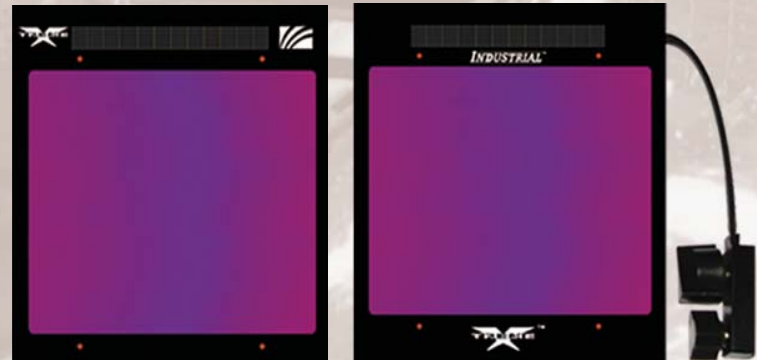


# Auto-Darkening Filters



X54Di has selectable shades of 10 & 11, with a light state of 3, a sensitivity and delay mode for Tig welding, and a power off mode for grinding.

X54Vi has two dark state shade ranges. 5-9 and 10-13, with a light shade of 3. The heads up display located below the viewing area allows the welder to quickly set the shade sensitivity mode.



The Industrial® series has been the workhorse for production welding for over 16 years running. The outside command center enables infinite shade and sensitivity adjustment **While Welding** between 7-14 or 5-14 on the Industrial with Xtreme® viewing area.

Filter-Style Selection	Light State	Dark State	Sensitivity	Grind	Delay	TIG Rating Amps	# of Sensors	Command Center	Inside Regulation	Viewing Area (sq.in.)
IX540	3	5-14	✓	✓	✓	5	4	✓	X	12.6
X540V	3	9-12	✓	✓	✓	5	4	X	✓	12.6
X54Di	3	10 & 11	✓	✓	✓	5	2	X	✓	7.38
X54Vi	3	5-9/10-13	✓	✓	✓	5	4	X	✓	7.38

# Technical Specifications Approval Information

## BASIC SYSTEM

### Blower Unit

Type: Flow Control  
 Rotor Speed: 6,000-10,000 rpm  
 Rotor: Brushless  
 Air Supply (min.): 6 cubic feet (170 liters) per /min  
 Case: Impact-proof ABS  
 Belt Plate: Fiber Glass reinforced polyamide  
 Filter Cartridge: Single plug in type  
 Hose Length: 29.5 in/750mm  
 Hose Diameter (int): .87 in/22mm  
 Hose Connection: Bayonet Connection  
 Weight: 1.0 lbs. (.48 kg.) L- 6.9" x W-4.2" x H-7.5"  
 Dimensions: L- 174mm x W-107mm x 191mm  
 Color: Black/Silver

### Battery

Type: Lithium Ion  
 Voltage: 14.4 Volt  
 Operating Time: 8 hour shift from fully charged battery  
 Charging Time: 6 hr. (max.)  
 Charging Cycles: 500 Times (under ideal conditions)  
 Housing: Impact-proof ABS  
 Weight: .6 lbs. (.27kg.)  
 Dimensions: L- 5.9" x W - 2.9" x H - 1.65"  
 L- 150mm x W - 74mm x H-42mm  
 Color: Black

### Charger

Type: DC Rectifier  
 Primary Voltage: 120 V/60Hz  
 Secondary Voltage: 7.4 VDC  
 Output Current: 570mA  
 Weight: .57 lb (.26 kg.)  
 Dimensions: L- 4.65" x W- 2.4" x H- 2.75"  
 L- 118mm x W- 62mm x 70mm  
 Color: Black  
 Approvals: UL/CSA/CE

## ADVANCED SYSTEM

### Blower Unit

Rotor Speed: 10,000 rpm/min  
 Rotor: Balanced  
 Air Supply: 6 cubic feet (170 liters) per/min  
 Case: Impact proof ABS  
 Belt Plate: Fiberglass reinforced polyamide  
 Filter Cartridge: 3 x EN 148 threaded connection  
 Hose Length: 29.5 in/750 mm  
 Hose Diameter (int): .87 in/22 mm  
 Hose Connection: EN 148 threaded connection  
 Weight: 1.4 lbs (.62 kg.)  
 Dimensions: L-105 mm x W-85 mm x H-100 mm  
 Approvals: NIOSH 42 CFR Part 84

### Battery

**NiCad rechargeable**  
 Voltage: 4.8 volt  
 Fuse: 1.6 amp  
 Operating Time: 8 hour shift minimum  
 Charging Time: 16 hours maximum  
 Charging Cycles: 500 times  
 Housing: Impact proof ABS  
 Belt Plate: Fiberglass reinforced polyamide  
 Weight: 1.5 lbs. (.7 kg.)  
 Dimensions: L-4" x W-3.1" x H-2.8"  
 L-100 mm x W-80 mm x H-70 mm  
 Approvals: NIOSH 42 CFR Part 84

### Charger

**DC rectifier**  
 Primary Voltage: 120 V/60 Hz  
 Secondary Voltage: 5.8 VDC  
 Output Current: 570mA  
 Weight: .5 lb (.23 kg.)  
 Dimensions: L-2.7" x W-2.2" x H-1.6"  
 L-96 mm x W-55 mm x H-40 mm  
 Approvals: NIOSH 42 CFR Part 84



# WELDING AND SAFETY PRODUCTS

Tel: 800-223-4685

www.arc1weldsafe.com

# RESPIRATORY PROGRAM





## Respiratory Systems

ArcOne's CleanAir Flow Air Purifying Respirator System is a motorized, battery operated system that blows a constant supply of fresh, filtered air over the face creating a protective pressure inside the respirator head top keeping away harmful gases, vapors and particulates.



### The Complete CleanAir Basic System Includes:

- Choice of 100+ NIOSH Approved Unit Combinations
- Reusable/Washable Comfa-Seal Face Seal
- Flexible 30" Breathing Tube with Quick Disconnect
- Adjustable Lightweight Belt
- 8 Hour Lithium Ion Rechargeable Battery
- Smart Battery Charger
- Blower Unit with Integrated Air Flow Indicator, Dual Fan Speed, Filter and Battery Indicator Lights
- Audible Low Battery/Clogged Filter Alarms
- Convenient Single HEPA Filter (On Basic Unit)
- Airduct Headgear Assembly
- Handy Storage Duffle Bag
- Optional Back Support Belt
- Approved to NIOSH 42 CFR Part 84



**BASIC SYSTEM**



**ADVANCED SYSTEM**



## Respiratory Head Tops

Multiple head tops to choose from with or without hard hat. Welding helmets available with four auto darkening filter types. Chose from Vision or Viper helmets in black or multiple decal configurations.

### Welding



Reverse Bill Hard Hat with Vision TopGun Combination (shown)



Vision Easy Rider Helmet with Xtreme Filter (shown)



Viper Ghost Rider Helmet with Industrial Xtreme Filter (shown)

### Industrial Use



Forward Bill Hard Hat with Flip Front Visor (shown)



Forward Bill with Brow Guard Visor Combination (shown)



Forward Bill Hard Hat with Visor Combination (shown)

## Supplied Air

The lightweight, state-of-the-art, integrated Supplied Air System protects the worker in a variety of harsh environments with eye, face and respiratory protection. Choose from 2, 5 or 8 unit filtration panels.



**VORTEX AIR COOLER**

### PORTABLE FILTRATION PANEL



\*2, 5 or 8 User Panels

### WALL-MOUNT FILTRATION PANEL



\*2, 5 or 8 User Panels

### The complete SAR System Includes:

- Choice of 48 NIOSH Approved Units
- Reusable Comfa-Seal Face Seal
- Flexible 30" Breathing Tube with Adjustable In-line Regulator System
- Air Supply Hose with Quick Disconnect Fitting
- Airduct Headgear Assembly
- Approval to NIOSH 42 CFR Part 84
- 2, 5 or 8 Unit Filtration Panels