

Choose the Chemtronics duster that's best for your application.



Typhoon Blast™ and Typhoon Surge™ — New Dusters with Ultra-Low Global Warming.



Responding to the new global warming regulations has just become much easier.

Typhoon Blast™ and **Typhoon Surge™** are the newest class of dusters from ITW Chemtronics®, specifically formulated to minimize the use of global warming compounds. They are formulated with HFO-1234ze, a new material that has a significantly lower global warming potential (GWP) than previous materials used for dusters. This new material has a GWP of 6, and compares very favorably to HFC-134a (GWP of 1300) and HFC-152a (GWP of 140). In addition, since it has a short atmospheric lifetime with a very low photochemical ozone creation potential, it is not expected to be classified as a VOC.



Typhoon Blast™ Duster

The ultra-low GWP duster with the BIGGEST blast to clean anything fast

- Ultra-low Global Warming Potential
- Most cleaning strength
- Safe on plastics
- Nonflammable
- Ozone safe
- Filtered to 0.2 microns

Applications:

- Removing dust build up from circuit boards
- Cleaning insulating debris from pin connectors
- Removal of entrapped solvent from under surface mount devices

ES1024 10 oz. aerosol

Typhoon Blast™ All-Way Duster

The ultra-low GWP duster that sprays in any direction with the BIGGEST blast to clean anything fast



- Ultra-low Global Warming Potential
- All-Way spray system
- Most cleaning strength
- Safe on plastics
- Nonflammable
- Ozone safe
- Filtered to 0.2 microns

Applications:

- Cleaning fiber optic connectors and bulkheads
- Removing particles from mirror assemblies
- Removing contamination from sensitive surfaces

ES1624 8 oz. aerosol

Typhoon Blast™ 70 Duster

The powerful and economical, ultra-low GWP duster with the BIGGER blast

- Ultra-Low GWP
- Safe on plastics
- Nonflammable
- Ozone safe
- Filtered to 0.2 microns

Applications:

- Cleaning particles from contacts and relays
- Removing debris from precision optics

ES1025 10 oz. aerosol

Typhoon Surge™

The economical duster with an ultra-low GWP

- Ultra-Low GWP
- Safe on plastics
- Nonflammable
- Ozone safe
- More Economical

Applications:

- Removing debris from keyboards, office equipment
- Removing surface contamination from A/V equipment

ES1026 8 oz. aerosol



Chemtronics Dusters are microscopically clean, oil and moisture free sources of "canned air" developed for applications where safe, ultra-pure cleaning is required. Compact and portable, Chemtronics dusters deliver powerful jet action to instantly remove particles from even the most inaccessible areas.

Dusters are available in a variety of sizes, made with a variety of materials, and with a variety of power. **So which one is right for you?**

Typhoon Blast™

The ultra-low GWP duster with the BIGGEST blast to clean anything fast

Ultra-Low GWP
More Cleaning Strength
Nonflammable

ES1024 10 oz. aerosol

Typhoon Blast™ All-Way

The ultra-low GWP duster that sprays in any direction, with the BIGGEST blast to clean anything fast



Ultra-Low GWP
All-Way Spray
Nonflammable

ES1624 8 oz. aerosol

Typhoon Blast™ 70

The powerful and economical, ultra-low GWP duster with the BIGGER blast

Ultra-Low GWP
Nonflammable
More Cleaning Strength
More Economical

ES1025 10 oz. aerosol

Typhoon Surge™

The economical duster with an ultra-low GWP

Ultra-Low GWP
Nonflammable
More Economical

ES1026 8 oz. aerosol

Ultrajet®

The duster with the BIGGEST blast to clean anything fast

Most Cleaning Strength
Nonflammable

ES1020 10 oz. aerosol
ES1020K 10 oz. aerosol kit
ES1020R 10 oz. aerosol refill

Ultrajet® All-Way

The duster that sprays in any direction with the BIGGEST blast to clean anything fast



All-Way Spray
Most Cleaning Strength
Nonflammable

ES1620 8 oz. aerosol

Ultrajet® 70

The powerful, economical duster with a BIGGER blast than competitive dusters

More Cleaning Strength
Nonflammable
More Economical

ES1015 10 oz. aerosol

Duster

The economical, regular strength duster

Regular Cleaning Strength
Nonflammable
More Economical

ES1017 10 oz. aerosol
ES1217 8 oz. aerosol
ES1617 12 oz. aerosol

152A Blast™

The economical extra strength general-purpose duster

More Cleaning Strength
Flammable
More Economical

ES1029 10 oz. aerosol

152A Duster

The economical regular strength general-purpose duster

Regular Cleaning Strength
Flammable
Most Economical

ES1027 10 oz. aerosol



Which Chemtronics duster is

	Blasting Power	Plastic Safe	Flammable	Ozone Safe	All-Way Spray	Purity	Contents	Force Generated*	Internal Pressure	VOC** Content	GWP***
Typhoon Blast™	XX Strength	P	N	O	No	99.99% Filtered to 0.2 microns	HFO-1234ze	1.08 N	47 PSIG	0.00%	6
Typhoon Blast™ All-Way	XX Strength	P	N	O	Yes	99.99% Filtered to 0.2 microns	HFO-1234ze	1.19 N	47 PSIG	0.00%	6
Typhoon Blast™ 70	X Strength	P	N	O	No	99.99% Filtered to 0.2 microns	HFO-1234ze	0.93 N	47 PSIG	0.00%	6
Typhoon Surge™	Regular Strength	P	N	O	No	99.99% Filtered to 0.2 microns	HFO-1234ze	0.64 N	47 PSIG	0.00%	6
Ultrajet®	XX Strength	P	N	O	No	99.99% Filtered to 0.2 microns	HFC-134a	1.51 N	71 PSIG	0.00%	1300
Ultrajet® All-Way	XX Strength	P	N	O	Yes	99.99% Filtered to 0.2 microns	HFC-134a	1.78 N	71 PSIG	0.00%	1300
Ultrajet® 70	X Strength	P	N	O	No	99.99% Filtered to 0.2 microns	HFC-134a	1.35 N	71 PSIG	0.00%	1300
Duster	Regular Strength	P	N	O	No	99.99% Filtered to 0.2 microns	HFC-134a	0.94 N	71 PSIG	0.00%	1300
152A Blast™	X Strength	P	F	O	No	99.90%	HFC-152a	1.38 N	63 PSIG	0.00%	140
152A Duster	Regular Strength	P	F	O	No	99.90%	HFC-152a	0.87 N	63 PSIG	0.00%	140

P - Plastic Safe

F - Flammable

N - Nonflammable

O - Ozone Safe

* Force generated measured without extension tube on Shimpo force gauge.



s best for your application?

Use On Live Circuits	Use On De-energized Circuits	Specially for
Yes	Yes	Removing dust, dirt and debris from circuits, connectors, relays, electrical panels, and all forms of electrical and electronic assemblies. Displacing moisture from assemblies and relays. Wherever live circuits, the possibility of static discharge, or the possibility of ignition exists.
Yes	Yes	Spraying in any direction without dispensing liquid. Cleaning fiber optic connectors and bulkheads. Wherever live circuits, the possibility of static discharge, or the possibility of ignition exists.
Yes	Yes	Cleaning particles from contacts and relays. Removing debris from precision optics. Removing particles from difficult-to-reach areas. Wherever live circuits, the possibility of static discharge, or the possibility of ignition exists.
Yes	Yes	Removing debris from paper shredders and office equipment. Removing surface contamination from A/V equipment. Wherever live circuits, the possibility of static discharge, or the possibility of ignition exists.
Yes	Yes [‡]	Removing dust build up from circuit boards. Removal of entrapped solvent from under surface mount devices. Wherever the possibility of static discharge or ignition exists.
Yes	Yes [‡]	Spraying in any direction without dispensing liquid. Cleaning fiber optic connectors and bulkheads. Wherever the possibility of static discharge or ignition exists.
Yes	Yes [‡]	Cleaning particles from contacts and relays. Removing debris from precision optics. Wherever the possibility of static discharge or ignition exists.
Yes	Yes [‡]	Removing debris from paper shredders and office equipment. Removing surface contamination from A/V equipment. Wherever the possibility of static discharge or ignition exists.
No	Yes	Cleaning particles from powered-down, de-energized connectors, contacts and relays. Office equipment maintenance and repair. Computer maintenance and repair.
No	Yes	Cleaning particles from powered-down, de-energized connectors, contacts and relays. Removing debris from keyboards and office equipment. Removing surface contamination from A/V equipment.

** VOC is the Volatile Organic Compounds content by weight. *** Global warming potential (GWP) is calculated based on a 100 year time horizon. Carbon dioxide has a GWP of 1.

[‡]California law prohibits the use of HFC-134a gas dusters on de-energized circuits.

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Still not sure which product is right for your application? ITW Chemtronics' sales and technical services staff are ready with expert guidance on product selection – ensuring that you have the information necessary to make the right choice.

Call your local ITW Chemtronics sales representative for expert guidance with your application needs.

Need Technical Information?

Call our technical hotline at 770-424-4888 ext. 137 or e-mail AskChemtronics@chemtronics.com
Visit us on the web at www.chemtronics.com.

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