

## WINDJET® AIR KNIFE PACKAGES

### OVERVIEW:

- Powered by a rugged, regenerative blower; no compressed air required. Costs can be reduced by 95% or more
- A uniform high volume, constant heated air stream is produced along the entire edge of the knife eliminating spotting problems
- Low operating noise
- Large application area
- Packages are customized based on application
- Use when velocity is needed or the oil in compressed air is causing quality problems
- Knife lengths of 6", 12", 18", 24", 30" and 36" (152, 305, 457, 610, 762 and 914 mm)
- Air slot sizes of .040" and .060" (1 and 1.5 mm)
- Aluminum and 316 stainless steel material options
- Blower assemblies: 5.5, 10, 20, 25 and 30 Hp (4.1, 7.5, 14.9, 18.6, 22.3 kW). Include pressure relief valve, pressure gauge, air inlet filter, filter monitoring gauge, fittings, mounting adapter for flexible or rigid tubing
- Ideal for drying cut sheet and rolls and debris removal



Regenerative blower assemblies available in wide range of horsepower and air knife lengths

### PLACING YOUR ORDER

Call your local steel specialist for application assistance or to place an order.

FOR DETAILED NOZZLE PERFORMANCE DATA, SEE [spray.com/steeltcatalog/sectionD](http://spray.com/steeltcatalog/sectionD)

### WINDJET® COMPRESSED AIR NOZZLES

#### OVERVIEW:

- Economical alternative to drilled pipe
  - Air nozzles use compressed air use 25% to 35% less air than open pipe
  - Low flow air knives use 89% to 92% less air than open pipe
  - Air amplifiers use 75% to 90% less air than open pipe
- Perceived noise reductions ranging from 28% to 60% less than open pipe
- Improved worker safety
- AA727 nozzles produce controlled flat fan air pattern for uniform distribution
- AA707 nozzles produce tightly directed round spray pattern and feature color-coded aluminum caps for easy flow rate identification
- Y767 nozzles feature a short profile – less than half the height of the AA727
- Ideal for drying cut sheet and rolls and debris removal



**AA727 WindJet nozzles**  
1/4" male or female conn.  
Polyphenylene sulfide, aluminum, ABS plastic or 303 stainless steel



**AA707 WindJet nozzles**  
1/4" male conn.  
Polyphenylene sulfide, PVDF, aluminum, ABS plastic or 303 stainless steel



**Y767 Compact WindJet Nozzles**  
1/4" male conn.  
ABS plastic or 303 stainless steel

### WINDJET COMPRESSED AIR LOW FLOW AIR KNIVES AND AIR AMPLIFIERS

#### OVERVIEW:

- Low flow air knives provide a uniform, high velocity air flow across the entire length of the knife with no temperature increase
- Air amplifiers deliver a targeted high-volume, high velocity amplified air stream



**WindJet low flow air knives**  
3", 6", 12", 18" and 24"  
(8, 15, 30, 46 and 61 cm) lengths  
Aluminum or 316 stainless steel  
Shim sets available to adjust air force and flow

**WindJet air amplifiers**  
1/8" to 1/2" female conn.  
Aluminum and 316 stainless steel material options

### UNIJET® AIR NOZZLES

#### OVERVIEW:

- Blow-off spray tips specifically designed for use with air and steam to deliver a wide, uniform spray



**UniJet blow-off nozzle**  
1/8" to 3/8" conn.  
Brass or 303 stainless steel

### LU-VK AIR NOZZLES

#### OVERVIEW:

- Round high-performance, multi-orifice air nozzle
- One-piece, compact design is well-suited for use in confined areas



**LU-VK air nozzle**  
1/2" to 3/4" female conn.  
Brass or 303 stainless steel

### AIR NOZZLE HEADERS

#### OVERVIEW:

WindJet air nozzles can be mounted on a header to ensure uniform coverage of the target area. Standard manifolds are available with 4 to 30 nozzles. Impact can be increased from moderate to very high with a simple operating pressure adjustment.

