

## Click-On Inline Super-Clean® Purifiers

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PURIFIERS

**Description:** The Airgas® Click-On Inline Super-Clean® purifiers are the latest in in-line gas filtration. Click-On adaptor connectors allow purifiers to be exchanged without introducing oxygen. Spring-loaded check valves seal when a filter is removed and open only when a new filter has been locked in place. There is no need for loosening and tightening fittings every time a purifier is changed, and your system will not become contaminated during the process.

The Triple Click-On Purifier is ideal for purifying carrier gas-it contains oxygen, moisture, and hydrocarbon scrubbers in one cartridge.

The Fuel Gas Click-On Purifier is ideal for purifying flame ionization detector (FIC) fuel gases, removing both moisture and hydrocarbons.

The Helium-Specific Triple Click-On Purifier is ideal for purifying helium in GC/MS systems. This Click-On purifier under helium contains oxygen, moisture, and hydrocarbon scrubbers in one cartridge, and is packed and purged.

Click-On purifier replacement depends on the quality of the incoming gas. Use the double connector and install an indicating cartridge after a purifier to indicate when the purifier should be replaced.



Quick  
changeout

World-class  
performance

Ideal for purifying  
gases

### Design Features/Components

- High-purity output ensures 99.9999% pure gas
- Click-On fittings for easy, leak-tight cartridge changes; brass or stainless steel, ¼" or ½"
- Helium-Specific Triple Purifier is ideal for GC/MS

### Inline Super-Clean® Specifications

Type	Output Quality	Max Pressure	Max Flow	Used For	Capacity	Estimated Lifetime (years)
Moisture	>6.0 (99.9999%)	160 psi (11 bar)	25 L/min	Inert Carrier, Helium, Air, H <sub>2</sub>	21 g H <sub>2</sub> O	>3
Oxygen	>6.0 (99.9999%)	160 psi (11 bar)	25 L/min	Inert Carrier	3000 mL	>3
Hydrocarbon	>6.0 (99.9999%)	160 psi (11 bar)	25 L/min	Inert Carrier, Helium, Air, H <sub>2</sub>	36 g HCs <sup>3</sup>	>3
Fuel Gas <sup>1</sup>	>6.0 (99.9999%)	160 psi (11 bar)	25 L/min	Inert Carrier, Helium, Air, H <sub>2</sub>	10 g H <sub>2</sub> O; 18 g HCs <sup>3</sup>	>2
Triple <sup>2</sup>	>6.0 (99.9999%)	160 psi (11 bar)	25 L/min	Inert Carrier	6 g H <sub>2</sub> O; 12 g HCs <sup>3</sup>	>2

<sup>1</sup>Removes hydrocarbons, moisture.

<sup>2</sup>Removes hydrocarbons, moisture, oxygen

<sup>3</sup>As n-butane.

Note: Super-Clean® Gas Filters are recommended for purifying non-corrosive gases with low concentration of contaminants. The maximum concentration of O<sub>2</sub> in the incoming gas stream for oxygen purifiers is 0.5%.

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## Click-On Inline Super-Clean® Purifiers® Cont.

### Ordering Information—Click-On Inline Super-Clean® Purifier and Connector Kits

Product Number	Description	Quantity
Y40-CO1005KS8	Carrier Gas Purification Kit, 1/8" Stainless Steel Includes (2) 1/8" SS connectors and (1) oxygen/moisture/hydrocarbon Triple Purifier	kit
Y40-CO1005KB8	Carrier Gas Purification Kit, 1/8" Brass Includes (2) 1/8" Brass connectors and (1) oxygen/moisture/hydrocarbon Triple Purifier	kit
Y40-CO1005KS4	Carrier Gas Purification Kit, 1/4" Stainless Steel Includes (2) 1/4" SS connectors and (1) oxygen/moisture/hydrocarbon Triple Purifier	kit
Y40-CO1005KB4	Carrier Gas Purification Kit, 1/4" Brass Includes (2) 1/4" Brass connectors and (1) oxygen/moisture/hydrocarbon Triple Purifier	kit
Y40-CO1007KS8	Fuel Gas Purification Kit, 1/8" Stainless Steel Includes (4) 1/8" SS connectors and (2) hydrocarbon/moisture purifiers	kit
Y40-CO1007KB8	Fuel Gas Purification Kit, 1/8" Brass Includes (4) 1/8" Brass connectors and (2) hydrocarbon/moisture purifiers	kit
Y40-CO1007KS4	Fuel Gas Purification Kit, 1/4" Stainless Steel Includes (4) 1/4" SS connectors and (2) hydrocarbon/moisture purifiers	kit
Y40-CO1007KB4	Fuel Gas Purification Kit, 1/4" Brass Includes (4) 1/4" Brass connectors and (2) hydrocarbon/moisture purifiers	kit



### Ordering Information—Replacement Click-On Inline Super-Clean® Purifiers

Product Number	Description	Quantity
Y40-CO1005	Replacement Click-On Super-Clean® Triple Purifier (removes oxygen, moisture and hydrocarbons)	ea.
Y40-CO1007	Replacement Click-On Super-Clean® Fuel Gas Purifier (removes moisture and hydrocarbons)	ea.

### Ordering Information—Click-On Inline Super-Clean® Ultra-High Capacity Purifiers

Product Number	Description	Quantity
Y40-CO1001	Ultra-High Capacity Moisture Purifier	ea.
Y40-CO1002	Ultra-High Capacity Oxygen Purifier	ea.
Y40-CO1003	Ultra-High Capacity Hydrocarbon Purifier	ea.

### Ordering Information—Helium-Specific Click-On Inline Super-Clean® Purifier and Kits

Product Number	Description	Quantity
Y40-CO1061KS8	<b>Kits</b> Helium-Specific Carrier Gas Cleaning Kit, 1/8" Stainless Steel - Includes (2) 1/8" SS connectors and (1) oxygen/moisture/hydrocarbon Helium-Specific Triple Purifier	kit
Y40-CO1061KB8	Helium-Specific Carrier Gas Cleaning Kit, 1/8" Brass - Includes (2) 1/8" Brass connectors and (1) oxygen/moisture/hydrocarbon Helium-Specific Triple Purifier	kit
Y40-CO1061KS4	Helium-Specific Carrier Gas Cleaning Kit, 1/4" Stainless Steel - Includes (2) 1/4" SS connectors and (1) oxygen/moisture/hydrocarbon Helium-Specific Triple Purifier	kit
Y40-CO1061KB4	Helium-Specific Carrier Gas Cleaning Kit, 1/4" Brass - Includes (2) 1/4" Brass connectors and (1) oxygen/moisture/hydrocarbon Helium-Specific Triple Purifier	kit
Y40-CO1061	<b>Replacement Purifier</b> Replacement Helium-Specific Triple Trap (removes oxygen, moisture and hydrocarbons)	ea.

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World-class performance

### Ordering Information—Click-On Inline Super-Clean® Indicator

Product Number	Description	Quantity
	Click-On Inline Super-Clean® Indicator (oxygen, moisture plus adsorbents and hydrocarbons)	ea.
	° Indicator color change: Oxygen: green to gray; Moisture: beige to clear	



### Ordering Information—Replacement Click-On Inline Super-Clean® Purifiers

Product Number	Description	Quantity
Y40-C02011	Carrier Gas Purification Kit, 1/8" Stainless Steel Includes (2) 1/8" SS connectors and (1) oxygen/moisture/hydrocarbon Triple Purifier	2-pk.
Y40-C02002	Carrier Gas Purification Kit, 1/8" Brass Includes (2) 1/8" Brass connectors and (1) oxygen/moisture/hydrocarbon Triple Purifier	2-pk.
Y40-C02010	Carrier Gas Purification Kit, 1/4" Stainless Steel Includes (2) 1/4" SS connectors and (1) oxygen/moisture/hydrocarbon Triple Purifier	2-pk.
Y40-C02001	Carrier Gas Purification Kit, 1/4" Brass Includes (2) 1/4" Brass connectors and (1) oxygen/moisture/hydrocarbon Triple Purifier	2-pk.



### Ordering Information—Click-On Inline Super-Clean® Double Connector

Product Number	Description	Quantity
Y40-C02020	Click-On Inline Super-Clean® Double Connector (stainless steel purifier and indicator connector)	ea.
	° Connects any Click-On purifier to an indicator.	

### Ordering Information—Wall-Mounting Clamps for Click-On Inline Super-Clean® Purifiers

Product Number	Description	Quantity
Y40-C03002	Wall-mounting Clamps for Click-On Inline Super-Clean® Purifiers	4-pk.

### Ordering Information—Replacement O-Rings for Click-On Inline Super-Clean® Connectors

Product Number	Description	Quantity
Y40-C03001	Replacement O-Rings for Click-On Inline Super-Clean® Connectors	10-pk.