI (5 BAR)



IMPACT FORCE AT 7.87 IN. (200 MM) DISTANCE



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Example



BSPT connections require the addition of a "B" prior to the inlet connection.