



[ Our mission is to protect first responders ]

# ***TEMPEST***



## 40 YEARS OF INNOVATION

Our mission is to protect first responders, so every product we make is Built-in-America tough, from welded & powder-coated frames to fire-rescue saws and ventilation apparatus.

For over four decades, we have been the trusted leader in the design, manufacturing, and distribution of high-volume, high-speed ventilation around the world.

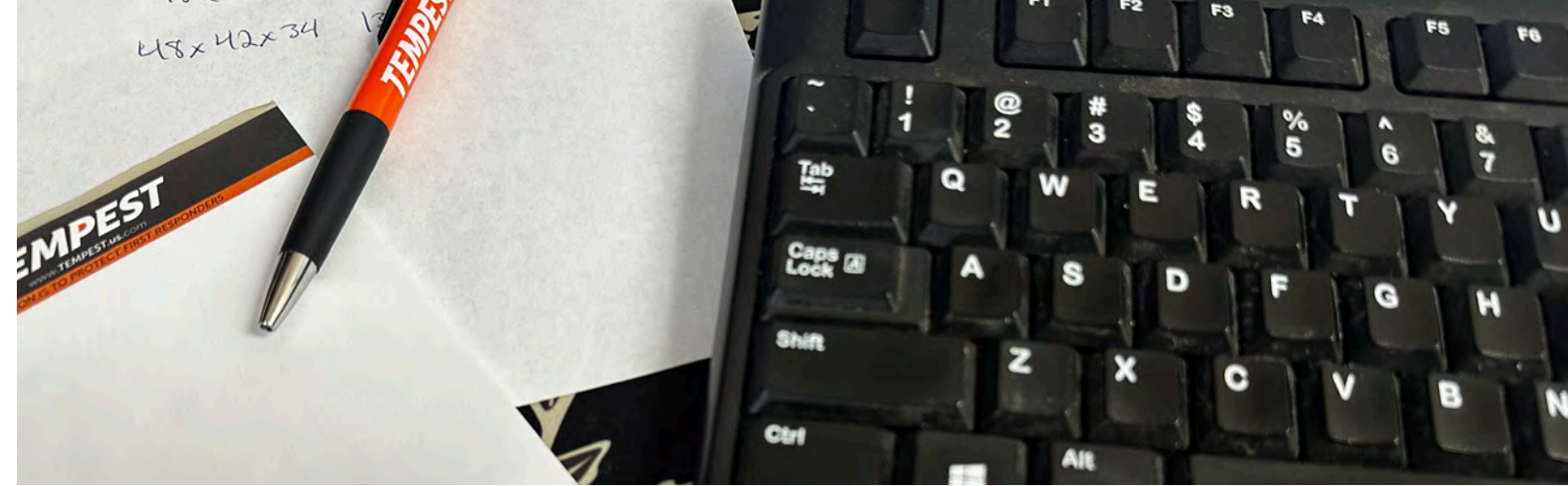
Our commitment to quality and safety is found in the products we build, all proudly American-made and guaranteed.



Tempest products are proudly designed, fabricated, and built in the USA.



Find these and other products available to order at [Tempest.us.com](http://Tempest.us.com)  
Corporate and dealer accounts are available for active dealers.



## VENTILATION

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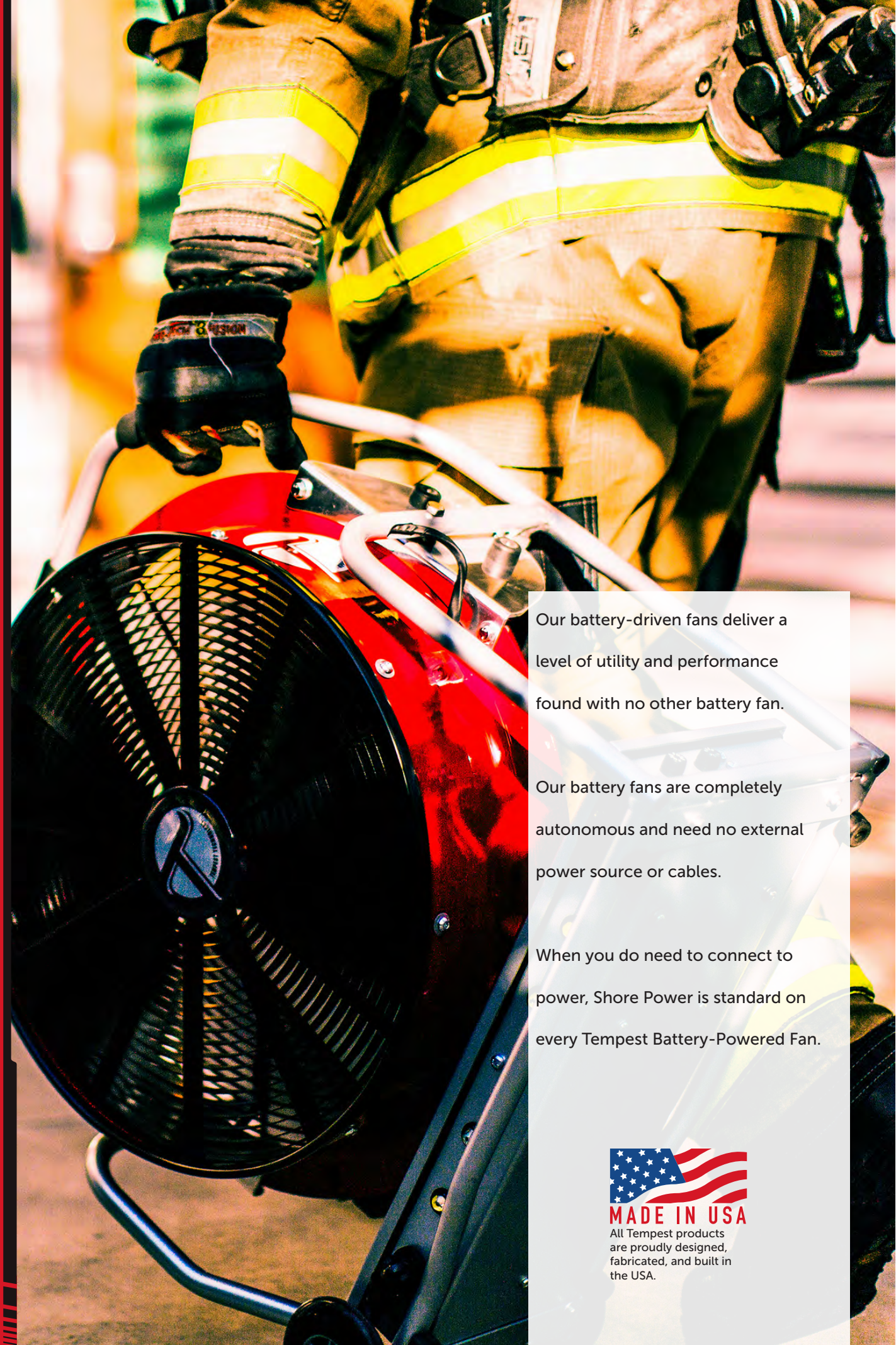
### SMOKE MACHINES

- 42 DUSK - for compact spaces
- SMOKE 3 - for medium spaces
- SMOKE 5 - for large spaces

### FLAME GENERATORS

- 43 GF42 - Compact flame generator
- AEROS 2 - Mid-sized flame generator
- PYROS 3 - Large-sized flame generator





Our battery-driven fans deliver a level of utility and performance found with no other battery fan.

Our battery fans are completely autonomous and need no external power source or cables.

When you do need to connect to power, Shore Power is standard on every Tempest Battery-Powered Fan.



Handle easily folds down for storage



## VS-1.3 THE ORIGINAL

**The Original** - Powered by: **Tempest's proprietary Lithium-Ion 17.5Ah Battery**

- 70-Minute Run Time at constant CFM
- 53 lbs. with battery
- Constant CFM at full power through battery discharge
- Out-of-the-box Shore Power
- compatible
- IP65 rated battery and motor
- Automatic, LED flow-path lighting
- Precise, Locking Tilt-Angles
- Dynamic Battery Management System
- Small footprint, Foldable handle
- 18-inch Blades / 0.9 HP Motor
- Dimensions 24.5" x 23" x 11.75"
- AMCA Certified: 10,887 CFM

Size	Item	Description	CFM	Weight
18"	910-2000	VS-1.3 THE ORIGINAL STANDARD - 1 Battery, 1 Charger	10,887	53 lbs.
	585-015	REPLACEMENT BATTERY VS1x, 48 VDC, 17.5 AH		
	585-030	Battery Charger, Plug In, 110/220 VAC to 48 VDC		



Handle easily folds down for storage

## VS-1.3D DEWALT® PLATFORM

Powered by: DEWALT® FLEXVOLT® 20V/60V MAX\* Batteries

- 40-Minute Run Time at constant CFM
- Constant CFM at full power through battery discharge
- 1 & up to 3 removable DEWALT® FLEXVOLT® 20V/60V MAX\* 12.0Ah
- Out-of-the-box Shore Power compatible
- IP65 rated motor
- Automatic, LED flow-path lighting
- Precise, Locking Tilt-Angles
- Dynamic Battery Management System
- Small footprint, Foldable handle
- 18-inch Blades / 0.9 HP Motor
- Dimensions 24.5" x 23" x 11.75"
- Conversion kits to DEWALT® platform available.
- AMCA Certified: 9,614 CFM

Size	Item	Description	CFM	Weight
18"	910-2010	VS1.3 DEWALT® Basic - No Battery/No Charger	9,614	53 lbs.
18"	910-2010A	Kit includes - 3 x 12Ah DEWALT® Batteries & 1 Single-Bay Charger		
18"	910-2010B	Kit includes - 3 x 12Ah DEWALT® Batteries & 4-Bay Charger		
	585-040	DEWALT® Flex Volt Li-Ion Battery 12Ah		
	585-046	DEWALT® Single-Bay Quick Charger for Batteries		
	585-047	DEWALT® 4-Bay Quick Charger for Batteries		



Handle easily folds down for storage

## VS-1.3M MILWAUKEE® PLATFORM

Powered by: MILWAUKEE® M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0

- 65-Minute Run Time at constant CFM
- Constant CFM at full power through battery discharge
- 1 & up to 3 removable MILWAUKEE® M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Batteries
- Out-of-the-box Shore Power compatible
- IP65 rated motor
- Automatic, LED flow-path lighting
- Precise, Locking Tilt-Angles
- Wider base, larger wheels
- Dynamic Battery Management System
- Small footprint, Foldable handle
- 18-inch Blades / 0.9 HP Motor
- Dimensions 25" x 23.75" x 15.25"
- AMCA Certified: 8,702 CFM

Size	Item	Description	CFM	Weight
18"	910-2005	VS1.3 MILWAUKEE® - No Battery/No Charger	8,702	53 lbs.
18"	910-2005A	Kit includes - 3 M18 Batteries + 1 multi-bay charger		
18"	910-2005B	Kit includes - 3 M18 Batteries + 1 single-bay charger		
	585-071	MILWAUKEE® M18 12 Ah Battery		
	585-072	MILWAUKEE® Single Battery Charger		
	585-073	MILWAUKEE® 6-Port Multi-Battery Charger		



## BB16 STANDARD

Powered by: Tempest's proprietary Lithium-Ion 12.5Ah battery

- 50-Minute Run Time at constant CFM
- 51 lbs. with battery
- Constant CFM at full power through battery discharge
- Out-of-the-box Shore Power compatible
- IP66 rated motor
- Automatic, LED flow-path lighting
- Tilt Range +65° to -90° locking system
- Dynamic Battery Management System
- Foldable clam shell-style
- 16-inch Blades / 0.8 HP Motor
- Dimensions 22" x 11" x 21"

Size	Item	Description	CFM	Weight
16"	910-1815A	BB-16 STANDARD - 1 Battery and Internal Charger Only	10,940	53 lbs.
16"	910-1815B	Kit includes 1 Battery and External Quick Charger		
16"	910-1815C	Kit includes 2 Batteries and 1 External Quick Charger		
	585-007	BB-16 GEN 2 Lithium Ion Battery 12.5Ah IP65		
	585-037	BB-16 GEN 2 External Quick Charger		



## BB16M MILWAUKEE® PLATFORM

Powered by: MILWAUKEE® M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0

- 48-Minute Run Time at constant CFM
- 48 lbs. with batteries
- Constant CFM at full power through battery discharge
- Out-of-the-box Shore Power
- compatible
- IP66 rated motor
- Automatic, LED flow-path lighting
- Tilt Range +65° to -90° locking system
- Dynamic Battery Management System
- Foldable clam shell-style
- 16-inch Blades / 0.37 HP Motor
- Dimensions 22" x 11" x 21"

Size	Item	Description	CFM	Weight
16"	910-1817	BB-16 MILWAUKEE® - 1 Battery and Internal Charger Only	9,707	48 lbs.
	585-071	MILWAUKEE® M18 12 Ah Lithium Ion Battery		
	585-072	MILWAUKEE® Single Battery Charger		
	585-073	MILWAUKEE® Multi-battery Charger 6-Port		

## Direct Drive Fans

THE ORIGINAL GASOLINE-POWERED PPV FAN



Size	Item	Model	HP	CFM	H x W x D	Weight
<b>DIRECT DRIVE - Honda Engines</b>						
16"	910-1100	DD-16-H-4.8	4.8	12,008	21.75" x 20.5" x 19.75"	79 lbs.
18"	910-1120	DD-18-H-4.8	4.8	14,773	24.25" x 22.75" x 21"	85 lbs.
21"	910-1140	DD-21-H-5.5	5.5	20,523	26.25" x 25" x 21"	90 lbs.
24"	910-1160	DD-24-H-5.5	5.5	19,606	30" x 28" x 21"	99 lbs.
<b>DIRECT DRIVE - Briggs&amp;Stratton Engines</b>						
16"	910-1101	DD-16-B-3.5	3.5	11,541	21.75" x 20.5" x 19.75"	73 lbs.
18"	910-1121	DD-18-B-5.5	3.5	14,341	24.25" x 22.75" x 21"	83 lbs.
21"	910-1141	DD-21-B-5.5	5.5	18,025	26.25" x 25" x 21"	87 lbs.
24"	910-1161	DD-24-B-5.5	5.5	19,232	30" x 28" x 21"	97 lbs.

## Belt Drive Fans

THE ORIGINAL BELT-DRIVEN, GASOLINE-POWERED PPV FAN



Size	Item	Model	HP	CFM	H x W x D	Weight
<b>Honda Engines</b>						
18"	910-1020	BD-18-H-4.8	4.8	15,023	23.5" x 21" x 25.25"	97 lbs.
21"	910-1040	BD-21-H-5.5	5.5	17,743	24.75" x 21" x 26.25"	101 lbs.
24"	910-1060	BD-24-H-5.5	5.5	18,130	28.25" x 21.75" x 30"	112 lbs.
27"	910-1081	BD-27-H-8.5	13.0	26,500	30.75" x 23.25" x 32.5"	165 lbs.

## Special Operations Fans

VARIABLE SPEED, DESIGNED FOR UNIQUE FIRE GROUND SCENARIOS



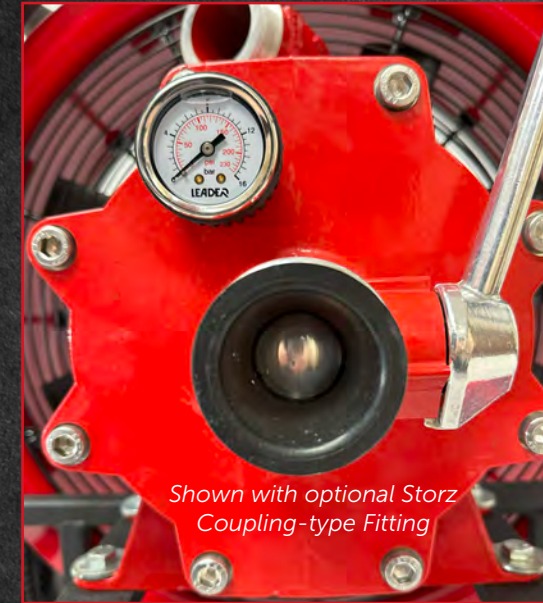
Handle easily folds down for storage

Size	Item	Model	HP	CFM	H x W x D	Weight
<i>Honda Engines</i>						
18"	910-1620	SP-18-H-5.5	5.5	15,792	22.5" x 20.5" x 21.5"	88 lbs.
21"	910-1640	SP-21-H-8.5	8.5	19,936	25.5" x 24.25" x 24"	122 lbs.

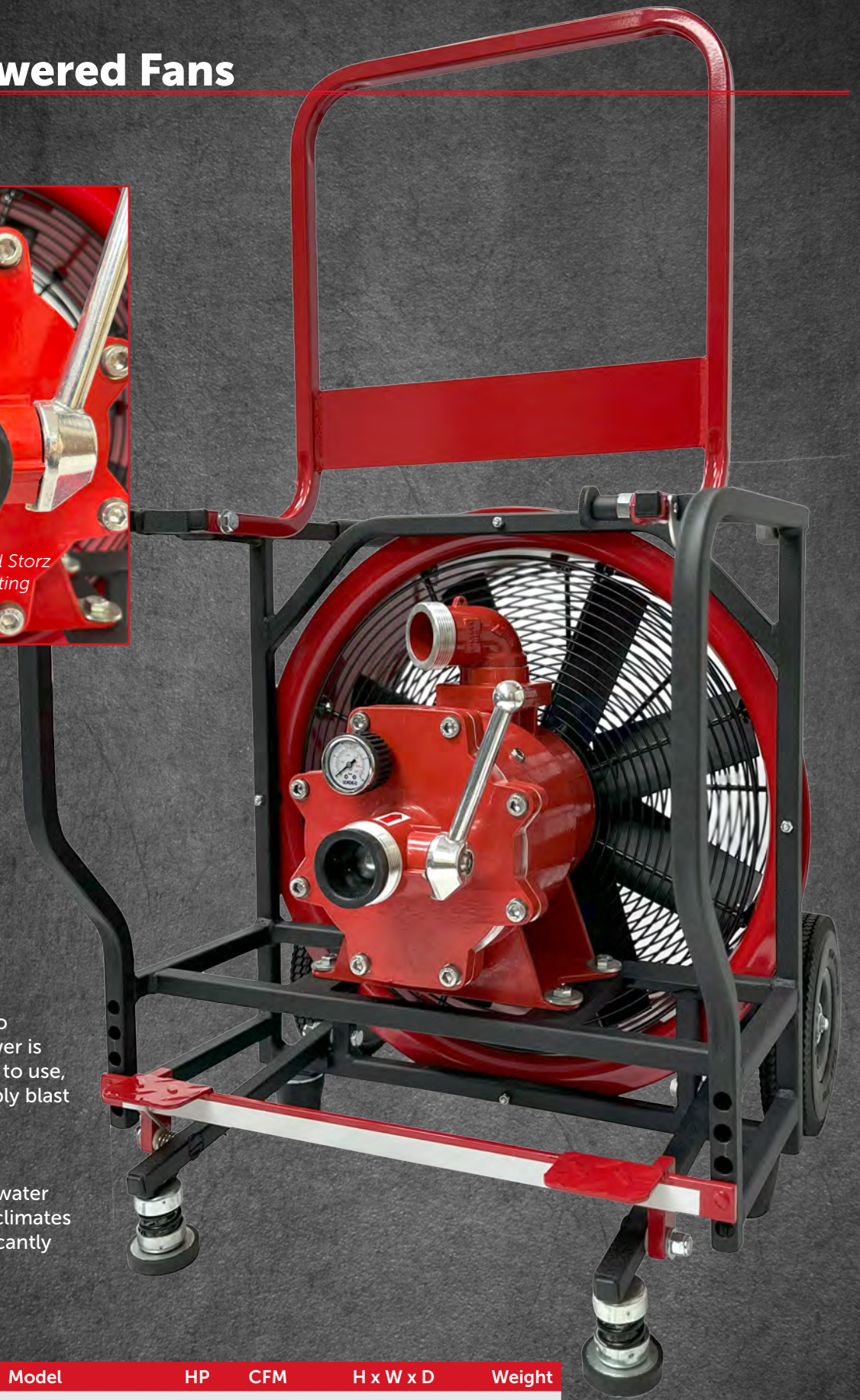
Size	Item	Model	HP	CFM	H x W x D	Weight
<i>Electric-Powered Variable Speed</i>						
18"	910-1720	SP-18-V-2.0 (110V)	2.0	15,792	27" x 26" x 23"	105 lbs.

## Hydraulic Powered Fans

WATER TURBINE DRIVEN FANS



Shown with optional Storz Coupling-type Fitting



Water-powered fans serve two purposes. When available power is unreliable, or even dangerous to use, water-powered fans will reliably blast smoke away.

Second, they cool spaces by utilizing the cooling effect of water evaporation. Ideal in hot, dry climates where water vapor can significantly lower the temperature.

Size	Item	Model	HP	CFM	H x W x D	Weight
18"	910-1123	WD-18	N/A	14,773	22.75" x 21" x 24.25"	70 lbs.

# Single-Speed Electric Fans

LIGHTWEIGHT AND POWERFUL



Size	Item	Model	HP	CFM	H x W x D	Weight
<b>110V/60Hz</b>						
16"	910-1200	SS-16-S-1.5	1.5	11,804	20.5" x 19.75" x 21.75"	74 Lbs.
18"	910-1220	SS-18-S-1.0	1.0	8,748	22" x 21" x 24.25"	76 Lbs.
21"	910-1240	SS-21-S-1.0	1.0	11,698	24.75" x 21" x 26.25"	81 Lbs.
24"	910-1260	SS-24-S-1.0	1.0	12,867	28" x 21" x 30"	90 Lbs.
<b>220V/50Hz</b>						
16"	910-1218	SS-16-S-1.5	1.0	11,804	21" x 19.75" x 21.75"	74 lbs.
18"	910-1238	SS-18-S-1.5	1.5	8,748	23" x 21" x 24.25"	76 lbs.
21"	910-1258	SS-21-S-1.0	1.0	11,698	26" x 21" x 26.25"	81 lbs.
24"	910-1278	SS-24-S-1.0	1.0	12,867	29.5" x 21" x 30"	90 lbs.
<b>Explosion Proof - Rated for Class I (Group C &amp; D) and Class II (Group F &amp; G) Environments</b>						
16"	910-1201	SS-16-S-1.0-EP	1.0	7,502	20.5" x 19.75" x 21.75"	79 Lbs.
18"	910-1221	SS-18-S-1.0-EP	1.0	8,748	22" x 21" x 24.25"	81 Lbs.
21"	910-1241	SS-21-S-1.0-EP	1.0	11,698	24.75" x 21" x 26.25"	86 Lbs.
24"	910-1261	SS-24-S-1.0-EP	1.0	12,867	28" x 21" x 30"	95 Lbs.

# Variable-Speed Electric Fans

POWERFUL VARIABLE SPEED THAT BRIDGES THE GAP BETWEEN GASOLINE AND ELECTRIC AIRFLOW



Size	Item	Model	HP	CFM	H x W x D	Weight
16"	910-1300	VS-16-G-1.5	1.5	11,125	21" x 19.75" x 21.75"	89 Lbs.
18"	910-1320	VS-18-G-1.5	1.5	11,861	23" x 21" x 24.25"	95 Lbs.
21"	910-1340	VS-21-G-1.5	1.5	13,414	26" x 21" x 26.25"	99 Lbs.
24"	910-1360 *	VS-24-G-1.5	1.5	12,901	29.5" x 21" x 30"	109 Lbs.
16"	910-1400 *	VS-16-R-2.0	2.0	11,551	21" x 19.75" x 23"	98 Lbs.
18"	910-1420 *	VS-18-R-2.0	2.0	12,839	23" x 21" x 24.25"	104 Lbs.
21"	910-1440 *	VS-21-R-2.0	2.0	14,836	26" x 21" x 26.25"	108 Lbs.
24"	910-1460 *	VS-24-R-2.0	2.0	15,663	29.5" x 21" x 30"	119 Lbs.
16"	910-1500 *	VS-16-M-0.5	0.5	11,475	21" x 19.75" x 21.75"	68 Lbs.
18"	910-1520 *	VS-18-M-0.5	0.5	8,465	23" x 21" x 24.25"	82 Lbs.
21"	910-1540 *	VS-21-M-0.5	0.8	11,475	26" x 21" x 26.5"	86 Lbs.

\* Available in 220V/50Hz or 230V/60Hz

NEMA-4 rated drive provides extra protection in wet environments.

## Electric Smoke Ejectors

SIMPLICITY AND AFFORDABILITY



Size	Item	Model	HP	CFM	Weight
<i>Small footprint at 18.75" x 14.25" x 19.50"</i>					
16"	911-1000	EB-16-S-03	0.3	3,200	47 Lbs.
<b>Explosion Proof Option</b>					
16"	913-1001	EB-16-S-0.3-EP	0.3	3,200	52 lbs.
<b>High Flow</b>					
16"	913-1010	EB-16-S-1.5-HP	1.5	11,804	59 lbs.
	300-141	Door Bar Blower Holder			
	300-142	Hanging Bracket Set			
	725-177	Duct Hose Adapter Clip			

## Variable Speed Electric Fans

TECHNOLOGY FROM LEADER

Size	Item	Model	HP	CFM	H x W x D	Weight
<b>Variable Speed Drive</b>						
18"	i63-10-142N	EVG230	4.0	13,340	21.75" x 21.5" x 25.75"	107 lbs.



## Fan Accessories



585-015

VS1 Series Replacement Battery



585-030

VS1 Series Charger



610-1814

VS1 Series Mount Kit -  
12V Inverter & Charger



585-040

DEWALT® FlexVolt® Battery



585-046

DEWALT® 4-Bay Quick Charger

610-1840  
VS1 to DEWALT® Conversion Kit



725-070

Ducting - Flex Tube - 18" x 15'

725-019

Ducting - Flex Tube - 18" x 25'



585-071

MILWAUKEE® M18® Battery



585-073

MILWAUKEE® 6 Port Charger



300-142

Hanging Bracket Set



585-007

BB-16 GEN 2 Battery



585-037

BB-16 GEN 2 Quick Charger



725-049L or 725-049S

Misting Ring Assembly

# Introducing:

## Black Hawk from Tempest Lightweight Mobile Ventilation Unit

### OUTPUT

80,000 CFM (Nominal Air Flow)  
78 to 94 mph

### FAN ASSEMBLY

Shroud Diameter: 32", 40" or 48"  
Steel Shroud  
Composite Impeller Blades  
Hydraulic Drive

### PTO ENGINE OPTIONS

Gasoline Option - Kubota 74HP  
Diesel Option - Kubota 87HP  
Diesel Option - JCB 120HP  
120 Gallon Fuel Tank  
7 Hours Operating Time per Tank

### MOUNTING OPTIONS

Ford® Super Duty® F450® Platinum  
(or greater)  
Single or Double Axle Trailer  
Skid Mount

### OPTIONAL FEATURES

Custom Ventilator Scissor Lift  
Available 90° Tilt of the Entire Lift  
180° Rotation System  
High-Volume Water Misting Systems

## 24 Hours / 7 Days a Week

Relentlessly sustains operation  
with minimum maintenance

## Our Full- Functioning Hydraulic System

drives the ventilator, tilt and scissor lift

## Available 90° Tilt of the Entire Lift



# Mobile Ventilation Unit:

THE ORIGINAL, MASSIVE VENTILATOR TO CONQUER THE TOUGHEST JOBS

The powerhouse of our line, TEMPEST MVU® is the largest ventilator that we build.

There is nothing like this ventilator. The MVU® generates air movement unlike anything you've seen and will remain in active service for decades.

The 150,000 CFM ventilates anything in its way.



**MADE IN USA**

All Tempest MVU®s are proudly designed, fabricated, and hand-built in the USA.





**OUTPUT**

- 150,000 CFM (Nominal Air Flow)
- 78 - 100 MPH
- Max Impeller RPM: 1,160

**FAN ASSEMBLY**

- Shroud Diameter: 48" or 60"
- Steel Shroud
- Seven (7) Aluminum Impeller Blades
- Hydraulic Drive

**ENGINE**

- Cummins Diesel or Caterpillar
- 133 HP
- 55 Gallon Fuel Tank
- 7 Hours Operating Time per Tank

**MOUNTING OPTIONS**

- Truck, Trailer or Skid-Mounted

**OPTIONAL FEATURES**

- Custom Ventilator Scissor Lift
- 360° Rotation System
- High-Volume Water Misting Systems

Custom designed to easily conquer the most serious ventilation problems

## ***24 Hours / 7 Days a Week***

Relentlessly sustains operation with minimum maintenance

## ***Our Full-Functioning Hydraulic System***

drives the ventilator, tilt and scissor lift

## ***Our Patented Axial Ventilator***

provides massive air flow as there are no obstructions to the inlet

## ***No Special Rigging or Storage Required***

Just get in, and drive to the emergency



## EASY 2000

LARGE FLOW VENTILATION



Size	Lift System	Item	Description	HP	CFM	H x W x D	Weight
35"	None	i60-30-121	EASY 2000 on Skid	20.8	84,000	49" x 42" x 47"	392 lbs.
35"	24"	i60-30-125	EASY 2000 Skid with 24" Elevation			59" x 42" x 50"	703 lbs.
35"	48"	i60-30-126	EASY 2000 Skid with 48" Elevation				802 lbs.
35"	48"	i60-30-203	EASY 2000 Skid with 79" Elevation				950 lbs.
35"	80"	i60-30-202	EASY 2000 Skid with 79" Elevation + Trolley				975 lbs.

### Trailer Mounted

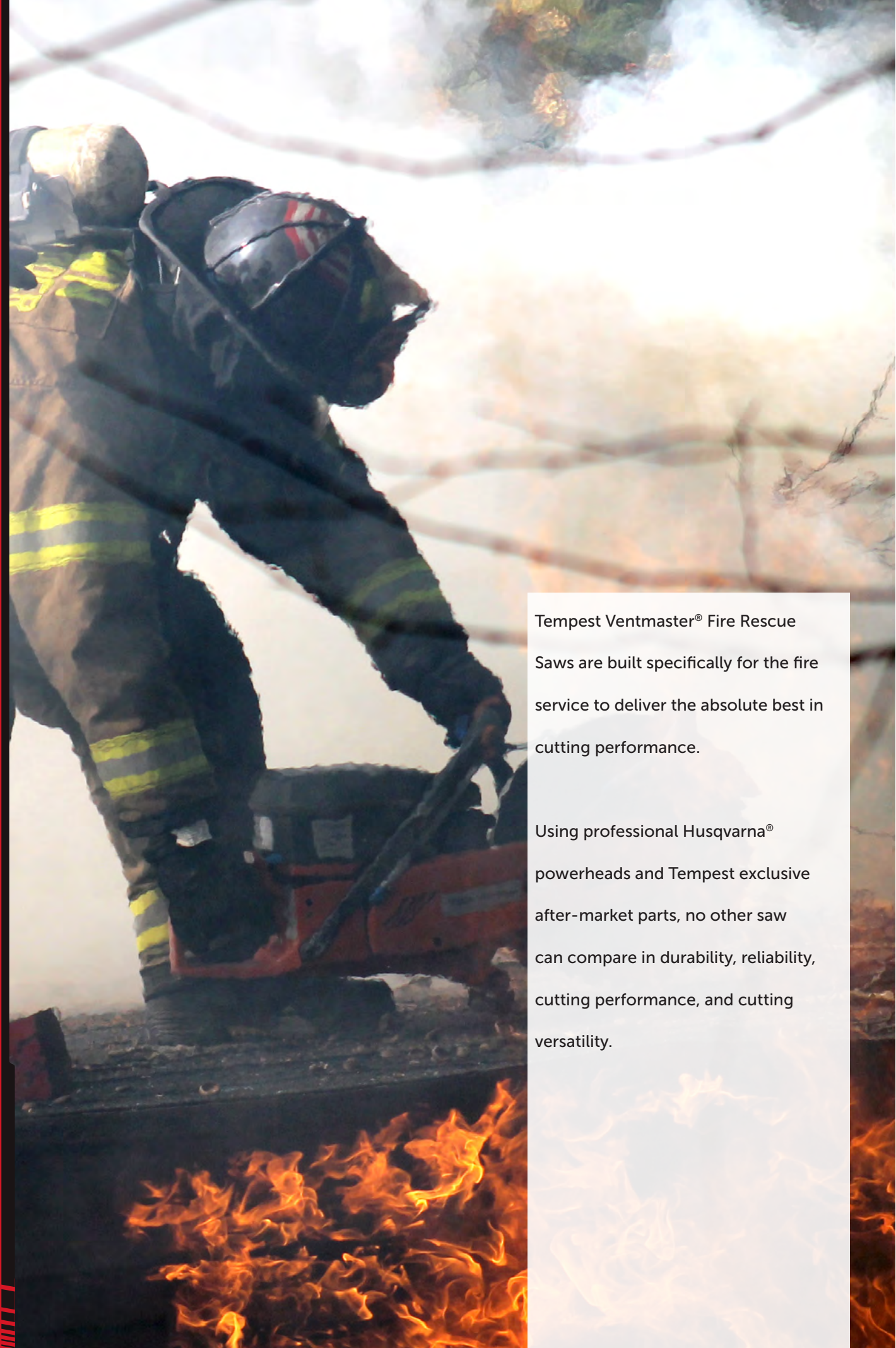
- Movable and usable with forklift or truck
- Mounted on trolley or similar
- Truck Mounted

### Skid Mounted

- For installation on bed or vehicle (pick-up, truck, rail platform, etc.)

### OPTIONAL ACCESSORIES:

Item	Description
A6D.30.134	U.S. Trailer - No Rotation
A6D.30.133	U.S. Trailer with Rotation
i60-20-012	Exhaust Extension 2" diameter x 8 feet, connectable
i60-30-019	Suction Ducting for 23" diameter x 20 Feet
i60-30-119	Trolley
i60-30-122	Blowing duct
i60-30-128	Engine Adapter for Exhaust Extension
i60-30-129	Manual 360° rotation system
710-210	Cart with 8" Wheels, Removable Pull/Push Handle, & Removable UTV Tongue



Tempest Ventmaster® Fire Rescue Saws are built specifically for the fire service to deliver the absolute best in cutting performance.

Using professional Husqvarna® powerheads and Tempest exclusive after-market parts, no other saw can compare in durability, reliability, cutting performance, and cutting versatility.

## 375K & 397K Ventmaster® Cutoff Saws

VENTMASTER® FIRE RESCUE GAS-POWERED CUTOFF SAWS



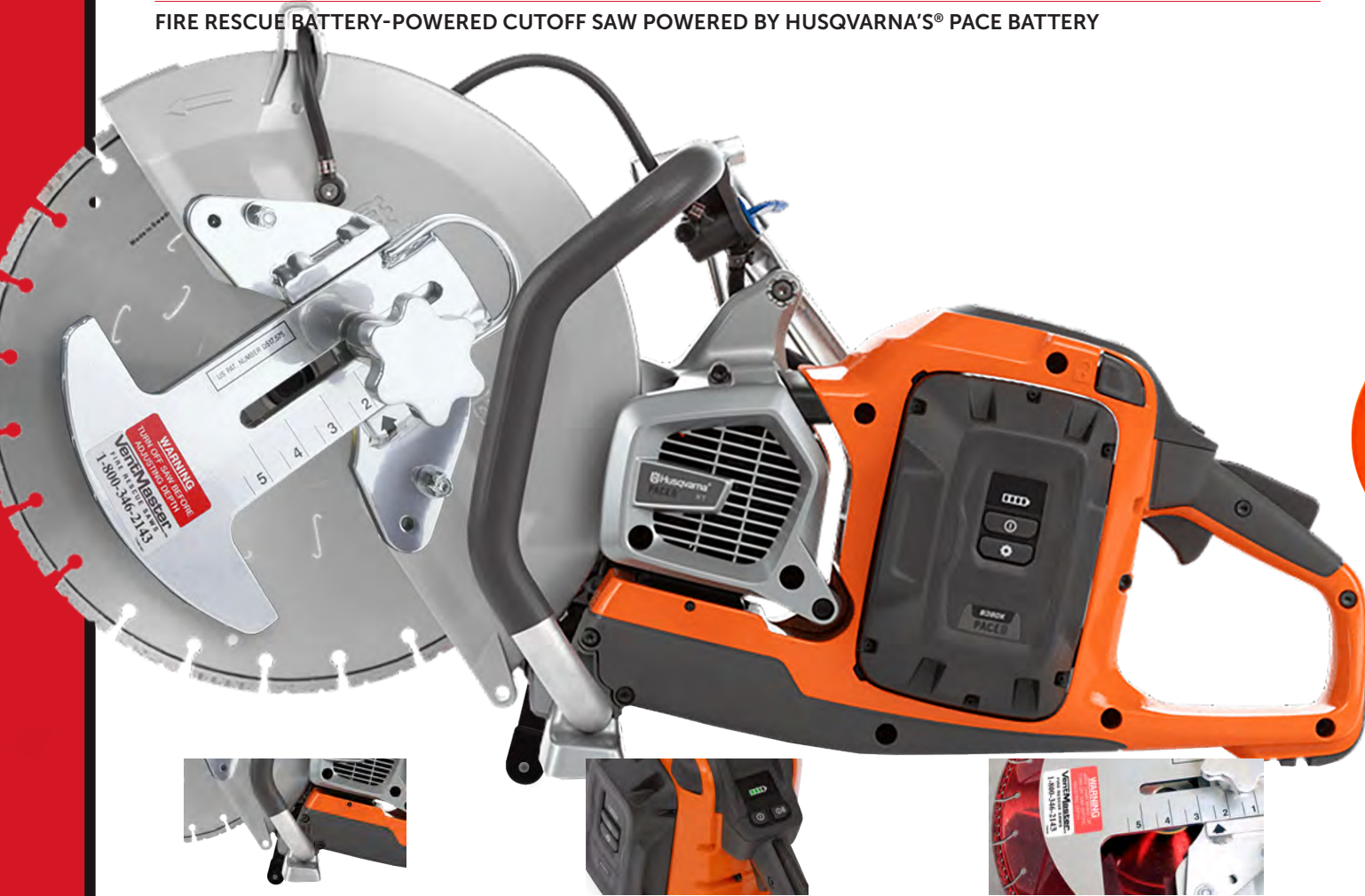
- Precise cutting with patented “KIS-360” Depth Gauge
- Ventmaster® Diamond Blades - cut steel, iron, brick & concrete
- Bottom Roller Assembly reduces operator fatigue.
- Lightweight and perfectly balanced at 24 lbs.
- SmartCarb™ automatic filter for high power and lowers fuel consumption.
- Professional grade performance

Size	Item	Description	HP
14"	TV406-706	BASE Cutoff Saw 375K (K770 Powerhead) - with NO ROLLER, NO DEPTH GAUGE, NO BLADE	5.0
14"	TV406-606	Cutoff Saw 375K (K770 Powerhead) - with ROLLER, NO DEPTH GAUGE, NO BLADE	5.0
14"	TV406-506	Cutoff Saw 375K (K770 Powerhead) - with ROLLER + DEPTH GAUGE, NO BLADE	5.0
14"	TV406-707	BASE Cutoff Saw 397K (K970 Powerhead) - with NO ROLLER, NO DEPTH GAUGE, NO BLADE	6.5
14"	TV406-607	Cutoff Saw 397K (K970 Powerhead) - with ROLLER, NO DEPTH GAUGE, NO BLADE	6.5
14"	TV406-507	Cutoff Saw 397K (K970 Powerhead) - with ROLLER + DEPTH GAUGE, NO BLADE	6.5
	TV426-007	KIS-360 Complete Cutoff Saw Depth Gauge	
14"	TV406-074	Multi-Use Ventmaster® Diamond Blade	
14"	TV406-081	Concrete Ventmaster® Diamond Blade	
14"	TV406-091	Ductile Iron Ventmaster® Diamond Blade	
14"	TV406-105	Carbide Tipped Wood Cutting Blade	
14"	TV406-003	Non-Diamond Abrasive Blade for Concrete	
14"	TV406-009	Non-Diamond Abrasive Blade for Steel	

**BLADE KITS ARE AVAILABLE!**

## K1 Ventmaster® Fire Rescue Cutoff Saw

FIRE RESCUE BATTERY-POWERED CUTOFF SAW POWERED BY HUSQVARNA'S® PACE BATTERY



Bottom Roller Assembly



High Power Pace Battery System



Tool-Less "KIS-360" Aluminum Depth Gauge

Size	Item	Description
14"	TV402-110	<b>K1 Ventmaster® BASE</b> - No Roller, No Blade, No Battery, No Charger, No Depth Gauge, No Roller
14"	TV402-120	<b>K1 Ventmaster® STANDARD</b> - includes Roller, Battery and Charger (No Blade, No Depth Gauge)
14"	TV402-100	<b>K1 Ventmaster® K1-DG-14</b> Basic Full Option with Depth Gauge (Blade, Battery and Charger not included)
14"	TV402-150	<b>K1 Ventmaster® K1-14</b> Basic Full Option (No Depth Gauge, Blade, Battery and Charger not included)
	TV426-007	<b>KIS-360 Complete Cutoff Saw Depth Gauge</b>
14"	TV406-074	Multi-Use Ventmaster® Diamond Blade
14"	TV406-081	Concrete Ventmaster® Diamond Blade
14"	TV406-091	Ductile Iron Ventmaster® Diamond Blade
14"	TV406-105	Carbide Tipped Wood Cutting Blade
14"	TV406-003	Non-Diamond Abrasive Blade for Concrete
14"	TV406-009	Non-Diamond Abrasive Blade for Steel
	TV497-003	Husqvarna Battery B380X 4Ah
	TV497-004	Husqvarna Battery B750X 8Ah
	TV497-022	Husqvarna Battery Charger C900X
	TV497-023	Husqvarna Battery Charger C1800X

**BLADE KITS AND BATTERIES ARE AVAILABLE!**

## 562XP® Mark II & 572HD Ventmaster® Chainsaws

VENTMASTER® FIRE RESCUE GAS-POWERED CHAINSAWS



Steel Deflector Plate



Tool-Less "KIS-40" Aluminum Depth Gauge



Raptor Carbide Chains

Size	Item	Description	HP	Chain Pitch
16"	TV400-021	<b>Ventmaster® 562HD Mark II, 16" with Chain, Depth Gauge</b>	4.7	0.404
16"	TV400-024	<i>Kit includes Chain, No Depth Gauge</i>	4.7	0.404
20"	TV400-023	<b>Ventmaster® 562HD Mark II, 20" with Chain, No Depth Gauge</b>	4.7	0.404
20"	TV400-020	<i>Kit includes Chain and Depth Gauge</i>	4.7	0.404
16"	TV400-088	<b>Ventmaster® 572HD, 16" No Chain, No Depth Gauge</b>	5.8	0.404
16"	TV400-084	<i>Kit includes Chain, No Depth Gauge</i>	5.8	0.404
16"	TV400-086	<i>No Chain, Depth Gauge</i>	5.8	0.404
16"	TV400-081	<i>Kit includes Chain and Depth Gauge</i>	5.8	0.404
20"	TV400-085	<b>Ventmaster® 572HD, 20" No Chain, Depth Gauge</b>	5.8	0.404
20"	TV400-083	<i>Kit includes Chain, No Depth Gauge</i>	5.8	0.404
20"	TV400-080	<i>Kit includes Chain and Depth Gauge</i>	5.8	0.404
	TV410-003	<b>KIS-40 Complete Chainsaw Depth Gauge</b>		
	TV415-001	<i>16" Loop for Ventmaster® Saws</i>		
	TV415-002	<i>20" Loop for Ventmaster® Saws</i>		
	TV415-035	<i>Wood Cutting Chain 16" Standard Loop</i>		
	TV415-036	<i>Wood Cutting Chain 20" Standard Loop</i>		

**ADDITIONAL GUIDE BARS, REELS, AND LOOPS ARE AVAILABLE!**

## Husqvarna® Battery Cutoff Saws

QUICK DEPLOYMENT BATTERY-POWERED CUTOFF SAWS



- Blade speed at maximum power is 253 ft/s for fast and smooth cutting
- Super lightweight and perfectly balanced at 15 lbs
- Ideal for lighter concrete cutting

Size	Item	Description
9"	TV402-051	Cut Off Saw - Husqvarna 535i xP 9"
9"	TV497-040	Vari-Cut Metal Cutting FR3 9" Blade
9"	TV497-041	Tacti-Cut General Cutting S35S 9" Blade
9"	TV497-042	Tacti-Cut Abrasive Metal Cutting S35S 9" Blade
9"	TV497-043	All Cut Rescue Diamond Blade 9"
10"	TV402-005	Cut Off Saw - Husqvarna® 540i xP 10"
10"	TV406-072	Multi-Use Diamond Blade
	TV497-001	Husqvarna® BLi200 5Ah Battery
	TV497-002	Husqvarna® BLi300 9Ah Battery
	TV497-023	Husqvarna® Battery Charger 500 Watt
	TV497-021	Husqvarna® Battery Charger 500 Watt

## Husqvarna® Battery Chainsaws

QUICK DEPLOYMENT BATTERY-POWERED CHAIN SAWS



- Chain speed at maximum power is 79 ft/s for fast and smooth cutting
- Super lightweight and perfectly balanced at 11 lbs
- Ideal for small and mid-size brush cutting
- Equivalent to a 40cc gasoline-powered chainsaw

Size	Item	Description
14"	TV402-002	Chain Saw - Husqvarna® 540i xP - 14" with Bar & Chain (no battery/no charger)
16"	TV402-003	Chain Saw - Husqvarna® 540i xP - 16" with Bar & Chain (no battery/no charger)
16"	TV402-006	Chain Saw - Husqvarna® 542i xP - 16" with Bar & Chain (no battery/no charger)
	TV497-001	Husqvarna® BLi200 5Ah Battery
	TV497-002	Husqvarna® BLi300 9Ah Battery
	TV497-023	Husqvarna® Battery Charger 500 Watt
	TV497-021	Husqvarna® Battery Charger 500 Watt



## ECOPOL A3+Milspec

FLUORINE-FREE FOAM - HYDROCARBON FIRE PROTECTION FOR AIRCRAFT OPERATIONS



**Effective** at Low and Medium Expansion

- » High performances on new fuels listed on MILSPEC standard
- » Usable with sea or brackish water
- » Compatible with aircraft fire trucks, airport crash trucks, fixed foam systems and mobile emergency response equipment, aspirating and non-aspirating discharge devices. As a Newtonian product, it's compatible with all dosing systems

- » Applicable on hydrocarbon fires - diesel, kerosene, JET A
- » Adheres to vertical surfaces to insulate them thermally
- **Eco-friendly: fluorine-free and 100% biodegradable**
- **ICAO Level B**
- **Greenscreen Certified**
- **MILSPEC certified: MIL-PRF-32725**

Item	Description
5-gallon pails F05-20-0015W	
55-gallon drums F05-20-0016W	ECOPOL A3+ Milspec - Hydrocarbon Fuels, Diesel, Jet A, Jet A1, Gasoline, Kerosene
265-gallon totes F05-20-0019	



BIOEX Products are proudly made in the USA



## BIOFOR N

FLUORINE-FREE FOAM - MULTI-PURPOSE CLASS A/B (SOLID) HYDROCARBON FIRES



**Effective** at Low, Medium and High Expansion

- class A fires from 0.1% - 1%:
- Forest fires, dumpsters, homes, vehicles...
- class B hydrocarbon fires: vehicle fires, and fuel leaks on hydrocarbon fires from 1%

- **Eco-friendly: fluorine-free and 100% biodegradable**
- **EN 1568 1-2-3**
- **Marine: VERITAS**
- **CEREN Certificates**
- **Greenscreen Certified**
- **UL Listed**
- **NFPA 18**

Item	Description
5-gallon pails F03-02-0515W	
55-gallon drums F03-02-0516W	BIOFOR N - Structure Fires, Forest Fires / Small Hydrocarbon Fires
265-gallon totes F03-02-0528	



## ECOPOL Premium UL

FLUORINE-FREE FOAM - ALCOHOL RESISTANCE FOR CLASS B HYDROCARBON & POLAR SOLVENT FIRES

**Effective** at Low, Medium and High Expansion

- Effective in direct application without disturbing the foam blanket
- Usable with fresh water and sea water
- This class A/B Fluorine-Free Foam is effective on:
  - » polar solvent fires: alcohols, ketones, ethers, methanol...
  - » hydrocarbon fires: fuel, diesel oil, kerosene, gasoline, etc.
- » industrial fires: landfills, plastics, tires
- » urban fires: dumpsters, furniture, textiles...
- **Eco-friendly: fluorine-free and 100% biodegradable**
- **Greenscreen Certified**
- **International Standard: UL Listed**
- **Class A: CEREN certificate**



Item	Description
5-gallon pails F05-12-0515W	
55-gallon drums F05-12-0516W	ECOPOL Premium UL - Alcohol Resistant CLASS B
265-gallon totes F05-12-0528	

## ECOPOL F

FLUORINE-FREE FOAM - CLASS A WILDLAND FIRES

**Effective** on class A wildland, forest, brush fires from 0.1% to 1%

- High wetting properties
- Compatible with long-term fire retardants
- As efficient with salt, fresh, and brackish water

- **Eco-friendly: fluorine-free and 100% biodegradable**
- **USDA Forest Service QPL-listed for all application methods: ground engines, water-scoopers, airtankers (SEATS), fixed-tank helicopters and helicopter buckets**
- **GreenScreen certified**



Item	Description
5-gallon pails F05-10-0015W	
55-gallon drums F05-10-0016W	ECOPOL F - Structure and Forest Fires
265-gallon totes F05-10-0037	

# ECO CAF - Compressed Air Foam System

ECONOMICAL, EASY-TO-USE, ECO-FRIENDLY FIRE SUPPRESSION SYSTEM



Economical Fire-Suppression Systems that are simple to operate. ECO CAF Systems are designed to meet budgetary restraints of fire departments and industry worldwide. ECO CAF uses no outside pressure vessel to operate. A standard air compressor is all it takes to refill and put back into operation.

*Tempest recommends BIO-EX Fluorine-Free Foam*

Item	Description
ECO-CAF-10030-OG	ECO CAF 3-Gallon Handheld Compressed Air Foam System w/ Oil-Filled Gauge
ECO-CAF-10030-S	ECO CAF 3-Gallon Handheld Compressed Air Foam System
ECO-CAF-10071-V	ECO CAF 30-Gallon Vertical CAF System
ECO-CAF-10069	ECO CAF 12-Gallon Poly Skid CAF System
ECO-CAF-10071	ECO CAF 30-Gallon Poly Skid CAF System
ECO-CAF-10072	ECO CAF 60-Gallon Poly Skid CAF System
ECO-CAF-10073	ECO CAF 120-Gallon Poly Skid CAF System
ECO-CAF-30106	Conversion KIT for ECO CAF 3



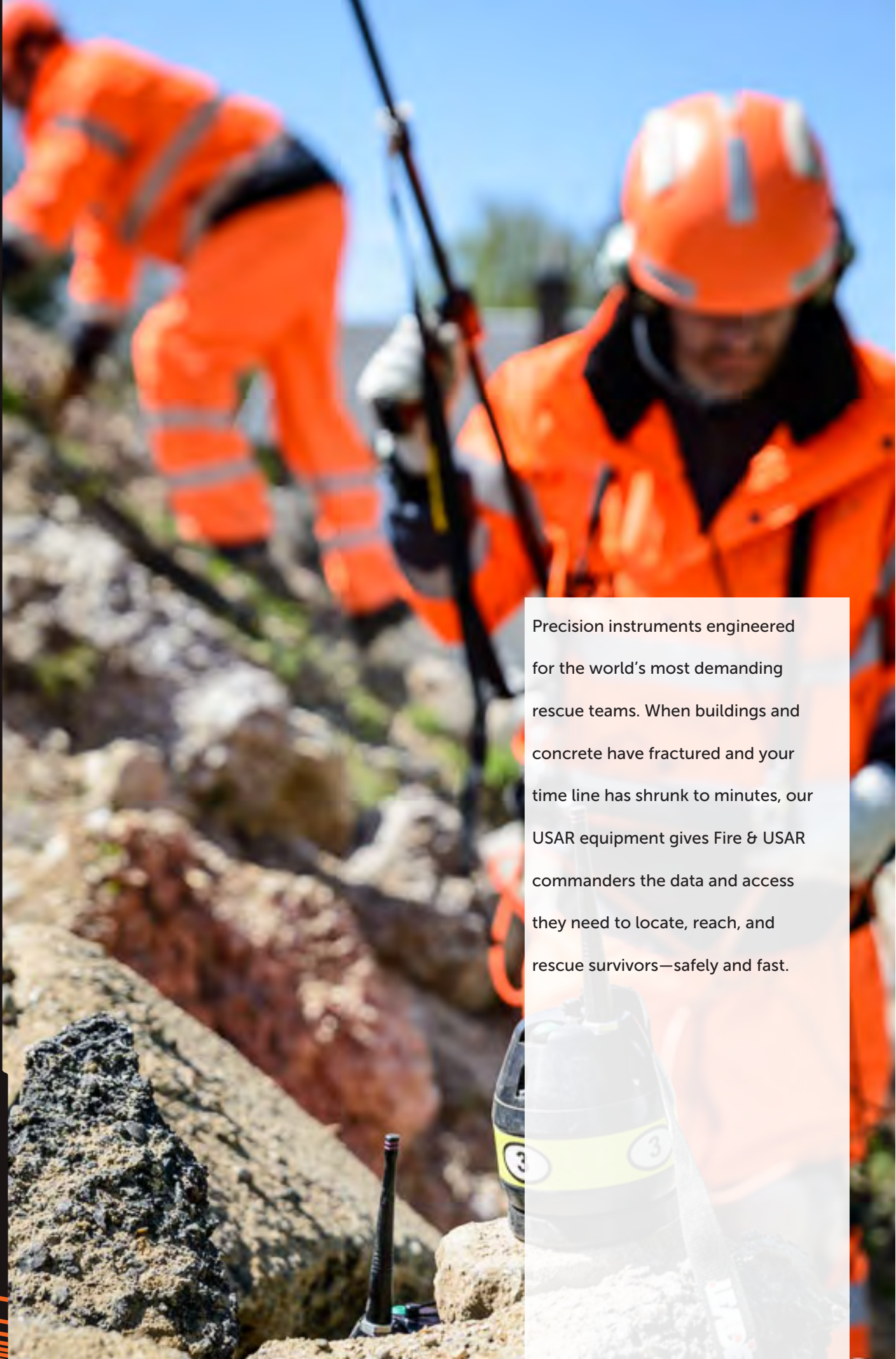
**ECO CAF 3-Gallon**  
Discharges approximately 30 gallons of finished foam a distance of 40-feet



**ECO CAF 30-Gallon Vertical**  
Discharges approximately 300 gallons of finished foam a distance of 75-feet



**ECO CAF 30-Gallon Skid Unit**  
Discharges approximately 300 gallons of finished foam a distance of 75-feet



Precision instruments engineered for the world's most demanding rescue teams. When buildings and concrete have fractured and your time line has shrunk to minutes, our USAR equipment gives Fire & USAR commanders the data and access they need to locate, reach, and rescue survivors—safely and fast.

## INTRODUCING MULTISEARCH:

A SINGLE TOOL FOR VICTIM SEARCH OPERATIONS

The MULTISEARCH USAR System is a single durable tool for all Search and Rescue Operations. Easily connect up to **5** interchangeable peripherals depending on your operations. It's configurable and scalable - build your kit at purchase, then add additional peripherals according to your operational needs over time. MULTISEARCH tools have been tried and tested at post-earthquake disasters in Turkey and Indonesia, building collapses in Miami, and train derailments in Boston.

**CAM:**  
Color Camera Head (D11-04-372) attached to a 12' Telescopic Pole (D11-04-373)

**The MULTI-APP Control Box:**  
Connect up to 5 peripherals at one time.

**TIC:**  
Thermal Imaging Camera Head (D11.04.370) to detect body heat for quick location

**RD90:**  
Waterproof Camera on a 295' reel (D11-04-347)

**SCAN:**  
Ultra-Wide Band (UWB) Life-Detection Radar Surveillance (D11-07-018)

**SEARCH:**  
Wired (D11-04-336) or Wireless (D11-04-335) listening seismic detectors

Item	Description
D11-01-21	<b>MULTI-APP Control Box</b> with Battery and Accessories
D11-04-373	<b>Telescopic Pole</b> + Pistol Grip + Shoulder Strap - extends to 12' / 3.7m
D11-04-372	<b>CAM</b> - Color Camera Head
D11-04-370	<b>TIC</b> - Thermal Imaging Camera Head
D11-04-347-1	<b>R90D</b> - Waterproof Camera on a 295' / 90m cable reel
D11-04-356D	82' / 25m <b>Extension Cable</b>
D11-04-335	<b>Wireless Seismic Sensor</b> + Magnet + Pike
D11-04-336	<b>Wired Seismic Sensor</b> + Magnet + Pike
D11-07-018	<b>SCAN Radar Sensor</b> and Accessories in a secure hardcase

# MULTISEARCH: Hasty Kits

FIRST-WAVE, MULTI-SENSOR SEARCH PACKAGE FOR "RAPID SIZE-UP."



Time is fatal in primary search. The MULTISEARCH Hasty Kit compresses the core capabilities of a full technical-search cache into a single, deploy-in-minutes package

- ☑ **Multiple peripherals connect to a single MULTI-APP control box**
- ☑ **Add new peripherals at any time**
- ☑ **Versatile:** Connect up to 5 interchangeable peripherals.
- ☑ **Configurable:** Build your own kit..
- ☑ **Upgradable:** Add new peripherals at any time.
- ☑ **See and communicate directly** with victims trapped in confined spaces.



Item	Description
D11-01-05	<b>HASTY Kit 1:</b> MULTI-APP Control Box; Peripherals - CAM (Color Camera), 2 SEARCH Wireless Seismic Sensors
D11-01-06	<b>HASTY Kit 2:</b> MULTI-APP Control Box; Peripherals - CAM, 3 SEARCH Wireless Sensors
D11-01-07	<b>HASTY Kit 3:</b> MULTI-APP Control Box; Peripherals - CAM, 2 SEARCH Wireless Sensors, 1 TIC Camera
D11-01-08	<b>HASTY Kit 4:</b> MULTI-APP Control Box; Peripherals - CAM, 3 SEARCH Wireless Sensors, 1 TIC Camera

# MULTISEARCH: Radar Kits

ULTRA-WIDE BAND (UWB) LIFE-DETECTION RADAR FOR THROUGH-WALL AND DEEP-VOID SURVEILLANCE.



Breathing—even when a victim is unconscious—produces micro-movements too small for the eye but unmistakable to the Multisearch Radar Kit. The Ultra-Wide Band (UWB) sensor detects chest rise as slight as 0.2-inches through 20-inches of reinforced concrete, then overlays that data on the MULTI-APP interface for immediate targeting by camera or acoustic teams. Rescue is imminent.

- ☑ **Detects:** Up to 98-feet through voids;even through 20-inches of concrete.
- ☑ **Layered Detection Strategy** minimizes false negatives in complex collapses.
- ☑ **Connect Multiple peripherals** to a single MULTI-APP control box
- ☑ **Radar links seamlessly** with other Multisearch peripherals
- ☑ **Add new peripherals at any time**



Item	Description
D11-01-11	<b>Kit 1:</b> MULTI-APP Control Box; Peripherals - CAM (Color Camera), 1 SCAN Movement Detector
D11-01-12	<b>Kit 2:</b> MULTI-APP Control Box; Peripherals - CAM, 1 TIC (Thermal Imaging Camera)
D11-01-09	<b>Kit 3:</b> MULTI-APP Control Box; Peripherals - 1 SCAN, 2 SEARCH Wireless Seismic Sensors
D11-01-10	<b>Kit 4:</b> MULTI-APP Control Box; Peripherals - 1 SCAN, 3 SEARCH Wireless Sensors
D11-01-03	<b>Kit 5:</b> MULTI-APP Control Box; Peripherals -1 SCAN, 1 CAM, 2 SEARCH Wireless Sensors
D11-01-04	<b>Kit 6:</b> MULTI-APP Control Box; Peripherals - CAM, 1 SCAN, 3 SEARCH Wireless Sensors
D11-01-01	<b>Kit 7:</b> MULTI-APP Control Box; Peripherals - CAM, 1 SCAN, 2 SEARCH Wireless Sensors, 1 TIC Camera
D11-01-02	<b>Kit 8:</b> MULTI-APP Control Box; Peripherals - CAM, 1 SCAN, 3 SEARCH Wireless Sensors, 1 TIC Camera
D11-01-20	<b>SCAN Kit 1:</b> MULTI-APP Control Box; Peripheral - 1 SCAN Movement Detector

## MULTISEARCH: Camera Kits

COMPREHENSIVE VISUAL-ACCESS SYSTEM FOR VOID-SPACE RECONNAISSANCE



After a building collapse, natural or industrial disasters, there is limited time to find and rescue victims. Our team has designed comprehensive, scalable “first look toolkits for USAR (Urban Search and Rescue) to speed up the process to safely rescue victims buried in dangerous or inaccessible areas.

- ☑ **Multiple peripherals connect to a single MULTI-APP control box**
- ☑ **Add new peripherals at any time**
- ☑ **Versatile:** Connect up to 5 interchangeable peripherals.
- ☑ **Configurable:** Build your own kit..
- ☑ **Upgradable:** Add new peripherals at any time.
- ☑ **See and communicate directly** with victims trapped in confined spaces.



Item	Description
D11-01-13	<b>CAM Kit 1:</b> MULTI-APP Control Box; Peripherals - Color Camera
D11-01-14	<b>CAM Kit 2:</b> MULTI-APP Control Box; Peripherals - Color Camera, Thermal Camera, 12' Telescopic Pole
D11-01-15	<b>CAM Kit 3:</b> MULTI-APP Control Box; Peripherals - Color Camera, R90 Camera Reel
D11-01-17	<b>CAM Kit 4:</b> MULTI-APP Control Box; Peripherals - Color Camera, RD90 Waterproof Camera Reel

## MULTISEARCH: Listening Kits

WIRELESS SEISMIC AND ACOUSTIC DETECTION FOR PINPOINT VICTIM LOCATION



Sound is often the first—and only—sign of life beneath a debris field. The MULTISEARCH Search Kit equips rescue teams with ultra-sensitive geostereophone sensors and an active audio probe capable of filtering out machinery noise while amplifying the faintest of taps, scratches, and vocalizations.



Item	Description
D11-04-330	<b>SEARCH 2C Kit:</b> MULTI-APP Control Box; Peripherals - 2 SEARCH Wired Seismic Sensors
D11-04-334	<b>SEARCH 3W+3C Kit:</b> MULTI-APP Control Box; Peripherals - 3 SEARCH Wired Sensors, 3 SEARCH Wireless Sensors
D11-01-18	<b>SEARCH Kit 1:</b> MULTI-APP Control Box; Peripherals - 2 SEARCH Wireless Sensors
D11-01-19	<b>SEARCH Kit 2:</b> MULTI-APP Control Box; Peripherals - 3 SEARCH Wireless Sensors

## Realistic Training Tools: Smoke Machines

DENSE + REALISTIC SMOKE FOR EFFECTIVE TRAINING



**DUSK**

**SMOKE 3**

**SMOKE 5**

Item	Description
710-401	DUSK Smoke Machine - Consumption 1 Liter/hour (110 VAC)
710-404	DUSK Smoke Machine - Consumption 1 Liter/hour (220 VAC)
R20-00-115	SMOKE 3 - Consumption 5.3 Liter/hour (110 VAC)
R20-00-116	SMOKE 5 - Consumption 5.3 Liter/hour (110 VAC)
R20-00-213	SMOKE 5 - Consumption 10.5 Liter/hour (220 VAC)
710-027	ROSCO Smoke Fluid - 1 Liter Bottle
710-031	ROSCO Smoke Fluid - 4 Liter Bottle
710-044	ROSCO Smoke Fluid - 55 Gallon Drum
710-225	LEADER Smoke Fluid - 1 Gallon Bottle
R20-00-107A	LEADER Smoke Fluid - 5 Liter Bottle
R20-00-220	LEADER Smoke Fluid - 55 Gallon Drum

## Realistic Training Tools: Flame Generators

REALISTIC FLAMES FOR REALISTIC AND EFFECTIVE TRAINING



**GF42**

**AEROS2**

**PYROS3**

**Waterless**  
**Surface area: 4.5 ft<sup>2</sup>**  
**Flame height: 4 ft**

**Volume of water: 9 gallons**  
**Surface area: 5.5 ft<sup>2</sup>**  
**Flame height: 5 ft**

**Volume of water: 16 gallons**  
**Surface area: 9 ft<sup>2</sup>**  
**Flame height: 10 ft**

Item	Description
V90-00-038K	GF42 - Compact & Lightweight for small spaces - (creates 4 foot flames)
V90-00-036K	AEROS2 - Mid-sized with powerful flames (creates 5 foot flames)
V90-00-043K	PYROS3 - High, Powerful flames for the most realistic training (creates 10 foot flames)
V90-80-074	Prop Adapter for GF42 and AEROS2
V90-80-077	Prop Adapter for PYROS3
V90-80-058	Quick Release Coupling Kit - Stäubli Coupling Kit
V90-80-062	Prop - Bin Module
V90-80-070	Prop - Chip Pan Fire Module
V90-80-073	Prop - Oil Explosion Module
V90-80-071	Prop - Flat Screen Module
V90-80-075	Prop - Electrical Cabinet Door + Key
V90-80-072	Prop - Aerosol Can Explosion Module
V90-80-079	Spare Aerosol Can for Explosion Module - 12 Cans



# **TEMPEST**

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Tempest products  
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