

Ultimate FX Full Facepiece Reusable Respirator FF-400 Series

Issue Date 5/1/10

Flexibility in X-treme Conditions.

3M™ Ultimate FX Full Facepiece Reusable Respirator FF-400 is a reusable respirator that offers comfort, durability, and ease of cleaning.

Features/Benefits

Large Lens Featuring Scotchgard™ Protector

- Paint and stain resistant lens causes some liquids to bead up on the surface so they can be wiped off easily
- Provides a wide field of view for excellent visibility
- Meets all requirements of ANSI Z87.1-2003 for high impact (Z87+)

Passive Speaking Diaphragm

- Optimally positioned passive speaking diaphragm for clearer and easier communications

3M™ Cool Flow™ Valve

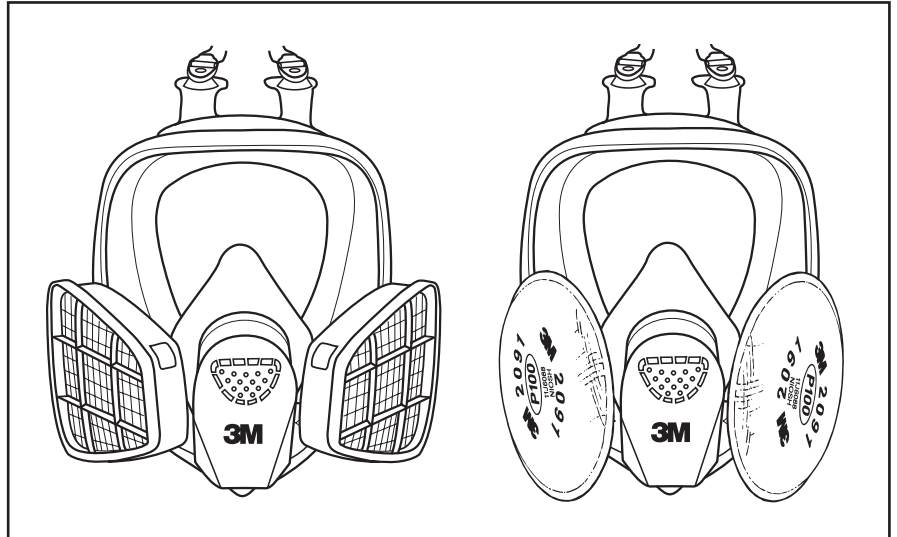
- Cool Flow™ valve helps make breathing easier
- Helps provide cool, dry comfort

Comfort

- Silicone faceseal and nose cup enhances comfort and durability
- Respirators are available in three sizes (small, medium and large) to comfortably fit many face sizes
- Comfort Cradle positions the respirator comfortably on head

Easy to Use

- Bonded silicone gaskets to eliminate loose gaskets that can be lost



The 3M™ Ultimate FX Full Facepiece Reusable Respirator FF-400 with replaceable cartridges/filters

- Respirator attachments twist on and off for quick assembly and disassembly

Multiple Mode Capacity

- Available in two different modes: Negative Pressure Air Purifying and Dual Airline Supplied Air

The FF-400 Series respirators can be used in dual airline mode:












- Available with both back-mounted and front-mounted breathing tubes
- Systems can be used in combination with NIOSH approved 3M™ Filters 2000/2200 Series, 3M™ Cartridges 6000 Series and 3M™ Filter/Cartridges 7000 Series
- Cartridge/filter connections provide pressure and powered and supplied air capability in one respirator assembly

- Can be used on both high and low pressure systems*
- Wearer can disconnect the airline at the air regulating valve and the system is changed to a filter/cartridge air purifying mode— then back to supplied air system with a simple reconnection of the airline
- Small diameter breathing tubes are simple to work with and easy to clean and decontaminate

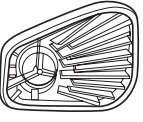
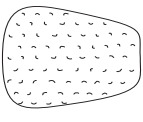
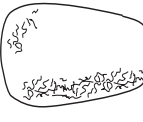


⚠ WARNING	
	These respirators help reduce exposure to certain airborne contaminants. Misuse may result in sickness or death. Before use, the wearer must read and understand <i>User Instructions</i>
provided as a part of product packaging. Time use limitations may apply. For proper use, see supervisor, packaging or call 3M OH&ESD Technical Service at 1-800-243-4630. In Canada, call 1-800-267-4414 or 1-800-265-1840, ext. 6137.	

*Employer must provide a minimum of Grade D breathing air in accordance with OSHA requirements.


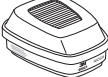
3M™ Filters and Accessories 2000 and 2200 Series, 7093, 5N11, 5P71

					
2071 P95 Filter	2076HF P95 Filter with hydrogen fluoride, nuisance level acid gas relief*	2078 P95 Filter with nuisance level organic vapor and acid gas relief*	2091/07000 P100 Filter	2096 P100 Filter with nuisance level acid gas relief*	2097/07184 P100 Filter with nuisance level organic vapor relief*
					
2291 P100 Filter	2296 P100 Filter with nuisance level acid gas relief*	2297 P100 Filter with nuisance level organic vapor relief*	7093 P100 Filter	7093C/37173 P100 Cartridge/Filter with hydrogen fluoride, nuisance level organic vapor and acid gas relief*	

*Nuisance levels refer to concentrations below the OSHA PEL or other government standard, whichever is lower.

				
603 Filter Adapter (Use with the 5N11 or 5P71 Filters and 501 Filter Retainer)	5N11 N95 Filter (Use with the 501 Filter Retainer and 6000 Series cartridges)	5P71/07194 P95 Filter (Use with the 501 Filter Retainer and 6000 Series cartridges)	501 Filter Retainer (Use with 5N11 and 5P71 Filters and 6000 Series cartridges)	502 Filter Adapter (Use with 2000 and 2200 Series and 7093 Filters and 6000 Series cartridges)

3M™ Cartridges 6000 Series

Product Number	NIOSH Approval*		Product Number	NIOSH Approval*	
6001	Certain organic vapors (a)(b)		60921	P100/Certain organic vapors (a)(b)	
6002	Chlorine, hydrogen chloride, and sulfur dioxide or chlorine dioxide or hydrogen sulfide (a)(b)		60922	P100/Chlorine, hydrogen chloride, and sulfur dioxide or chlorine dioxide or hydrogen sulfide (a)(b)	
6003	Certain organic vapors, chlorine, hydrogen chloride, and sulfur dioxide or hydrogen sulfide or hydrogen fluoride (a)(b)		60923	P100/Certain organic vapors, chlorine, hydrogen chloride, and sulfur dioxide or hydrogen sulfide or hydrogen fluoride (a)(b)	
6004	Ammonia and methylamine (a)(b)		60924	P100/Ammonia and methylamine (a)(b)	
6005	Formaldehyde and certain organic vapors (a)(b)		60925	P100/Formaldehyde and certain organic vapors (a)(b)	
6006	Certain organic vapors, chlorine, hydrogen chloride, chlorine dioxide, sulfur dioxide, hydrogen sulfide ammonia/methylamine, formaldehyde or hydrogen fluoride (a)(b)(c)		60926	P100/Certain organic vapors, chlorine, hydrogen chloride, chlorine dioxide, sulfur dioxide, hydrogen sulfide ammonia/methylamine, formaldehyde or hydrogen fluoride (a)(b)(c)	
		60928	P100/Organic vapor/Acid gas (d)		
6009	Mercury vapor or chlorine gas (a)(b)	60929	P100/Mercury vapor or chlorine gas (a)(b)		

* For respiratory protection against the following contaminants up to 10X PEL with half facepiece respirators and full facepiece respirators when qualitatively fit tested, or 50X PEL with full facepiece respirators when quantitatively fit tested.

- (a) All respirators and respirator/filter assemblies can be used up to the NIOSH approval limits, 10X PEL for half facepiece respirators and full facepiece respirators when qualitatively fit tested, or 50X PEL for full facepiece respirators when quantitatively fit tested or the maximum use concentration allowable in applicable OSHA standards, whichever is lower.
- (b) For specific usage, limitations and warning information, see respirator and/or filter packaging, or call 3M OH&ESD Technical Service 1-800-243-4630. In Canada call 1-800-267-4414.
- (c) OSHA regulations require that gas-proof goggles be worn with half facepiece respirators when used against formaldehyde.
- (d) As recommended by the California Department of Pesticide Regulation No. 01-099 Methyl Bromide Field Fumigation.

3M™ Ultimate FX Full Facepiece Reusable Respirator FF-400 Series

To complete a 3M™ Dual Airline Respirator System, select a facepiece, an adapter kit and an air supply hose.
For example: FF-402 + SA-2000 + W-9435-100 = complete system

Accessories and Replacement Parts	High Pressure	Low Pressure
Standard Back-Mounted Adapter Kit. Includes SA-2500 Breathing Tube, GVP-127 Belt and SA-1009 Air Regulator or SA-1029 Connector (low pressure).	SA-2000	SA-2000LP
Combination Back-Mounted Adapter Kit. Includes 2600 Breathing Tube, GVP-127 Belt and SA-1009 Air Regulator or SA-1029 Connector (low pressure). Cartridges/Filters not included.	SA-2100	SA-2100LP
Standard Front-Mounted Adapter Kit. Includes SA-1500 Breathing Tube, GVP-127 Belt and SA-1009 Air Regulator or SA-1029 Connector (low pressure).	SA-1000	SA-1000LP
Combination Front-Mounted Adapter Kit. Includes SA-1600 Breathing Tube, GVP-127 Belt and SA-1009 Air Regulator or SA-1029 Connector (low pressure). Cartridges/Filters not included.	SA-1100	SA-1100LP

Replacement Parts FF-400 Series

FF-400-01	Head Harness Buckle
FF-400-02	Head Harness Button
FF-400-03	Lens Assembly
FF-400-04	Head Harness
FF-400-05	Frame Assembly w/Screw
FF-400-06	Comfort Cradle
FF-400-07	Exhalation Valve Assembly

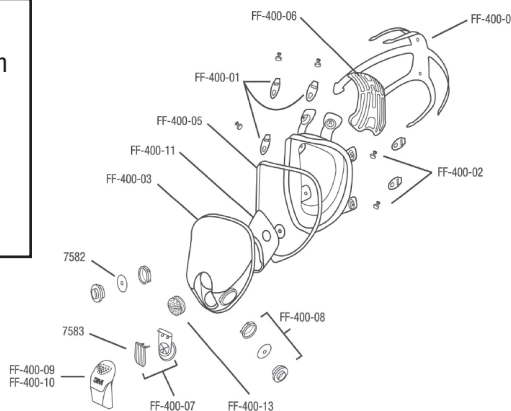
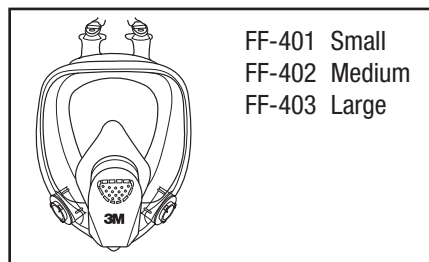
FF-400-08	Bayonet Assembly Inhalation Valve
FF-400-09	Exhalation Valve Cover (Standard)
FF-400-10	Exhalation Valve Cover (Solid)
FF-400-11	Nose Cup Assembly
FF-400-13	Speaking Diaphragm Assembly
7582	Inhalation Valve
7583	3M™ Cool Flow™ Valve

Accessories FF-400 Series

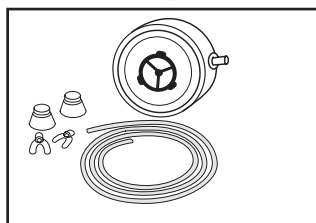
FF-400-20	Spectacle Kit
FF-400-15	Lens Cover
FF-400-17	Semi-Permanent Lens Cover

Full Facepiece FF-400 Series

Facepieces per box	Facepieces per case
1	4



3M™ Quantitative Fit Test Adapter 601



For use with all 3M bayonet attachment facepieces.

3M™ Fit Test Kits

- FT-10 Qualitative Fit Test Apparatus
- FT-20 Qualitative Training and Fit Testing Case (sweet solution)
- FT-30 Qualitative Fit Test Apparatus (bitter solution)

For more information, please contact:

3M Occupational Health and Environmental Safety Division (OH&ESD)

In the U.S., contact:

Customer Service
1-800-328-1667

Technical Assistance
1-800-243-4630

Website
www.3M.com/OccSafety

For other 3M products
1-800-3M HELPS

In Canada, contact:

3M Canada Company, OH&ESD
P.O. Box 5757
London, Ontario N6A 4T1

Customer Care
1-800-364-3577

Technical Assistance (Canada only)
1-800-267-4414

Website
www.3M.ca/safety

Technical Assistance In Mexico
01-800-712-0646
5270-2255, 5270-2119 (Mexico City only)
Technical Assistance In Brazil
0800-132333



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