

- **True modularity with Norgren Quikclamp™ connections**
- **F74G prefilter and F74C oil removal filter provide high efficiency oil removal and particle removal down to 0.01 µm**
- **F74V oil vapor removal filter uses an adsorbing type activated carbon element to remove oil vapors and most hydrocarbon odors**
- **Quick release bayonet bowl**
- **Highly visible, prismatic liquid level indicator lens**
- **Service indicator turns from green to red when the filter element needs to be replaced**


Technical Data

Fluid: Compressed air

Maximum pressure

Transparent bowl: 150 psig (10 bar)

Metal bowl: 250 psig (17 bar)

F74G and F74C/H operating temperature*:

Transparent bowl: -30° to 125°F (-34° to 50°C)

Metal bowl: -30° to 150°F (-34° to 65°C)

F74V temperature range*: -30° to 150°F (-34° to 65°C).

* Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C).

Particle removal: Down to 0.01 µm

Air quality:

F74G, F74C/H: Within ISO 8573-1, Class 1 (particulates) and Class 2 (oil content)

F74G, F74C, F74V: Within ISO 8573-1, Class 1 (particulates) and Class 1 (oil content)

Maximum remaining oil content in outlet air with an inlet concentration of 17 ppm

F74G, F74C/H: 0.01 ppm at 70°F (20°C)

F74G, F74H, F74V: 0.003 ppm at 70°F (20°C)

Manual drain connection: Will fit 1/8-27 and 1/8-28 pipe thread

Automatic drain connection: Will fit 1/8-27 and 1/8-28 pipe thread

Automatic drain operating conditions (float operated)

Bowl pressure required to close drain: Greater than 5 psig (0.3 bar)

Bowl pressure required to open drain: Less than 3 psig (0.2 bar)

Minimum air flow required to close drain: 2 scfm (1 dm³/s)

Manual operation: Depress pin inside drain outlet to drain bowl

Nominal bowl size: 7 fluid ounce (0.2 liter)

Materials

Body: Aluminum

Bowl

Transparent: Polycarbonate with steel bowl guard

Metal: Aluminum

Metal bowl liquid level indicator lens: Transparent nylon

F74G element: Sintered polypropylene

F74C/H element: Synthetic fiber and polyurethane foam

F74V element: Activated carbon and aluminum

Elastomers: Neoprene and nitrile

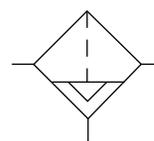
Service indicator materials:

Body: Transparent nylon

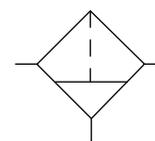
Internal parts: Acetal

Spring: Stainless steel

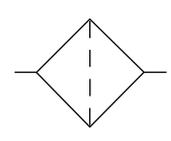
Elastomers: Nitrile

ISO Symbols


Automatic Drain



Manual Drain



Closed Bottom

See Section ALE-24 for Accessories



Ordering information. Models listed include PTF parallel threads, service indicator on the general purpose and coalescing filters, automatic drain and metal bowl with liquid level indicator on the general purpose and coalescing filters.

Combination Unit	Type	Port Size	Model	Weight lb (kg)
General Purpose and Coalescing Filters	Standard	3/8"	H74A-3AB-AD1-NNN-DNN	4.15 (1.88)
	Standard	1/2"	H74A-4AB-AD1-NNN-DNN	4.06 (1.84)
	High Flow	1/2"	H74B-4AB-AD1-NNN-DNN	4.67 (2.12)
	High Flow	3/4"	H74B-6AB-AD1-NNN-DNN	4.61 (2.09)
General Purpose, Coalescing, and Adsorbing Filters	Standard	3/8"	H74F-3AB-AD1-NNN-DMN	7.12 (3.23)
	Standard	1/2"	H74F-4AB-AD1-NNN-DMN	7.01 (3.18)

Alternative Models



Lockout Valve/ Quikmount	Substitute
Standard combination (no lockout valve or Quikmount)	H
With lockout valve on inlet	J
With Quikmount pipe adapters on inlet and outlet	M
With lockout valve on inlet and Quikmount pipe adapter on outlet	N

Combination Unit Type	Substitute
General purpose filter and standard coalescing filter	A
General purpose filter and high flow coalescing filter	B
General purpose filter, standard coalescing filter, and adsorbing filter	F

Port Size	Substitute
3/8"	3
1/2"	4
3/4"	6

Threads	Substitute
PTF	A
ISO Rc taper	B
ISO G parallel	G

Service Indicator	Substitute
On general purpose and coalescing filters	B
Only on coalescing filter	C
Only on general purpose filter	D
No service Indicator	N

Quikclamp Wall Brackets	Substitute
With	B
Without	N

Adsorbing Filter Bowl	Substitute
Metal, closed bottom	M
No adsorbing filter	N

Coalescing Filter Bowl	Substitute
Metal with liquid level indicator	D
Transparent with metal guard	P

Regulator Option	Substitute
Non applicable	N

Regulator Option	Substitute
Non applicable	N

Regulator Option	Substitute
Non applicable	N

General Purpose Filter Element	Substitute
5 µm	1

General Purpose Filter Bowl	Substitute
Metal with liquid level indicator	D
Transparent with guard	P

General Purpose Filter and Coalescing Filter Drain	Substitute
Automatic	A
Manual, 1/4 turn	Q

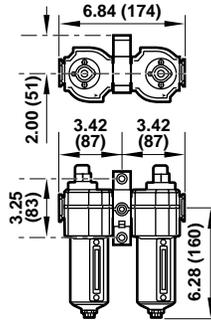


F74G, F74C/H, F74V Filter-Filter

All Dimensions in Inches (mm)

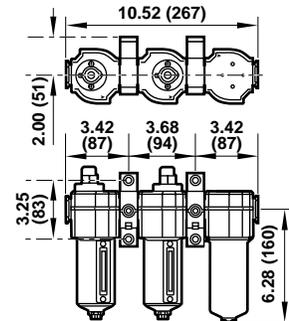
Standard Type H74A Shown (H74B Similar)

Shown with optional Quikclamp wall bracket.



Standard Type H74F

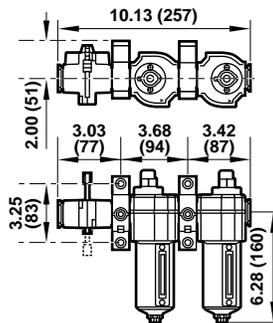
Shown with optional Quikclamp wall bracket.



Standard Type J74A Shown (J74B Similar)

Includes Shutoff/Lockout valve

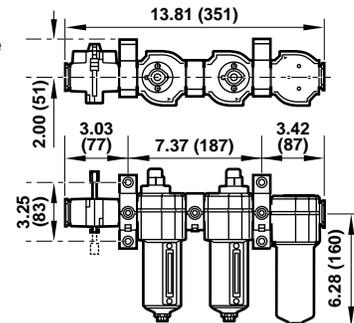
Shown with optional Quikclamp wall brackets.



Alternative Type J74F-

Includes Shutoff/Lockout valve

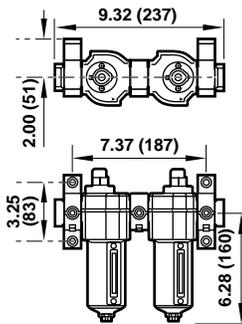
Shown with optional Quikclamp wall brackets.



Standard Type M74A Shown (M74B Similar)

Includes Quikmount pipe adapters.

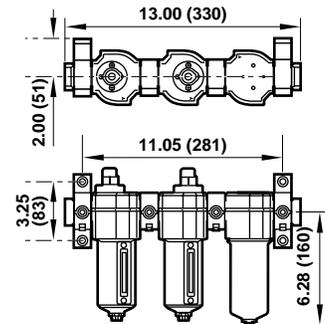
Shown with optional Quikclamp wall bracket.



Alternative Type M74F-

Includes Quikmount pipe adapters.

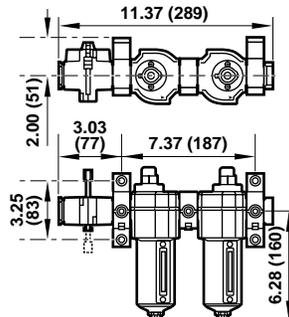
Shown with optional Quikclamp wall brackets.



Standard Type N74A Shown (N74B Similar)

Includes Shutoff/Lockout valve and Quikmount pipe adapter.

Shown with optional Quikclamp wall brackets.



Alternative Type N74F-

Includes Shutoff/Lockout valve and Quikmount pipe adapter.

Shown with optional Quikclamp wall brackets.

