



CLEANING

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shellomatic.com

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AERO SERIES

AERO 80 FP DRY ICE BLAST CLEANING SYSTEM

The Aero 80 FP Blast Cleaning System comes complete with the following:

- » One length of 1" (2.5 cm) blast hose
- » One length of air hose
- » XP heavy duty applicator
- » Deluxe accessory package
- » Specified nozzle to best suit cleaning application needs
- » Static bond cable and retractable static ground reel
- » Cord wrap
- » Nozzle hanger
- » Hose wrap and hose carrier



AERO 80 FP SPECIFICATIONS	
Hopper capacity	80 lbs (36.4 kg) capacity
Hopper type	Isolated, Insulated, Tilt-out
Agitation	Advanced: Thumper, Ramrods, 2x Electric Vibrators
Feeder	Advanced Radial Feeder
Rotor	Enhanced, Coated Stainless Steel
Blast pressure regulator	Internal
Variable feed rate	0 to 7 lbs (0 to 3.2 kg) per min
Blast pressure range	20 to 300 psi (1.4 to 20.7 bar)
Supply pressure range	65 to 300 psi (4.5 to 20.7 bar)
Nozzle air consumption range	50 to 165 cfm (1.4 to 4.7 m ³ /min) at 80 psi (5.5 bar)
Weight	389 lbs (176 kg)
Size (L x W x H)	43" x 20" x 46" (109 cm x 52 cm x 118 cm)
12-month warranty (extended warranty packages available)	

AERO 40 FP DRY ICE BLAST CLEANING SYSTEM

The Aero 40 FP Series Blast Cleaning System comes complete with the following:

- » One length of 1" (2.5 cm) blast hose
- » One length of air hose
- » XP performance applicator
- » Specified nozzle to best suit cleaning application needs
- » Static bond cable
- » Nozzle hanger
- » Hose wrap and hose carrier



AERO 40 FP SPECIFICATIONS	
Hopper capacity	40 lbs (18.2 kg) capacity
Hopper type	Isolated, Insulated
Agitation	Performance: Thumper, Ramrods
Feeder	Advanced Radial Feeder
Rotor	Enhanced, Coated Aluminum
Blast pressure regulator	Internal
Variable feed rate	0 to 4.5 lbs (0 to 2 kg) per min
Blast pressure range	20 to 250 psi (1.4 to 17.2 bar)
Supply pressure range	65 to 250 psi (4.5 to 17.2 bar)
Nozzle air consumption range	50 to 165 cfm (1.4 to 4.7 m ³ /min) at 80 psi (5.5 bar)
Weight	257 lbs (117 kg)
Size (L x W x H)	36" x 20" x 40" (91 cm x 51 cm x 102 cm)
12-month warranty (extended warranty packages available)	

WHAT IS DRY ICE CLEANING?

DRY ICE CLEANING, ALSO KNOWN AS DRY ICE BLASTING, IS A REVOLUTIONARY CLEANING METHOD THAT USES DRY ICE PELLETS (CO₂ IN SOLID FORM) AS A BLASTING MEDIA. THE RESULT IS A COMPLETELY DRY, NON-ABRASIVE CLEANING METHOD WITH NO SECONDARY WASTE. DRY ICE IS A FOOD-GRADE MEDIA.

DRY ICE CLEANING IS A 3-STEP PROCESS.

1. Kinetic Effect

Dry ice pellets are accelerated by compressed air to high velocities, thus impacting the layer and provoking fractures.



2. Thermal Effect

The low temperature (-79 °C/-110 °F) causes the coating to become brittle, crack and loosen. This allows dry ice to permeate the coating.



3. Sublimation

The dry ice turns from solid into gaseous form (sublimates), expanding its volume by a factor of 700. The expansion lifts the coating off the surface.



Save money

- » Lowest cost of ownership
- » LEAN cleaning solution
- » Low maintenance costs

Improve quality

- » Non-abrasive cleaning
- » Reduce scrap
- » Reduce wear and tear

Reduce downtime

- » Increase production time
- » Clean online at operating temperature
- » Clean without dismantling

More flexibility

- » Infinitely adjustable blasting parameters
- » Completely dry cleaning process
- » Clean without secondary waste

An Environmentally Responsible Solution.

Dry ice cleaning is a green substitute for environmentally harmful methods, such as chemicals and solvents. Dry ice provides the perfect, environmentally responsible cleaning media. While materials such as sand, water, etc. become contaminated when they come into contact with hazardous material, dry ice is eco-friendly because it turns into a gas upon contact, and therefore cannot become contaminated like other blasting media.

“The Art of Performance”

With an ergonomic design and simple operation, the Evolution Line provides an efficient and effective cleaning solution that is superior to other methods. Its operational versatility makes it suitable for both lighter applications and heavy duty cleaning.

Your partner in Dry Ice Technology

- » Global experts in dry ice technology
- » Manufacturer with an end-user perspective
- » Proven quality from Denmark
- » 24/7 worldwide technical support