

Technical Data

Property	ASTM Test Method	EDM 244	EDM 259T	EDM Super Supreme	EDM Supreme T	Euro-Supreme	Vitality	EDM 185	Micro-Fine 49	Spark-Master
Viscosity, SUS @ 100°F	D-445	34.1	34.1	36	34.3	35	34	32	34	37.3
Viscosity, cSt @ 40°C	D-445	2.45	2.45	3.0	2.50	2.7	2.5	1.76	2.40	3.4
Flash Point °F, COC	D-92-52	239	239	266	221	257	237	180	>221	280
Specific Gravity @ 60°F	D-1298	0.770	0.770	0.770	0.770	0.770	0.770	0.798	0.790	0.848
Density @ 60°F Lbs./Gallon	D-1298	6.413	6.413	6.41	6.41	6.413	6.41	6.645	6.58	7.06 @ 68°F
Color (Saybolt)	D-156	30+ Water White	30+ Water White	30+ Water White	30+ Water White	30+ Water White	30+ Water White	30+ Water White	Clear, Colorless	Clear, Colorless
Odor	—	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Aniline Point °F	D-611	198	198	213	205	213	213	169	194	174
Dielectric Strength Kv/2.5mm	D-877	50	52.5	>55	>35	>53	>55	N/A	50	N/A

Ordering Information

Catalog No.	Commonwealth Grade	Description	Catalog No.	Commonwealth Grade	Description
H02440	EDM 244	330 gallon tote	H05000	Vitality	330 gallon tote
H00244	EDM 244	55 gallon drum	H00500	Vitality	55 gallon drum
H02445	EDM 244	5 gallon pail	H05005	Vitality	5 gallon pail
H00259	EDM 259T	55 gallon drum	H00185	EDM 185	55 gallon drum
H02595	EDM 259T	5 gallon pail	H01855	EDM 185	5 gallon pail
H00355	EDM Super Supreme	330 gallon tote	H00049	Micro-Fine 49	55 gallon drum
H00300	EDM Super Supreme	55 gallon drum	H00495	Micro-Fine 49	5 gallon pail
H03005	EDM Super Supreme	5 gallon pail	H02800	SparkMaster	330 gallon tote
H00400	EDM Supreme T	55 gallon drum	H00280	SparkMaster	55 gallon drum
H04005	EDM Supreme T	5 gallon pail	H02805	SparkMaster	5 gallon pail
H00600	EuroSupreme	55 gallon drum			
H00605	EuroSupreme	5 gallon pail			

Also available in tankerloads and 330 gallon totes (pictured at right next to 55 gallon drum). Tote dimensions – 39.5" wide, 47.5" deep, and 54.5" tall (designed to fit on a 40 sq.ft. pallet).



EDM 244, EDM 259T, EDM Super Supreme, EDM Supreme T, Vitality, EDM 185, Micro-Fine 49, SparkMaster, and EuroSupreme are all trademarks of Commonwealth Oil Corporation.

Dielectric Fluids



Dielectric Fluid Specifications		
Product	Flash Point, °F COC	Viscosity @ 100°F SUS
BP 180	180	31.3
BP 200	194	33.9
BP 200T	226	32.6
Alectrol 240	240	32
Grade 25W	170	32.1
Premium Grade 30	210	32.5 to 34

ALECTROL 240

- Refined dielectric oil
- Superior Oxidation Stability
- Low viscosity
- Low odor

Catalog No.	Description
H00007	55 gallon drum

Premium Grade 30

- Low viscosity
- Better gap penetration
- Improved metal removal
- Universal EDM usage

Catalog No.	Description
H00009	55 gallon drum

Grade 25W

- Low viscosity
- Non-irritating
- Pleasant aroma

Catalog No.	Description
H00008	55 gallon drum

BP 180

- Very low viscosity
- High oxidation resistance
- No odor; water-white
- Recommended for close tolerance, narrow-gap cutting applications

BP 200

- Medium viscosity
- High oxidation resistance
- No odor; water-white

- Recommended for general purpose applications; combines good flushing with high erosion rates and good finish

BP 200T

- Low viscosity
- High oxidation resistance
- No odor; water-white
- Premium synthetic fluid; recommended for *all* applications; exceptionally long life

BP Ordering Information

Catalog No.	BP Grade	Description
H00005	180	55 gallon drum
H00013	180	5 gallon pail
H00006	200	55 gallon drum
H00020	200T	55 gallon drum
H00025	200T	5 gallon pail

EDM
U.S.A. Toll-free
1-800-323-0295
 Canada Toll-free
 1-800-243-5853

Torit Dust Collectors

Cabinet Style Filters

- "Good", economical solution for less demanding applications
- Low cost, easy to install
- No compressed air required for operation
- Compact design reduces required head room and floor space
- Contaminant is easily removed from the base of the collector
- 99.9% overall efficiency by weight
- Clean air can be recirculated
- Low, dirty air inlet acts as a pre-cleaner to prolong filter life
- Direct drive fan on clean air side offers maximum efficiency, life and reliability
- Mild steel construction with a blue enamel finish.
- Models 75 and 84 include:

TEFC Motor
 Drawer Base
 Filter Bags
 Manual Shaker
 Fan and Fan Housing
 Mild Steel Construction
 Blue Enamel Paint



Optional Hopper and 5 Gal. Pail Pack shown



VS Style Filters

- "Better" solution for tougher requirements
- Automatic filter shaker mechanism operates independently of the machine operator during shutdown
- Two stage filtration easily handles large and small particulate
- 300 micron nylon screen captures large particles to prolong filter life
- No compressed air required for operation
- Compact design reduces required headroom and floor space
- 99.99% efficiency down to 0.5 micron particles
- Clean air can be recirculated
- Direct drive fan on clean air side offers maximum efficiency, life and reliability
- Mild steel construction with blue enamel finish
- No tools required for filter change
- Blower chamber acoustically treated to attenuate blower noise
- Inlet baffle acts as precleaner; prolongs filter life
- Models VS-550, VS-1200, & VS-1500 include:

TEFC Motor, Drawer Base Ambient or Delta Pre-Wired Cleaning Control, Filter Cartridges, Customer Specified Inlet Collar (Location 1 of 4 Positions), Mild Steel Construction, Blue Enamel Paint

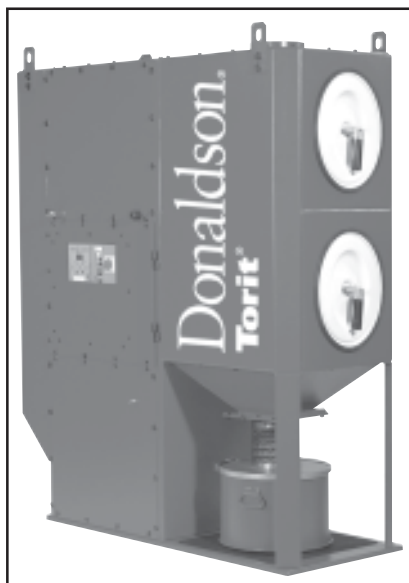


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Torit Dust Collectors

Downflo® Oval 1™

- The “best” Torit model; offers 25% more filtration capacity than same-sized cartridge collectors
- Very Fine Particle Collection – operating efficiency of 99.999% on a .5 micron particle
- Lower initial cost per CFM
- Fewer filter change-out
- Reduced filter disposal cost
- Easy system set-up
- Less maintenance
- 10 year warranty
- Easy-to-Use – quick-release handles provide easy cover removal and faster filter access
- Compact – smaller footprints for maximum cleaning efficiency in smaller spaces
- Cost Effective – patented ExtraLife™ Filter Cleaning System averages up to 30% increase in pulse cleaning energy for unmatched cleaning ability
- Innovative – unique oval-shaped Ultra-Web® cartridge filters provide the longest filter life and highest filtration efficiency
- Complete – packaged with power pack, controls, silencer, damper, dust container and more



Model DFO 2-2

Ordering a Torit Dust Collector

Since there are a myriad of options, configurations, sizes, etc., Torit Dust Collector products almost always have some degree of customization, and they are typically engineered for your specific application; usually using standard components. Therefore, we strongly suggest you provide us with the following information so we can prepare a customized quotation for your specific needs:

1. Type of dust?
2. Continuous or intermittent duty cycle?
3. Daily operational hours?
4. Number of days per week of operation?
5. Duct work size (ID or OD)?
6. Required air flow (in CFM)?
7. Airstream temperature?
8. Total system static pressure (in w.g.)?
9. Approximately how much dust is being generated?
10. Filter preference – cartridge or bag?
11. Will the collector be located indoors or outdoors?
12. Voltage: 110V, 220V, 208V, 230V, 460V, 575V?
13. Single or 3-phase motor?
14. Will you need a motor starter and controls for the collector?
15. Do you have any special space constraints?

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