

 **Adflo[®]**



ClearVisor with Adflo[®]

**Face Shield with Powered
Air-Purifying Respirator**

HÖRNELL

ClearVisor with Adflo®: Eye, Face & Respiratory Protection



High Efficiency (HE)
Particle Filter.

Adflo Cartridge for
OV/SD/CL/HC vapors.

Brushless Motor lasts 3x
longer than traditional motors.

NiMH Battery fully charges
in three hours.

The new ClearVisor with Adflo® system combines full eye and face protection with a slim, lightweight, powered air-purifying respirator.

The polycarbonate ClearVisor Face Shield has exceptional clarity and a wide viewing area, while providing workers protection from high impact hazards. The system can be used in a variety of industrial settings, including woodworking, metal grinding, injection molding, petrochemical, pharmaceutical, mining, pulp and paper processing, sanding and refinishing, foundries, spray painting, grain and flour processing, and other dusty environments.*

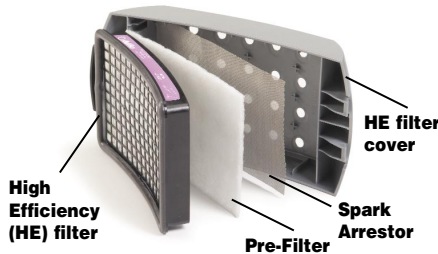
The Most Advanced PAPR Available

The Adflo powered air-purifying respirator (PAPR) is used with a high efficiency (HE) particle filter that can be “stacked” onto an optional Adflo cartridge for additional protection against organic vapors, sulfur dioxide, chlorine and hydrogen chloride fumes.



Additional exclusive features include a brushless motor with three times the design life of traditional motors; Automatic Airflow Control for constant airflow, regardless of battery charge or filter loading; and a ventilated leather belt shaped for maximum freedom of movement and back support.

Continuous application of the optional Clear Window Strip-Off Shielding Film extends the useful service life of the polycarbonate face shield.



ClearVisor Specifications

Safety Standards

ClearVisor Face Shield	ANSI Z87.1
ClearVisor Clear Window	EN 166.1.B.3.9
ClearVisor Brow Guard	EN 166.B.3.9
Weight, Face Shield Assembly	1.3 lbs (0.6 kg)
Clear Window Material	Polycarbonate
Brow Guard Material	Polycarbonate

Adflo® Specifications

Assigned Protection Factor (APF)	25
Airflow (nominal)	6+ cfm (170+ lpm) min.
Battery, NiMH	
HE	up to 12-13 hrs/charge
HE + OV/SD/CL/HC	up to 5.5-6 hrs/charge
Battery Charging Time	3 hours
Weight, Adflo Turbo w/ Battery, Breathing Tube & Belt	4.48 lbs (2.03 kg)
OV/SD/CL/HC Cartridge	1.79 lbs (0.81 kg)
Operating Temperatures	23° to 131°F (-5° to 55°C)
Respirator Approval	NIOSH 42 CFR 84

Part Numbers

ClearVisor Face Shield Assembly	16-0099-35
Brow Guard	16-0099-27
Clear Window with Velcro®	16-0099-32
ClearVisor Face Shield Headband Assembly with Air Duct	16-0099-29
ClearVisor Face Seal	16-0099-28
Head Cover	16-0099-30
Clear Window Strip Off Shielding Film	16-0300-99X05
Mounting Hardware (APC, ClearVisor)	02-0660-00

WARNING

* Not to be used in atmospheres classified as IDLH. Not to be used in atmospheres of less than 19.5% oxygen. Final determination of respirator applicability and filter selection must be made by an on-site safety specialist or industrial hygienist. Impact resistant, primary eye protection, spectacles or goggles that meet current ANSI specifications, must be worn at all times when using any face shield.

HÖRNELL

HORNELL, INC.

2374 EDISON BLVD. • TWINSBURG, OH 44087 USA
TEL: 800-628-9218 • 330-425-8880 • FAX: 330-425-4576
EMAIL: info.us@hornell.com • www.hornell.com

HORNELL, INC. (CANADA)

43 TEAL AVE. UNIT 1 • STONEY CREEK, ONTARIO L8E 3B1
TEL: 800-676-6930 • 905-664-6239 • FAX: 905-664-1402
EMAIL: info.ca@hornell.com • www.hornell.com