

FIREFIGHTING BATTERY-POWERED BLOWERS

VS-1.2 BATTERY POWER BLOWER



10,887 CFM

- Unmatched Battery-Driven Power
- Variable speed IP65 motor
- 70-Minute Run-Time
- Constant CFM
- Industry's Highest CFM
- Automatic LED flow-path lighting
- Shore Power is standard on all units.
- 52 lbs.
- Industry's smallest footprint
- Precise, Locking Tilt-Angles



Dimensions (W x D x H)
22.88" X 11" X 26"

Model No.	Part No.	Size	HP	CFM	Description	Weight
VS1.2	910-1825	18"	0.9	10887	VS-1.2 Standard Plus <i>INCLUDES 1 Battery / 1 Charger</i>	53 lbs.
VS1.2	910-1827	18"	0.9	10887	VS-1.2 Deluxe <i>INCLUDES 2 Batteries / 1 Charger</i>	53 lbs.

VS-1.2D DEWALT BATTERY POWER BLOWER



10,887 CFM

- With DEWALT FLEXVOLT, runs with just 1 or up to 3 batteries.
- Variable speed IP65 motor
- 40-Minute Run-Time
- Constant CFM
- Industry's Highest CFM
- Automatic, LED flow-path lighting
- Shore Power is standard on all units.
- 51 lbs.
- Precise, Locking Tilt-Angles

Dimensions (W x D x H)
22.88" X 11" X 26"

Conversion kits are available!

Model No.	Part No.	Size	HP	CFM	Dimensions (W x D x H)	Weight
VS1.2D	910-1860	18"	0.9	10887	22.88" X 11" X 26"	41 lbs.
<i>BASIC - No Batteries, No Charger</i>						
VS1.2D	910-1861	18"	0.9	10887	22.88" X 11" X 26"	51 lbs.
<i>INCLUDES 3 - 12Ah DEWALT Batteries & 1 Single-Bay Charger</i>						
VS1.2D	910-1862	18"	0.9	10887	22.88" X 11" X 26"	51 lbs.
<i>INCLUDES 3 - 12Ah DEWALT Batteries & 1 4-Bay Charger</i>						
VS1.2D	910-1863	18"	0.9	10887	22.88" X 11" X 26"	53 lbs.
<i>INCLUDES 3 - 9Ah DEWALT Batteries & 1 Single-Bay Charger</i>						

BB-16 BLOWER WITH REMOVABLE BATTERY



10,940 CFM

- Powerful, Lightweight, & Self Contained
- Variable speed IP66 motor
- 50-Minute Run-Time
- Constant CFM
- Automatic, LED flow-path lighting
- Shore Power is standard on all units.
- 53 lbs.
- **NEO TECHNOLOGY** increases airflow efficiency by 20%
- Precise, Locking Tilt-Angles — Adjustable tilt from +65° to -90° allows flat positioning to cover a manhole

Dimensions (W x D x H)
22.88" X 11" X 26"

Model No.	Part No.	Size	HP	CFM	Description	Weight
BB-16	910-1815A	16"	0.9	10940	Standard <i>1 Battery, Internal Charger Only</i>	41 lbs.
BB-16	910-1815B	16"	0.9	10940	Standard Plus <i>1 Battery, Internal Charger Only, 1 Quick-Charger</i>	41 lbs.
BB-16	910-1815C	16"	0.9	10940	Deluxe <i>2 Batteries, Internal Charger Only, 1 Quick-Charger</i>	41 lbs.

VS1.2 ACCESSORIES

Part No.	Description	Part No.	Description
610-1801	Shoulder Carrying Strap	585-047	Four Bay DEWALT Quick Charger
585-015	Battery 48V 5AH Battery (70 Minutes)	610-1814	Mount Kit 110V (w/ Charger)
585-030	Charger, Plug In, 110/220 VAC to 48 VDC	610-1810	Mount Kit 12V Inverter (w/ Charger, No Battery Rack)
585-040	DEWALT FLEXVOLT 12AH / 240 WH	725-070 & 725-019	18"x15" or 18"x25" Flex Tube Ducting
585-041	DEWALT FLEXVOLT 9AH / 180 WH	300-141 & 300-142	Door Bar Hanger Bracket Set
585-046	Single Bay DEWALT Quick Charger	725-200	Rehab Misting Ring

BB-16 ACCESSORIES

585-035	External Quick Charger	i63.20.025	Ducting - Suction & Ventilation
585-005	Battery 12.5 AH 585 WH, IP65-Rated	i60.20.105	High Expansion foam adapter
i63.20.030	Carrying Harness (Chest or Back Position)	725-200	Rehab Misting Ring

FIREFIGHTING ELECTRIC-POWERED BLOWERS

SINGLE-SPEED ELECTRIC BLOWERS



8,748 to 12,867 CFM

Our **Single-Speed** positive pressure fans feature some of the lightest designs available and are perfect for departments looking to go electric on a limited budget.

Available with hazardous location (*Explosion Proof, EP*) motors which are intended for Class 1, Group C&D and Class 2 Group F&G environments.

Model No.	Part No.	Size	HP	CFM	Dimensions (W x D x H)	Weight
110V/60Hz						
SS-16-S-1.5	910-1200	16"	1.5	11804	20.5" x 19.75" x 21.75"	74 lbs.
SS-18-S-1.0	910-1220	18"	1.0	8748	22" x 21" x 24.25"	76 lbs.
SS-21-S-1.0	910-1240	21"	1.0	11698	24.75" x 21" x 26.25"	81 lbs.
SS-24-S-1.0	910-1260	24"	1.0	12867	28" x 21" x 30"	90 lbs.
200V/50Hz						
SS-16-S-1.5	910-1218	16"	1.5	---	20.5" x 19.75" x 21.75"	---
SS-18-S-1.0	910-1238	18"	1.0	---	22" x 21" x 24.25"	---
SS-21-S-1.0	910-1258	21"	1.0	---	24.75" x 21" x 26.25"	---
SS-24-S-1.0	910-1278	24"	1.0	---	28" x 21" x 30"	---

VARIABLE-SPEED ELECTRIC BLOWERS



11,551 to 15,663 CFM

Our **Variable Speed** Blower is the latest innovation in our variable speed, electric offering and delivers unmatched performance, bridging the gap between gas and electric airflows.

All models feature a class leading 2.0 HP motor and simple to operate 0 to 100 variable speed control. NEMA-4 rated drive provides extra protection in wet environments.

Model No.	Part No.	Size	HP	CFM	Dimensions (W x D x H)	Weight
110V/60Hz						
VS-16-R-2.0	910-1400	16"	2.0	11551	21" x 19.75" x 23"	98 lbs.
VS-18-R-2.0	910-1420	18"	2.0	12839	23" x 21" x 24.9"	104 lbs.
VS-21-R-2.0	910-1440	21"	2.0	14836	26" x 21" x 26.25"	108 lbs.
VS-24-R-2.0	910-1460	24"	2.0	15663	29.5" x 21" x 30"	119 lbs.
200V/50Hz						
VS-16-R-2.9	921-1418	16"	2.9	---	20.5" x 19.75" x 21.75"	81 lbs.
VS-18-R-2.9	921-1438	18"	2.9	---	22" x 21" x 24.25"	86 lbs.

LEADER®: B215-LI BATTERY FAN



10,235 CFM

The swappable battery operated fan from Leader is powerful and lightweight for self-contained operation. Powered by an 82V / 5 AMP Briggs & Stratton battery. The B215Li uses proprietary **NEO TECHNOLOGY** in its grill design. This design creates an oval air pattern that maintains an effective door opening seal and provides the maximum air flow into a structure

Dimensions (W x D x H)
19.1" x 21.6" x 20.7"

Model No.	Part No.	Size	HP	CFM	Description	Weight
B-125-Li	i63.12.201	16"	1.1	10235	Standard	49 lbs.
	585-060				Battery Pack	4.4 lbs.
	585-061				External Quick Charger	

LEADER®: EDS230 & EVG230 NEO VARIABLE & SINGLE SPEED ELECTRIC FANS



11,625 to 12,830 CFM

The EVG230 NEO 18" is our latest electric fan for advanced technology in PPV Fire Fighting operation with GFCI compatibility.

The EDS230 & EVG230 use proprietary **NEO TECHNOLOGY** in its grill design. This design creates an oval air pattern that maintains an effective door opening seal and provides the maximum air flow into a structure

Model No.	Part No.	Size	HP	CFM	Dimensions (W x D x H)	Weight
EDS230	i63.10.032N	18"	1.5	11625	21.6" X 22" X 19.3"	44 lbs.
EDS230-2	i63.10.033N	18"	2.0	12830	21.6" X 22" X 19.3"	86 lbs.
EVG230	i63.10.042N	18"	1.5	11625	21.6" X 22" X 19.3"	78 lbs.

FIREFIGHTING GAS-POWERED BLOWERS

DIRECT DRIVE GAS BLOWERS



11,541 to 20,523 CFM

Our **Direct-Drive** offers the ideal combination of value, performance and durability. All models feature an overhead valve engine that delivers incredible reliability.

Our 18" & 21" Direct-Drive Power Blowers are the most popular positive pressure ventilation (PPV) units in the world.

Model No.	Part No.	Size	HP	CFM	Dimensions (W x D x H)	Weight
DD-16-H-4.8	910-1100	16"	4.8	12008	20.5" x 19.75" x 21.75"	79 lbs.
DD-18-H-4.8	910-1120	18"	4.8	14773	22.75" x 21" x 24.25"	85 lbs.
DD-21-H-5.5	910-1140	21"	5.5	20523	25" x 21" x 26.25"	90 lbs.
DD-24-H-5.5	910-1160	24"	5.5	19606	28" x 21" x 30"	99 lbs.
DD-16-B-3.5	910-1101	16"	3.5	11541	20.5" x 19.75" x 21.75"	73 lbs.
DD-18-B-5.5	910-1121	18"	5.5	14341	23.5" x 21" x 25"	83 lbs.
DD-21-B-5.5	910-1141	21"	5.5	18025	25.5" x 21" x 26.25"	87 lbs.
DD-24-B-5.5	910-1161	24"	5.5	19232	28" x 21" x 30"	97 lbs.

LEADER™: MT 215L, 240 & 236 NEO: GASOLINE DRIVEN FANS

11,625 to 12,830 CFM

Outstanding R&D and design have greatly increased air movement efficiency with NEO technology. The MT215L, MT240 & MT236 use proprietary **NEO**

TECHNOLOGY in its grill design.

This design creates an oval air pattern that maintains an effective door opening seal and provides the maximum air flow into a structure



Model No.	Part No.	Size	HP	CFM	Dimensions (W x D x H)	Weight
MT215L NEO	160.10.062N	18"	2.1	13690	20.9" X 20.5" X 21.9"	44 lbs.
MT236 NEO	160.10.053N	18"	4.8	19810	21.6" X 22" X 19.3"	93 lbs.
MT240 NEO	160.10.060N	18"	5.5	21355	21.6" X 22" X 19.3"	95 lbs.

SPECIAL OPERATIONS GAS BLOWERS



15,792 to 19,936 CFM

Our **Special Operations Power Blower** is designed to tackle unique fire ground ventilation scenarios, the SP's specialized air pattern is highly effective when ventilating stairwells, complex, multistory and large structures (>5000ft²).

Model No.	Part No.	Size	HP	CFM	Dimensions (W x D x H)	Weight
SP-18-H-5.5	910-1620	18"	5.5	15792	20.5" x 21.5" x 22.5"	88 lbs.
SP-21-H-8.5	910-1640	21"	8.5	19936	24.25" x 24" x 25.5"	122 lbs.
SP-18-V-2.0 (110V)	910-1720	18"	2.0	13338	21.75" x 21.5" x 25.75"	105 lbs.
SP-21-V-2.0 (220V)	910-1739	18"	2.0	13338	21.75" x 21.5" x 25.75"	105 lbs.

SMOKE EJECTORS GAS-POWERED SMOKE EJECTORS



11,650 to 14,200 CFM

Our Gas-Powered Smoke Ejectors are perfect for ventilating in confined spaces. Lightweight and compact for convenient lifting/carrying and storage/transport.

Model No.	Part No.	Size	HP	CFM	Dimensions (W x D x H)	Weight
GBS-16-S-3.5	911-1014	16"	3.5	11650	21" x 17" x 21"	60 lbs.
GBS-16-S-4.8	911-1020	16"	4.8	12616	21" x 17" x 21"	72 lbs.
GBS-18-S-5.5	911-1022	18"	5.8	14200	22" x 18" x 22"	76 lbs.
GBS-18-S-5.5	911-1023	18"	5.8	14200	22" x 18" x 22"	76 lbs.

* NOT FOR SALE IN USA

ELECTRIC POWERED SMOKE EJECTORS



up to 11,804 CFM

Smoke Ejectors are still the go to for many departments around the world for their compact size and weight, simplicity and affordability. Perfect for ventilating in confined spaces.

Model No.	Part No.	Size	HP	CFM	Dimensions (W x D x H)	Weight
EB-16-S-0.3	913-1000	16"	0.3	3200	18.75" x 14.25" x 19.5"	47 lbs.
EB-16-S-0.3-EP	913-1001	16"	0.3	3200	18.75" x 14.25" x 19.5"	52 lbs.
EB-16-S-1.5-HP	913-1010	16"	1.5	11804	18.75" x 14.25" x 19.5"	59 lbs.

Clip on Duct Hose Adapter
PART 725-177



*Flex Tube Ducting Available
15' PART 725-029
25' PART 725-016



THE MVU®-60



The powerhouse of our ventilation line, the **TEMPEST MVU® 60** is the largest unit we manufacture. The combined massive 60" (1.5 meters) seven (7) blade aluminum impeller, and steel shroud are capable of generating air movement unlike any other ventilation unit. At a calculated 400,000 Open Air Flow CFM (679,000 m³/hr), the MVU®60 will ventilate nearly anything caught downwind from it.

This Axial Ventilator provides higher air flow as there are no obstructions to the inlet. The patented MVU® operates through the use of a highly efficient and effective hydraulic system. This system makes our MVU® ideal for long operating times and frequent use. Powered by the legendary turbo-charged Cummins® diesel engine mounted separately from the actual fan, hydraulic pressures are generated to operate the unit's Tilt-Turn system (*optional*

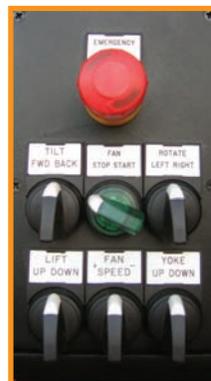
feature), Scissor Lift (*optional feature*), and impeller rotation.

Due to the fan's significant size and power, the MVU® generates the highest CFM possible in a mobile ventilation unit. Tempest Hydraulic Mobile Ventilation Units (MVU®) are designed for heavy industrial use where ventilation is needed for long periods of time over multiple days, 24-7. The MVU® is a full-function Hydraulic system, operating the ventilator, ventilator tilt and scissors lift. Allowing for sustained operation and minimum maintenance. Includes a self-contained diesel engine powering the hydraulics, or the unit can be Power Take-Off (PTO) driven. Tempest hydraulic MVU®s do not require any special rigging for transportation or storage and are immediately ready for use when needed.



FIXED PANEL CONTROLS

- Engine/Fan RPM
- Gauges for Temperature/Oil Pressure
- Hydraulic Control Pressure
- Panel Light
- Engine Hour Meter
- Emergency Shut-Down Switch



WIRED OR WIRELESS (OPTIONAL) REMOTE CONTROLS

- Fan Action (Start/Stop)
- Fan Tilt (Up/Down)
- Fan Rotation (Left/Right)
- Scissor Lift (Up/Down)
- Emergency Stop Switch

MOBILE VENTILATION UNITS



400,000 CFM

GENERAL SPECIFICATIONS

- Total Height: 107" (2.7 m)
- Total Width: 95" (2.4 m)
- Total Length: 197" (5 m)
- Total Weight: 13,200 lbs (6,000 kg)

BLOWER (FAN) OUTPUT

Volume of Air:

- 150,000 Nominal Air Flow CFM (255,000 m³/hr)
- 400,000 Open Air Flow CFM (679,600 m³/hr)

Velocity of Air Stream:

- 78 - 100 MPH (35 - 45 m/s)

Impeller RPM (Max.): 1,160

BLOWER (FAN) ASSEMBLY

- Shroud Diameter: 60" (1.5 m)
- Shroud Material: Steel
- Impeller: 7-Blades, Aluminum
- Drive: Hydraulic

ENGINE

- Cummins Diesel or Caterpillar
- 133 HP (99 kW)
- 55 Gallon (208 Liter) Fuel Tank 8 Hour Operating Time



Model No.	Part No.	Description
MVU-60	950-2002	Mobile Ventilation Unit with Hydraulic System, Tilt Device, with Wired Remote, with Engine
MVU-60	950-2014	Mobile Ventilation Unit with Hydraulic System, Tilt Device, with Wired Remote, without Engine - PTO Driven
MVU-60	950-2003	Hydraulic Lowering System
MVU-60	950-2004	Electric Rotation System (360°) Device
MVU-60	950-2005	Scissor Lift 9' 10" (3m)
MVU-60	950-2007	Water Misting System
MVU-60	950-2029	MVU®-60 Trailer - 20 Foot - with "Pintle" Hitch
MVU-60	950-7180	Flex Tube Ducting for Suction/Pressure - 60" x 10' Long, 4" Pitch, Yellow
MVU-60	950-7181	MVU®-60 Flex Tube Ducting Adapter

OPTIONAL FEATURES

The MVU®-60 proudly offers a number of options in addition to its standard features that are designed to help you overcome any unique challenges you may face in your specific application. From ventilator lift, to rotation, to a high volume water misting system, these options give you the power to pick and choose exactly what you need to ensure you're properly equipped to ventilate effectively and efficiently.

THE MVU[®]-48



380,000 CFM

MOBILE VENTILATION UNITS

The **TEMPEST MVU®-48** is a slightly scaled down version of the MVU®-60, about 4,000 lbs (1,814 kg) lighter. As the name implies, it showcases a still massive 48" (1.2 meters) seven (7) blades aluminum impeller and steel shroud. With its calculated 380,000 open air flow CFM (645,000 m³/hr), the '48 is able to complete any ventilation job in a few minutes saving precious time, money, resources and lives. Although it's smaller than the MVU®-60, it sacrifices almost none of the performance to achieve its reduced weight and more compact size.



Like the MVU®-60, all of the 48's mechanical actions, including the fan's blade rotation, are powered by a reliable hydraulic system. The hydraulic pressures are generated by its turbo charged engine, mounted under the MVU®'s silencer hood. Every MVU®-48 is custom built by our team of engineers and fabricators.



GENERAL SPECIFICATIONS

- Total Height: 95" (2.4 m)
- Total Width: 75" (1.9 m)
- Total Length: 177" (4.2 m)
- Total Weight: 8,800 lbs (4,000 kg)

BLOWER (FAN) OUTPUT

Volume of Air:

- 130,000 Nominal Air Flow CFM (220,000 m³/hr)
- 380,000 Open Air Flow CFM (645,000 m³/hr)

Velocity of Air Stream:

- 78 - 94 MPH (31 - 42 m/s)

Impeller RPM (Max.): 1,450

BLOWER (FAN) ASSEMBLY

- Shroud Diameter: 48" (1.2 m)
- Shroud Material: Steel
- Impeller: 7-Blades, Aluminum
- Drive: Hydraulic

ENGINE

- Cummins Diesel or Caterpillar
- 133 HP (99 kW)
- 55 Gallon (208 Liter) Fuel Tank 8 Hour Operating Time



FIXED PANEL CONTROLS

- Engine/Fan RPM
- Gauges for Temperature/Oil Pressure
- Hydraulic Control Pressure
- Panel Light
- Engine Hour Meter
- Emergency Shut-Down Switch



WIRED OR WIRELESS (OPTIONAL) REMOTE CONTROLS

- Fan Action (Start/Stop)
- Fan Tilt (Up/Down)
- Fan Rotation (Left/Right)
- Scissor Lift (Up/Down)
- Emergency Stop Switch

Model No.	Part No.	Description
MVU-48	950-2001	Mobile Ventilation Unit with Hydraulic System, Tilt Device, with Wired Remote, with Engine
MVU-48	950-2013	Mobile Ventilation Unit with Hydraulic System, Tilt Device, with Wired Remote, without Engine - PTO Driven
MVU-48	950-2003	Hydraulic Lowering System
MVU-48	950-2004	Electric Rotation System (360°) Device
MVU-48	950-2005	Scissor Lift 9' 10" (3m)
MVU-48	950-2007	Water Misting System
MVU-48	950-2029	MVU®-48 Trailer - 20 Foot - with "Pintle" Hitch
MVU-48	950-7190	Flex Tube Ducting for Suction/Pressure - 48" x 10' Long, 4" Pitch, Yellow
MVU-48	950-7191	MVU®-48 Flex Tube Ducting Adapter

OPTIONAL FEATURES

The MVU®-48 proudly offers a number of options in addition to its standard features that are designed to help you overcome any unique challenges you may face in your specific application. From ventilator lift to rotation, to a high volume water misting system, these options give you the power to pick and choose exactly what you need to ensure you're properly equipped to ventilate effectively and efficiently.

LEADER® EASY 4000



LEADER® EASY 4000

235,430 CFM

MOBILE LARGE-VOLUME VENTILATION SYSTEM

The **LEADER Easy 4000** is a very effective solution for smoke removal and air cooling and renewal in large spaces (parking lots, large building, apartment blocks, factories, storage facilities, exhibition venues, etc.)

Very powerful open airflow: 235,430 CFM

Very stable and extremely light for easy deployment.

Unrivalled combination of performance and maneuverability,

Large 47.2 inch diameter shroud with -10° to +20° tilt controlled from the control panel.

With water or water+additive(s) misting system:

- 65 GPM @ 100 PSI
- Range up to 197 ft.



POSSIBLE CONFIGURATIONS:

Trailer Mounted

- One person can easily position the trailer
- Total maximum weight less than 1600 lbs:
Can be pulled by a light vehicle.

Skid Mounted

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

LARGE-FLOW VENTILATORS

CHARACTERISTICS:

MODEL	Skid EASY 4000		
Lift System	Without	23.6 inch	47.2 inch
References	160.30.110	160.30.111	160.30.112
OPEN AIR FLOW	234,430 CFM		
Nominal Air Flow	108,890 CFM		
Propeller Diameter	47.2 inch		
Height - inch	63.7	70.4 to 94.1	75.7 to 122.9
Width - inch	58	58	58
Length - inch	71.2	71.2	71.2
Weight - lbs dry	820.1	1,042.8	1,142
Weight - lbs in running mode	892.9	1,115.5	1,214.7
Mounting	Steel chassis painted in black epoxy (all delivered on pallet)		

Engine control panel	<p>Mounted on support (steel painted in red epoxy) Protective cover supplied / Ingress protection: IP55</p> <ul style="list-style-type: none"> • engine start and stop • tilt of shroud from -10° to +20° • airflow by adjusting the fan speed • raising and lowering the lifting table depending on selected option • emergency simultaneous engine stop, tilt and/or table rise
Misting system	For water or water+additive(s) – 65 GPM @ 100 PSI – Inlet supply 1.5 inch NST
Engine	BMW Flat Twin - 1170 cm3 with electronic control Electric start – Fuel consumption: 25 L/hour at full speed - Cooling: Air/Oil
Engine Power	115 HP – 2 cylinders – 4-stroke
Tank	11 Gallon
Fuel	unleaded gasoline 95
Runtime	1h40 min
Oil	Engine oil: 1 gal – API SL / Hydraulic oil for raising table option: 0.2 gal – ISO32
Battery	Rapid charge 12V / 15 Ah battery to power the electrical equipment
Noise level	96 dB at 23 ft
Use	PPV
Application	Ventilating underground parking lots, industrial sites, warehouses, tunnels, high rise buildings, etc.

OPTIONAL ACCESSORIES:

U.S. Trailer for Easy 2000/4000 (No Rotation)	No Rotation 84" X 120"	A6D.30.134
U.S. Trailer for Easy 2000/4000 (with Rotation)	With Rotation 84" X 120"	A6D.30.133
Wired remote control	<p>Control from up to 42.6 ft away:</p> <ul style="list-style-type: none"> • the tilt of the shroud from -10° to +20° • airflow by adjusting the fan speed • raising and lowering the lifting table depending on selected option • engine stop 	160.30.118
Manual 360° rotation system	For Skid version only. Add +6.9 inch height and +154.3 lbs	160.30.010
Exhaust extension	L 8.2 ft / Ø 3.1 inch	160.30.003
Adapter for exhaust extension	For connecting the exhaust extension	160.30.017
Blowing duct	For channeling the air stream of the EASY 4000 in a straight line L 39.4 ft – Ø 5.6 ft – Outlet cross section 3.6 ft – 88.2 lbs	160.30.016
Extraction duct	Up to 6 ducts can be interconnected on both side of the engine. 1 duct = Ø 22.6 inch / L 19.7 ft / 41.9 lbs	160.30.019

LEADER® EASY 2000



LEADER® EASY 2000

129,400 CFM

MOBILE LARGE-VOLUME VENTILATION SYSTEM

The **LEADER Easy 2000** is the most powerful large-flow ventilator in its category for smoke removal and cooling in large volumes (covered / closed parking lots, warehouses production line, exhibition halls, etc..)

Very powerful open airflow: 129,400 CFM

Extremely light weight for ease of deployment.

- Less than 397 lbs for the skid version
- Less than 716 lbs for the trailer version

A motor control panel and a wired remote control for tilt, elevation and lighting according to selected options.

Two possible elevation platforms (23.6 inch or 47.2 inch) on lifting table controlled by wired remote control

Electric tilt of shroud from -10° to +20° controlled by wired remote control.

POSSIBLE CONFIGURATIONS:

Trailer Mounted

- movable and usable with forklift truck
- mounted on trolley or similar
- can be mounted on bed of vehicle, e.g. pickup truck

Skid Mounted

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



LARGE-FLOW VENTILATORS

CHARACTERISTICS:

MODEL	Skid EASY 2000		
Lift System	Without	23.6 inch	47.2 inch
References	160.30.121	160.30.125	160.30.126
OPEN AIR FLOW	129,400 CFM		
Propeller Diameter	34.8 inch		
Height - inch	49.2	59.5	64.8
Width - inch	41.7	41.7	41.7
Length - inch	47.4	50.5	50.5
Weight - lbs dry	348.3	659.4	758.4
Weight - lbs in running mode	392.4	703.4	802.5
Mounting	Skid on red epoxy-painted steel chassis adaptable to bed of trailer, pick-up, truck, etc. (all delivered on pallet)		
Engine control panel	<p>Mounted on the engine. Allows the operator to control:</p> <ul style="list-style-type: none"> • the starter • electrical start/stop • fan flow rate via the accelerator • rpm and hour-run time via the hour meter • oil level (warning light) 		
Wired remote control	<p>Control, from as far as 33 ft away:</p> <ul style="list-style-type: none"> • the tilt of the shroud from -10° to +20° • the rise and fall of the lifting table depending on the selected option • engine stop • turn LED spotlight on/off 		
Misting system	For water or water+additive(s) – 65 GPM @ 100 PSI		
Engine	HONDA GX630		
Engine Power	20.8 HP		
Tank	4.8 Gallon		
Fuel	unleaded gasoline 95		
Runtime	3h05 min		
Oil	Engine oil: 5W-30 synthetic API SJ or later (CASTROL MAGNATEC) Hydraulic oil for lifting option: CASTROL SAF XJ 75-140		
Battery	12V / 44 Ah battery to power the electrical equipment		
Noise level	93.9 dB at 23 ft		
Use	PPV		
Application	Ventilating underground parking lots, industrial sites, warehouses, tunnels, etc.		

OPTIONAL ACCESSORIES:

U.S. Trailer for Easy 2000/4000 (No Rotation)	No Rotation 84" X 120"	A6D.30.134
U.S. Trailer for Easy 2000/4000 (with Rotation)	With Rotation 84" X 120"	A6D.30.133
Manual 360° rotation system	For Skid version only. Add +10.4 inch height and +154.3 lbs	160.30.129
Exhaust extension	L 8.2 ft / Ø 2 inch Tip: use 3 exhaust extensions end to end for more efficiency	160.20.012
Adapter for exhaust extension	For connecting the exhaust extension	160.30.128
Trolley	Aluminum trolley with handle and brake system for easy movement of the Skid EASY 2000 (without lift system)	160.30.119
Blowing duct	16.4 ft / Ø 35.4 inch	160.30.122
Suction duct	up to 6 ducts can be interconnected on one side of the engine. 1 duct Ø 22.6 inch / L = 19,7 ft / 41,9 lbs	160.30.019

VENTMASTER® FIRE RESCUE SAWS

FIRE RESCUE CHAINSAWS



AVAILABLE:
Patented Depth Gauge
Optional 16" or 20" Bars
All-Cut Rescue Diamond Blade
Ventmaster® Diamond Blade
Concrete Diamond Blade
Ductile Iron Diamond Blade

BATTERY-POWERED SAWS



**NEW
PRODUCT!**

Our 565-HD and 572-HD fire rescue chainsaws deliver the absolute best in cutting performance, built specifically for the fire service. Using professional level Husqvarna® power heads and **TEMPEST** exclusive after-market parts, no other saw compares.

Model No.	Part No.	Description	Bar	HP	Pitch
572HD-16-DG.404	TV400-081	Chain, Depth Gauge	16"		
572HD-16.404	TV400-084	Chain, No Depth Gauge	16"		
572HD-20-DG.404	TV400-080	Chain, Depth Gauge	20"	5.8	0.404
572HD-20.404	TV400-083	Chain, No Depth Gauge	20"		
572HD-16-DG.404	TV400-086	No Chain, Depth Gauge	16"		
572HD-16.404	TV400-088	Chain, No Depth Gauge	16"	5.8	0.404
572HD-20-DG.404	TV400-085	Chain, Depth Gauge	20"		
572HD-20.404	TV400-087	Chain, No Depth Gauge	20"		
565HD-16-DG.404	TV400-031	Chain, Depth Gauge	16"		
565HD-16.404	TV400-033	Chain, No Depth Gauge	16"	5	0.404
565HD-20-DG.404	TV400-030	Chain, Depth Gauge	20"		
565HD-20.404	TV400-032	Chain, No Depth Gauge	20"		

Part No.	Description
TV402-101A	K1-DG-14 Full Option Ventmaster® Cut-Off Saw Kit
TV402-101	K1 Pace Kit - Includes 2 B380x Battery-C900x, Charger-14 Inch Tacti Cut S35s Blade
TV402-100	K1-DG-14 Full Option Ventmaster Cut-Off Saw, No Blade Included
TV402-150	K1-DG-14 Full Option Without Depth Gauge, Ventmaster Cut-Off Saw, No Blade Included

Part No.	Description	Part No.	Description
TV497-003	B380x Battery	TV497-022	C900x Battery Charger
TV497-004	B750x Battery	TV497-023	C1800x Battery Charger



535i XP Battery Chainsaw

K535i Battery Cutoff Saw

K970i Battery Concrete Chainsaw

Model No.	Part No.	Diameter/Bar Size
Chain Saw Kit - Husqvarna 535iXP	TV402-025	14"
Chain Saw Kit - Husqvarna 540iXP	TV402-027	16"
Cut Off Saw Kit - Husqvarna 535iXP	TV402-075	9"

PATHMASTER® SMOKE CURTAIN

Pathmaster® from **TEMPEST** puts fire movement/growth control in a fire department's hands. Pathmaster® creates a temporary blockade, almost entirely eliminating smoke spread and movement between rooms.

PATHmaster® Keeps escape routes such as stairwells free from blinding and suffocating smoke. Significantly helps to prevent unnecessary smoke risk/damage, saving property. Allows a firefighter to easily open and close flow paths.

SMOKE CURTAIN

Fire resistant
to 1100° F
(600° C)



Model No.	Part No.	Description
Pathmaster®	715-001	Smoke Curtain Regular - 28" - 46" Width
Pathmaster®	715-002	Smoke Curtain XL - 36" - 59" Width

FIRE RESCUE CUTOFF SAWS



Ventmaster® Fire Rescue Cutoff Saws provide a number of features you will only find with **TEMPEST** including a patented depth gauge and roller assembly. Built on professional grade Husqvarna® power heads, these saws deliver only the best in cutting performance.

Model No.	Part No.	Description	Dia.	HP
375K-DG (K770)	TV406-506A	with Depth Gauge	14"	5.0
375K (K770)	TV406-606A	No Depth Gauge		
397K-DG (K970)	TV406-507A	with Depth Gauge	14"	6.5
397K (K970)	TV406-607A	No Depth Gauge		
3120K-DG (K1270)	TV406-508A	with Depth Gauge	14"	7.8
3120K (K1270)	TV406-608A	No Depth Gauge		

TRAINING EQUIPMENT

SMOKE MACHINES

Our smoke generators can produce dense and realistic smoke, creating ideal circumstances for training in safe conditions. They respond perfectly to different firefighting training requirements by filling small and large rooms in a few seconds.

Model No.	Part No.	Capacity
Dusk (110V)	710-401	1 liter/hr.
Dusk (220V)	710-404	1 liter/hr.
Smoke 3 (110V)	710-430	5.3 liter/hr.
Smoke 3 (220V)	710-435	5.3 liter/hr.
Smoke 5 (110V)	710-431	10.5 liter/hr.
Smoke 5 (220V)	710-436	10.5 liter/hr.



AVAILABLE OPTIONS:
Smoke Fluid available in Liter containers and drums

FIRE TRAINERS/FLAME GENERATORS

Specially designed for fire safety trainers, the **LEADER** range of fire training equipment enables you to organize realistic and dynamic exercises corresponding to different emergency situations when a fire breaks out. These stainless-steel Flame Generators run on propane gas. With or without water, they produce powerful, hot flames with controllable height from 0.5 ft to 10 ft. depending on the model.



GF42

AEROS 2

PYROS 3

COMPACT & LIGHTWEIGHT

- Easy to transport
- Quick to set up
- Simple to use

COMPACT FOR POWERFUL FLAMES

- Easy to transport
- Impressive oil-slick fire effect

HIGH, POWERFUL FLAMES FOR REALISTIC TRAINING

- Large surface area
- Powerful flames with Intense heat radiation
- 2 Remote controls supplied

AVAILABLE OPTIONS:
Screens, Bins, Oil Explosion modules, Aerosol Can modules and other realistic options available



Without water
Surface area of fire: 4.5 ft²
Flame height: up to 4 ft.

Volume of water: 9 gal
Surface area of fire: 5.5 ft²
Flame height: up to 5 ft.

Volume of water: 16 gal
Surface area of fire: 9ft²
Flame height: up to 10ft.

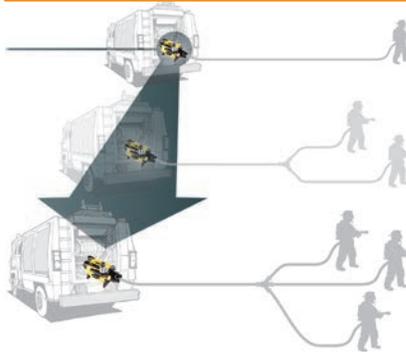
Model No.	Part No.	Description
GF42	V90.00.038K	GF42 Environmentally-Friendly Flame Generator

Model No.	Part No.	Description
AEROS	V90.00.036K	Aeros2 Environmentally-Friendly Flame Generator

Model No.	Part No.	Description
PYROS3	V90.00.041K	Pyros3 Environmentally-Friendly Flame Generator

FIREFIGHTING FOAM PROPORTIONING SYSTEMS

LEADER MIX: AUTONOMOUS & AUTOMATIC FOAM PROPORTIONER



ONE INDUCTOR FOR ALL FLOWS/ CLASS A & B FOAM

AUTOMATIC, AUTONOMOUS & RELIABLE INDUCTOR:

- Require no power supply / no electronics
- Reduced maintenance

LARGE RANGE OF USE

- Replaces 4 conventional inductors (60, 95, 125, 250)
- Wide range of flow rates from 50-500 gpm (190-1892 lpm)
- Wide operating pressure range from 75 - 230 PSI (5 - 16 Bar)

ACCURATE METERING & REDUCED CONSUMPTION

- Accurate metering of foam concentrates from 0.3% to 6%
- Adapts automatically to selected flow rate at the nozzle

CREATE SUCTION EACH TIME FOAM IS REQUIRED

- Even works at 75 PSI (4 Bar)

2 VERSIONS AVAILABLE:

- Vehicle Mounted
- Portable



Model No.	Part No.	
Leader Mix AR - Portable	140.90.118	50 to 275 GPM from 0.3% to 3% (50 to 135 GPM at 6%) - Inlet and Outlet 2.5" NH F/M
Leader Mix AR - Vehicle Mounted Automatic Dosing System with Control Panel	140.90.119	50 to 275 GPM from 0.3% to 3% (50 to 135 GPM at 6%) - Inlet and Outlet 2.5" NH F/M
Leader Mix Class A - Vehicle Mounted Automatic Dosing System with Control Panel	140.90.121	50 to 275 GPM from 0.3% to 1% - Inlet and Outlet 2.5" NH F/M
Leader Mix AR - Portable Automatic Dosing System with Control Panel	140.90.218	80 - 500 GPM from 0.3% to 3% (80 - 250 GPM at 6%) - Inlet and Outlet 4" NPT F/F
Leader Mix AR - Vehicle Mounted Automatic Dosing System with Control Panel	140.90.208	80 - 500 GPM from 0.3% to 3% (80 - 250 GPM at 6%) - Inlet and Outlet 4" NPT F/F

ROBWEN PUMP 125 & 180

CENTRIFUGAL PUMP DESIGNED FOR SMALL FIREFIGHTING TRUCKS, SKIDS...

2 VERSIONS AVAILABLE :

- **Model 125:** 70 gpm (265 lpm) at 100 PSI (7 Bar)
- **Model 180 :** 120 gpm (455 lpm) at 100 PSI (7 Bar)

3 CONFIGURATIONS:

- Complete: Pump + guard + belt + engine (18HP or 13HP)
- Pump + guard and belt
- Pump alone

UPRIM: PORTABLE FOAM UNIT

A COMPACT AND CONSTANTLY READY-TO USE FOAM FIRE-FIGHTING MEANS

MODELS:

- Interchangeable Low Expansion and Medium Expansion nozzles via quick connection

FLOW RATE : 15 gpm (56 lpm)

CONCENTRATION: 1%, 3% and 6%

CAPACITY: 2.6 gallon / 10 Liter



ROBWEN FLOWMIX: BLADDER TANK INDUCTOR FOR VARIABLE FLOWS

FOR THE STORAGE AND INJECTION OF CLASS A FOAMS.

MAIN CHARACTERISTICS:

- Flow range: 5 - 500 gpm (20 - 1895 lpm)
- Dosing: 0.1 to 3%
- Service pressure: 20 - 435 PSI (1.5 - 30 Bar)
- Foam tank: 5 - 10 Gal (20 - 40 ltr)

NO ELECTRONICS

EASY MAINTENANCE

Essential tool in use with additives of class a fires where the concentration usage is very low (0.1 To 0.6%)

- Operations in urban and industrial fires: Wood, Paper, Carton, Plastic, Rubber, Tissues, Textiles,
- Vegetation, Brush ...
- Forest fire responses

Model No.	Part No.		Model No.	Part No.	
Flowmix	ROB-500P-BSP	500P-BSP Portable Foam System	Flowmix	ROB-500B-VICNPT	500B-VICNPT Built In Foam System
	ROB-500P-NST-A	500P-NST-A Portable Foam System		ROB-500B-VIC-A	500B-VIC-A Built In Foam System
	ROB-500B-BSP-A	500B-BSP-A Built In Foam System		ROB-500P-LFNST	500P-LFNST Portable Foam System
	ROB-500B-LFNPT	500B-LFNPT Built In Foam System		ROB-750P-BSP-A	750P-BSP-A Portable Foam System
	ROB-500B-LFNST	500B-LFNST Built In Foam System		ROB-1000P-BSP	1000P-BSP Portable Foam System
	ROB-500B-NPT	500B-NPT Built In Foam System		ROB-1000B-BSP	1000B-BSP Built In Foam System



FIREFIGHTING NOZZLES

SMOOTH BORE NOZZLE

MAIN CHARACTERISTICS:

- Tips available: 3/4", 15/16", and more.
- NPSH F Threads Available



Model No.	Part No.	Description
Smooth Bore	SBA-60-R	Smooth Bore Aluminum Tip - 3/4" - 1.5" NH F
	SBA-61-RI	Smooth Bore Aluminum Tip - 15/16" - 1.5" NH F
	SBA-61-SI	Smooth Bore Aluminum Tip - 7/8" - 1.5" NH F
	SBA-62-RI	Smooth Bore Aluminum Tip - 1.0" - 1.5" NH F
Smooth Bore	LSBA-0502-R6R	Ball Valve for Smooth Bore - Aluminum - Inlet 1.5" NH F - Outlet 1.5" NH M
	LSBA-0502-S6R	Ball Valve for Smooth Bore - Aluminum - Inlet 2.5" NH F - Outlet 1.5" NH M
Smooth Bore	LSBA-0520-RIR	Smooth Bore Nozzle - Large Body - With 15/16" Tip - Inlet 1.5" NH F
	LSBA-0520-SIR	Smooth Bore Nozzle - Large Body - With 15/16" Tip - Inlet 2.5" NH F



ONEFLOW NOZZLE

MAIN CHARACTERISTICS:

- With or without turbine

Model No.	Part No.	Description
One Flow	ROFA-0529-RIR	One Flow 150GPM 1.5" NH without turbine
One Flow	ROFA-0729-RIR	One Flow 150GPM 1.5" NH with turbine

2 SERIES : ALUMINUM OR **FiberTech**® COMPOSITE

CHOOSE FROM OUR RANGE TO CREATE CONFIGURATIONS APPROPRIATE TO YOUR FIRE MISSIONS

MULTIFLOW NOZZLE

SELECTABLE FOAM NOZZLE

100PSI (6 BAR)

Slide valve nozzles with Slide valve nozzles with large ring for selecting flow rate and flush



Flow Rate GPM / (LPM)	Size	Nozzle Body	Pressure	Weight	Inlet
5-40 / (20-150)	Compact	Aluminum	100 PSI (7 Bar)	3.85 lbs.	1" NH F
	Compact	Aluminum		3.85 lbs.	1.5" NH F
30-125 / (115-475)	Regular	Aluminum	100 PSI (7 Bar)	4.8 lbs.	1.5" NPSH F
		FiberTech ®			1.5" NPSH F
		Aluminum			1.5" NH F
30-150 / (570)	Large	FiberTech ®	100 PSI (7 Bar)	4.8 lbs.	1.5" NH F
		Aluminum			1.5" NH F
		Aluminum			1.5" NH F
		Aluminum			1.5" NPSH F
95-200 / (360-760)	Large	Aluminum	100 PSI (7 Bar)	7.3 lbs.	1.5" NPSH F
95-200 / (360-760)				7.4 lbs.	2.5" CSA
125-250 / (475-950)				7.4 lbs.	2.5" NH F

FLOWMATIC NOZZLE

AUTOMATIC FOAM NOZZLES

100PSI (6 BAR)

Slide valve nozzles with pressure regulating system.

- optimum jet pattern at all times
- optimized reach



Flow Rate GPM / (LPM)	Size	Nozzle Body	Pressure	Weight	Inlet
0-125 / (0-475)	Compact	Aluminum	100 PSI (7 Bar)	3.85 lbs.	1.5" NPSH F
		Aluminum	100 PSI (7 Bar)		1.5" NH F
	Regular	FiberTech ®	75 PSI (5 Bar)	4.8 lbs.	1.5" NPSH F
		Aluminum	75 PSI (5 Bar)		1.5" NH F
0-150 / (0-570)	Regular	Aluminum	100 PSI (7 Bar)	4.4 lbs.	1.5" NPSH F
		Aluminum			1.5" NH F
		FiberTech ®			1.5" NH F



TWIN ACTION NOZZLE

MULTIFUNCTIONAL FOAM NOZZLE

- Body made of **FiberTech**® composite material for anti-corrosion
- Sliding ring for selecting water / foam position
- Expansion by approximately x10 when supplied with pre-mix (outlet ring).
- Change from straight Jet to diffused jet by head rotation.
- Ball valve
- Swivel Inlet
- Flow Rate: Up to 60 gpm (227 lpm) @ 100 PSI (7 Bar)
- Weight 3.3 lbs.
- NPSH Threads Available



EXPANDER NOZZLE

LOW EXPANSION FOAM NOZZLE

- Nozzle made of **FiberTech**® composite
- Corrosion-proof with hard anodized aluminum polyester lined cylinder
- Ball valve
- Swivel Inlet
- Expansion x10
- Flow Rates: 60 or 95 (225 or 360)
- Lengths: 13.4 Inches (60 and 85 gpm)
- Optimized ranges: 102 ft. (60 gpm) / 110 ft (95 gpm)
- Weight: 3.74 lbs. (60 and 95 gpm)
- NPSH Threads Available



PIERCING NOZZLE

SAFELY ATTACK A FIRE FROM OUTSIDE

- Nozzle made of **FiberTech**® composite Corrosion-proof with hard anodized aluminum polyester lined cylinder
- Ball valve
- Swivel Inlet
- Expansion x10
- Flow Rates: 60 or 95 (225 or 360)
- Lengths: 13.4 Inches (60 and 85 gpm)
- Optimized ranges: 102 ft. (60 gpm) / 110 ft (95 gpm)
- Weight: 3.74 lbs. (60 and 95 gpm)
- NPSH Threads Available

FIREFIGHTING MONITORS

LEADER® MIX 60G / 95G

HIGH PRECISION VENTURI INDUCTORS / PROPORTIONERS

Body and dosing knob made of **FiberTech®** composite material

- Lower weight
- Anti-corrosion
- Concentration proportioning: 0.5%, 1%, 3% and 6%
- Flow Rate: 60 or 95 gpm (227 or 360 lpm) at 100 PSI (7 Bar)
- Suction flexible hose 4.9ft+ pick up tube 3.3 ft long
- Relief ball valve
- Stainless steel screws & axis
- 1.5" NH F Inlet 11.5" NH M outlet
- NPSH Couplings Available



PORTABLE MONITOR NOZZLES

ONEFLOW

Fixed Flow Monitor Nozzle

- Ref: CDA-026-SI: 350 GPM @ 100PSI
- Ref: CDA-027-SI: 500 GPM @ 100PSI
- Ref: CDA-028-SI: 750 GPM @ 100PSI



FLOWMATIC

Automatic Monitor Nozzle

- Ref: CDA-020-SI: 500 GPM @ 100PSI
- Ref: CDA-022-SI: 750 GPM @ 100PSI



VECTOR 2: PORTABLE MONITOR

PORTABLE GROUNDS MONITOR EN15-767 CERTIFIED

- Flow Rate: Up to 1250 gpm @ 100PSI
- Base has safety shutoff in case of movement and protected pressure gauge.
- Turret is equipped with large handle and hand wheels for elevation and rotation adjustment
- High elevation up to 85° (from 25°)
- Rotation from 120° left to 80° right
- Automatic draining valve
- CSA Threads available



PARTNER 2: PORTABLE MONITOR

ERGONOMICALLY DESIGNED FOR PERFORMANCE, EASE OF HANDLING AND SAFETY AT THE FIRE SCENE

- Flowrate: 500 or 750 gpm @ 100 PSI (1890 or 2840 lpm @ 7 Bar)
- High elevation up to 85° (from 25°)
- Safety valve: reduces but doesn't stop the flow to keep enough flow for food protection for the firefighter and reduces water hammer
- Horizontal Operation -20° to +20°
- Equipped with a protected pressure gauge
- 5 Flexible stainless-steel legs
- Full time swivel Inlet 2.5" NH
- Quick deployment (minimal setup).
- Safety strap supplied
- Compact size in folded position:
 - Easy vehicle storage
- Very low maintenance
- CSA Threads Available



Monitor Nozzle: Automatic or Fixed Flow

Model No.	Weight	Part No.
Base 2x2.5" NH F	25.1 lbs.	CPA-210-SI
Turret 2.5" NH M	24.9 lbs.	CPA-310-IS

Model No.	Part No.
Partner 2	CPA-022-S5
Oscillating Partner 2	CPA-122-S5

URBAN SEARCH & RESCUE (USAR) EQUIPMENT

LEADER® MULTISEARCH

LEADER MULTISEARCH IS 1 SINGLE CONTROL BOX TO CONNECT TO THE FOLLOWING PERIPHERALS FOR USE 1BY1:

**MS BOX
MULTISEARCH
Control Box**
(Allows Scalability)
with Microphone/
Speaker Headset

Radar Movement
Detector
SCAN

Radar Movement
Detector Sensor

Listening Seismic
Sensors
SEARCH

Wireless Seismic
Sensors x2 or x3

Search
Color Camera
CAM

Color Camera Head
+ Telescopic Pole

Thermal Imaging
Camera
TIC

Thermal Imaging
Camera Head Alone

Camera and Seismic
Wireless Sensors
HASTY

Camera Head +
Wireless Sensors



- 2-in-1 search device
- Fast deployment
- Compact and lightweight
- Ergonomic control box
- Intuitive navigation interface and menu
- Extra-wide color screen

- Ultra-lightweight 12ft. (3.7 meters) telescopic pole.
- Up to 3 wireless seismic sensors, each with a range of 330 ft.
- Position of camera shown on screen

LEADER® MULTISEARCH: HASTY

CAMERA HEAD AND WIRELESS SEISMIC SENSORS - IDEAL FOR USAR OPERATIONS



- Leader HASTY - Life detectors / Locators
- Combined listening/viewing tool.
- The only 2 in 1 device that combines wireless seismic detection and a search camera.
- 12ft. (3.7 meters) Telescopic Pole

LEADER® MULTISEARCH: SEARCH

SEISMIC DETECTOR WITH WIRELESS AND/OR WIRED SEISMIC SENSOR



- Compact and lightweight
- WIRELESS technology for fast set up and ease of movement; no more cables caught in debris.
- 1 - 6 connectible seismic sensors
- Up to 3 wireless sensors, each with a range of 330 feet
- Up to 3 wired sensors, each with 26 feet of cable

LEADER® MULTISEARCH: CAM

SEARCH CAMERA WITH BUILT-IN COMMUNICATION SYSTEM



- Position of camera shown on screen
 - Compact and lightweight
 - Ergonomic control box
 - Intuitive navigation interface and menu
 - Extra-wide color screen
 - Ultra-lightweight telescopic pole:
 - Two Options: extending to 6.5ft or 13ft
- Law Enforcement Black Case option available*

LEADER® WASP

WARNING ALARM FOR STABILITY PROTECTION

- Portable/lightweight & rapid deployment
- User programmable SMART functions
- Configurable Alarm Settings
- Attach to any surface
- High Impact-resistant composite body.



Model No. Part No.

WASP Single D11.06.030

WASP Double D11.06.031

LEADER® VOLT:

AC CURRENT DETECTOR



- Detects unknown sources of AC voltages
- Safe and easy to use, Water resistant
- High sensitivity

LEADER® SENTRY WIRELESS

MONITORS UNSTABLE STRUCTURES TO ALERT FIRE & RESCUE TEAMS OF POTENTIAL COLLAPSE RISK.

- 2 laser beams can operate simultaneously
- Full Control at each laser head
- Weight <4.4 lbs.
- Range: 164 feet (up to 1 mm precision)
- 105 dB Alarm & Flashing Light
- 8h running time
- 328ft range between each laser/ remote control
- Optional battery for 45 hour run time.



**single or double available*

Model No.	Part No.	Description
Sentry Full Kit	D11.06.020F	Sentry Full Kit - Single Beam
Sentry Full Kit	D11.06.022F	Sentry Full Kit - Dual Beam

LEADER® COM CONFINED SPACE COMMUNICATIONS

EFFECTIVE COMMUNICATIONS IN ALL EXTREME SITUATIONS

- Hands-free operation
- Simple hardware
- Superior sound quality
- NFPA-Approved communication safety rope cable system
- MSHA-Approved comms cable system
- Connects 2 - 10 people
- 3 mile range per user
- Attendant-free system
- Waterproof connectors tested to 33 ft
- 200 hours of operation on 3 AA batteries



DECISION-MAKING THERMAL IMAGING CAMERAS

3.1 OR 4.1 THERMAL IMAGING CAMERAS (1 BUTTON VERSION)

EFFICIENT= 1 BUTTON FOR EASE OF USE

High resolution thermal imaging decision-making camera with 3.5" or 4" screen.

COMPACT

- **TIC 3.1** (6.5" x 5.5" x 3.4")
- **TIC 4.1** (6.6" x 5.7" x 3.8")

LIGHTWEIGHT (with 2 batteries)

- **TIC 3.1** - 2 lbs
- **TIC 4.1** - 2.2 lbs

LARGE DISPLAY SCREEN FOR DETAILED VISIBILITY

- **TIC 3.1** - 3.5" screen / **TIC 4.1** - 4" screen

BENEFITS

- **Industry's widest temperature range:** -40° to 2100°F (-40° to 1150°C)
- Video, photo and still image recording
- Safe batteries (LiFePO4): for high temp conditions
- Germanium window to protect the optics
- < 5 sec Bootup Time
- Wireless video transmission: Live video can be sent to a computer, tablet or smartphone thanks to optional wireless stick (WLAN module)
- Zoom: x2 - x4
- Continuous operation by changing one battery during use (no need for power off the camera)
- Optional pistol-type handle

1 COLOR MODE FOR EASE OF USE

- Fire Coloring mode is standard
- Optional Search coloring mode available.

WARRANTY:

- 5 years for the camera.
- 6 years for batteries (5000 charge cycles)
- 10 years for warranty sensor



Wireless video transmission kit (option): Stream Live Video up to 3 remote devices simultaneously (mobile, tablet, computer).

3.3 OR 4.3: THERMAL IMAGING CAMERAS (3 BUTTON VERSION)

EFFICIENT AND VERSATILE= 3 BUTTONS

High resolution thermal imaging decision-making camera with 3.5" or 4" screen.

COMPACT

- **TIC 3.3** (6.5" x 5.5" x 3.4")
- **TIC 4.3** (6.6" x 5.7" x 3.8")

LIGHTWEIGHT (with 2 batteries)

- **TIC 3.3** - 2 lbs
- **TIC 4.3** - 2.2 lbs

LARGE DISPLAY SCREEN FOR DETAILED VISIBILITY

- **TIC 3.3** - 3.5" screen / **TIC 4.3** - 4" screen

BENEFITS

- **Industry's widest temperature range:** -40° to 2100°F (-40° to 1150°C)
- Video, photo and still image recording
- Safe batteries (LiFePO4): for high temp conditions
- Germanium window to protect the optics
- < 5 sec Bootup Time
- Wireless video transmission: Live video can be sent to a computer, tablet or

smartphone thanks to optional wireless stick (WLAN module)

- Zoom: x2 - x4
- Continuous operation by changing one battery during use (no need for power off the camera)
- Optional pistol-type handle

UP TO 5 COLORIZATION MODES:

- Fire, Search, Inverse, Cold Finder, Multicolor

WARRANTY:

- 5 years for the camera.
- 6 years for batteries (5000 charge cycles)
- 10 years for warranty sensor



DECISION-MAKING THERMAL IMAGING CAMERAS

3.1 OR 4.1 LONG RANGE THERMAL IMAGING CAMERAS (SEARCH & RESCUE/LAW ENFORCEMENT)

EFFICIENT= 1 BUTTON FOR EASE OF USE

High resolution thermal imaging decision-making camera for Search and Rescue / Law Enforcement with a 3.5" or 4" screen.

LIGHTWEIGHT (with 2 batteries)

- **TIC 3.1** - 2 lbs
- **TIC 4.1** - 2.2 lbs

LARGE DISPLAY SCREEN FOR DETAILED VISIBILITY

- **TIC 3.1** - 3.5" screen / **TIC 4.1** - 4" screen

2 LONG-RANGE VERSIONS:

- **TIC 3.1** LR700 can identify a human at **2297ft (700 meters)**
- **TIC 4.1** LR1000 can identify a human at **3280ft (1000 meters)**

BENEFITS

- **Industry's widest temperature range:** - 40° to 2100°F (-40° to 1150°C)
- 1 colorization mode for ease of use
- 1 Large button and easy to operate even with gloves
- Safe batteries LiFePO4: No explosion at high-temperature operations
- Up to 8h running time 2 batteries with Eco-Boost-System
- Germanium window to protect the optics

OPTIONS

- Picture Capture and/or video recording
- Removable Pistol grip
- Wireless transmission kit

WARRANTY:

- 5 years - Camera.
- 6 years - Batteries (5000 charge cycles)
- 10 years - Sensor



3.3 OR 4.3 LONG RANGE THERMAL IMAGING CAMERAS (SEARCH & RESCUE/LAW ENFORCEMENT)

EFFICIENT AND VERSATILE= 3 BUTTONS

High resolution thermal imaging decision-making camera for Search and Rescue / Law Enforcement with a 3.5" or 4" screen.

LIGHTWEIGHT (with 2 batteries)

- **TIC 3.3** - 2 lbs
- **TIC 4.3** - 2.2 lbs

LARGE DISPLAY SCREEN FOR DETAILED VISIBILITY

- **TIC 3.3** - 3.5" screen / **TIC 4.3** - 4" screen

2 LONG-RANGE VERSIONS:

- **TIC 3.3** LR700 can identify a human at **2297ft (700 meters)**
- **TIC 4.3** LR1000 can identify a human at **3280ft (1000 meters)**

UP TO 5 COLORIZATION MODES:

- Fire, Search, Inverse, Cold Finder, Multicolor

BENEFITS

- **Industry's widest temperature range:** -40° to 2100°F (-40° to 1150°C)
- Safe batteries LiFePO4: No explosion at high-temperature operations
- Up to 8h running time 2 batteries with Eco-Boost-System
- Germanium window to protect the optics

OPTIONS

- Picture Capture and/or video recording
- Removable Pistol grip
- Wireless transmission kit

WARRANTY:

- 5 years - Camera
- 6 years - Batteries (5000 charge cycles)
- 10 years - Sensor



LEADER® STOP: FIRE BLANKET (FOR SMOTHERING VEHICLE/DUMPSTER FIRES)



- Leader STOP fire blanket allows rapid intervention to prevent flash-over and spread to other vehicles / infrastructure before the arrival of firefighters.
- Made of silicone fiberglass
- Efficiently stops the release of toxic fumes
- Unfolded dimensions 17.7' x 28.25' (518 ft.²) - Storage Box 13" x 13" x 32.6"
- Weight 58 lbs.
- Easily deployed by 2 operators.

Model No.	Part No.	
Leader STOP	S01.01.007	Leader Stop Fire Blanket with Storage Box, 2 Pair Gloves, Instruction Panel
Leader STOP	S01.01.008	Fire Blanket with Instruction Panel only

FIREFIGHTING FOAM CONCENTRATE SELECTION GUIDE



OVER 20 YEARS OF FLUORINE-FREE FOAM EXPERIENCE

BIOEX developed the first Fluorine-Free Foam (F3) in 2002 (ECOPOL). Eco-friendly and Biodegradable foams that are not hazardous to the environment, humans, or wildlife (ISO 14001 & ISO 2600).

Fire protection solutions to the following industries worldwide:

- Fire departments
- Oil & Gas companies
- Chemical plants
- Airports
- Marine
- Military forces
- Nuclear power plants
- Waste management facilities

BIOEX FOAM CONCENTRATE	INDUCTION RATE %	APPLICATION TYPE						
		Fire Departments	Oil & Gas Industry	Chemical Industry	Aviation	Marine	Waste Treatment	Training
FLUORINE-FREE FOAMS (contain no PFOS and PFOA)								
AR-FFF (Alcohol-Resistant Fluorine-Free Foam) ECOPOL PREMIUM	3x3, 3x6	●	●	●	-	●	●	-
FFF ECOPOL A+ (Aviation)	3, 6	-	-	-	●	-	-	-
Class A/B BIO FOR	0.1-3	●	-	-	-	-	●	-
Class A ECOPOL F (USDA certified)	0.1-1	●	-	-	-	-	-	-
High Expansion BIO FOAM	2-6	●	-	●	-	●	●	-
Anti-foaming agent D FOAM	1-6	●	●	●	●	-	●	-
Training BIO T	1, 3, 6	-	-	-	-	-	-	●

[Learn more about BIOEX - Fluorine Free Foam \(F3\) - Ecofriendly Firefighting Foam \(bio-ex.com\)](http://bio-ex.com)

BIOEX products meet the international standards and certifications below:



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