

**NORGREN®**

# Excelon® Plus 82 Series Air Filters - Particulate



**Part No.**  
**F82G-3AN-AD3**



**Part No.**  
**F82G-3AN-QP3**

Excelon Plus is the latest generation of Norgren Air Preparation equipment designed to meet the needs of today's customer. It offers exceptional performance, is compact, lightweight, robust and is suitable for most industrial applications.

The Excelon Plus 82 Series general purpose filter offers 40 micron particulate removal (5 micron sold separately), with water extraction levels of >95%. Maintenance of these units is quick and easy, as the filtration cartridge remains inside the bowl when it is removed. This filter maintenance system also means that the clearance needed below the unit for maintenance is a maximum of 25mm [1 in], reducing the space envelope needed on any machine.

## Features

- Die-cast zinc or guarded polycarbonate filter bowl
- Air purity per ISO 8573-1 class 6&7 for particles and class 8 liquid water
- Unique double lock bowl design prevents bowl removal while the unit is pressurized, making Excelon Plus the safest filter on the market
- 40 micron particulate filter (5 micron filter sold separately)
- 1/4" and 3/8" PTF (FNPT - female NPT threaded ports)



Auto



Manual



See [www.AutomationDirect.com](http://www.AutomationDirect.com) for a wide variety of fitting options

## Excelon Plus 82 Series Air Filters - Particulate

Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Drain Bowl	Drain Type	Fluid	Drawing Link	Manufacturer Specs
<a href="#">F82G-2AN-AD3</a>	\$68.00	1.10	1/4"	1/4"	Die-cast zinc, sight gauge	Automatic	Air	<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F82G-2AN-AP3</a>	\$57.00	0.70			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F82G-2AN-QD3</a>	\$45.00	1.10			Die-cast zinc, sight gauge	Manual		<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F82G-2AN-QP3</a>	\$33.50	0.70			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F82G-3AN-AD3</a>	\$68.00	1.10	3/8"	3/8"	Die-cast zinc, sight gauge	Automatic		<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F82G-3AN-AP3</a>	\$57.00	0.70			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F82G-3AN-QD3</a>	\$45.00	1.10			Die-cast zinc, sight gauge	Manual		<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F82G-3AN-QP3</a>	\$33.50	0.70			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>

For additional details see manufacturer's technical specifications, manuals and inserts (where applicable).

Click on the thumbnail or go to <https://www.automationdirect.com/VID-PN-0063> for a short video on Norgren Air Prep products.





# Excelon® Plus 82 Series Air Filters - Coalescing Oil Removal



Part No.  
**F82C-3AD-AD0**



Part No.  
**F82C-3AD-QP0**

Excelon Plus is the latest generation of Norgren Air Preparation equipment designed to meet the needs of today's customer. It offers exceptional performance, is compact, lightweight, robust and is suitable for most industrial applications.

The Excelon Plus 82 series coalescing filter removes oil down to greater than 0.01mg/m<sup>3</sup> - 0.01 micron particulate removal. The pleated element design means this can be achieved in a compact envelope, while still keeping pressure drop to a minimum. It is recommended to use a 5 micron particulate filter upstream to extend coalescing filter element life.

## Features

- Die-cast zinc or guarded polycarbonate filter bowl
- 0.01 micron particulate removal
- Oil removal down to 0.01mg/m<sup>3</sup>
- Unique double lock bowl design prevents bowl removal while the unit is pressurized, making Excelon Plus the safest filter on the market
- Integrated pressure drop indicator changes color when service is needed
- 1/4" and 3/8" PTF (FNPT - female NPT threaded ports)



Auto



Manual



See [www.AutomationDirect.com](http://www.AutomationDirect.com) for a wide variety of fitting options

Excelon Plus 82 Series Air Filters - Coalescing Oil Removal									
Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Drain Bowl	Drain Type	Fluid	Drawing Link	Manufacturer Specs
<a href="#">F82C-2AD-AD0</a>	\$116.00	1.20	1/4"	1/4"	Die-cast zinc, sight gauge	Automatic	Air	<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F82C-2AD-AP0</a>	\$105.00	0.70			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F82C-2AD-QD0</a>	\$92.00	1.10			Die-cast zinc, sight gauge	Manual		<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F82C-2AD-QP0</a>	\$82.00	0.70			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F82C-3AD-AD0</a>	\$116.00	1.10	3/8"	3/8"	Die-cast zinc, sight gauge	Automatic		<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F82C-3AD-AP0</a>	\$105.00	0.70			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F82C-3AD-QD0</a>	\$92.00	1.10			Die-cast zinc, sight gauge	Manual		<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F82C-3AD-QP0</a>	\$82.00	0.70			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>

For additional details see manufacturer's technical specifications, manuals and inserts (where applicable).



Part No.  
**820044-50KIT**

Excelon Plus 82 Series Air Filters - Coalescing Oil Removal Accessories				
Part No.	Price	Description	Weight (lbs)	Manufacturer Specs
<b><u>820044-50KIT</u></b>	\$56.00	Norgren coalescing oil removal filter element, replacement, 0.01 micron particles and 0.01 mg/cubic meter oil, polyethylene. For use with Excelon 82 series coalescing filters.	0.05	<a href="#">PDF</a>

**NORGREN®**

# Excelon® Plus 82 Series Air Filters - Vapor Removal



Part No.  
**F82V-3AN-EDA**



Part No.  
**F82V-3AN-EPA**

Excelon Plus is the latest generation of Norgren Air Preparation equipment designed to meet the needs of today's customer. It offers exceptional performance, is compact, lightweight, robust and is suitable for most industrial applications.

The Excelon Plus 82 series carbon filter removes oil vapor (odor) from the compressed air supply (0.003 mg/m<sup>3</sup> remaining oil). When used together, the coalescing and activated carbon filters ensure any compressed air system can be used for the most critical industrial automation applications, and deliver air purity to class 0 according to ISO 8573-1.

## Features

- Die-cast zinc or guarded polycarbonate filter bowl
- Oil vapor (odor) removal down to 0.003 mg/m<sup>3</sup>
- 1/4" and 3/8" PTF (FNPT - female NPT threaded ports)



Filter



See [www.AutomationDirect.com](http://www.AutomationDirect.com) for a wide variety of fitting options

## Excelon Plus 82 Series Air Filters - Vapor Removal

Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Bowl	Drain Type	Fluid	Drawing Link	Manufacturer Specs
<a href="#">F82V-2AN-EDA</a>	\$92.00	1.00	1/4"	1/4"	Die-cast zinc, sight gauge	Closed bowl	Air	<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F82V-2AN-EPA</a>	\$82.00	0.70			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F82V-3AN-EDA</a>	\$92.00	1.00	3/8"	3/8"	Die-cast zinc, sight gauge			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F82V-3AN-EPA</a>	\$82.00	0.70			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>

For additional details see manufacturer's technical specifications, manuals and inserts (where applicable).



Part No.  
**820041-50KIT**

## Excelon Plus 82 Series Air Filters - Coalescing Oil Removal Accessories

Part No.	Price	Description	Weight (lbs)	Manufacturer Specs
<a href="#">820041-50KIT</a>	\$56.00	Norgren vapor removal filter element, replacement, 0.003 mg/cubic meter oil, activated carbon. For use with Excelon 82 series vapor removal filters.	0.05	<a href="#">PDF</a>

**NORGREN®**

# Excelon® Plus 84 Series Air Filters - Particulate



Part No.  
**F84G-3AN-AD3**



Part No.  
**F84G-3AN-QP3**

Excelon Plus is the latest generation of Norgren Air Preparation equipment designed to meet the needs of today's customer. It offers exceptional performance, is compact, lightweight, robust and is suitable for most industrial applications.

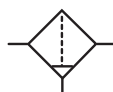
The Excelon Plus 84 Series general purpose filter offers 40 micron particulate removal (5 micron filter sold separately), with water extraction levels of >95%. Maintenance of these units is quick and easy, as the filtration cartridge remains inside the bowl when it is removed. This filter maintenance system also means that the clearance needed below the unit for maintenance is a maximum of 25mm [1 in], reducing the space envelope needed on any machine.

## Features

- Die-cast aluminum or guarded polycarbonate filter bowl
- Air purity meets ISO 8573-1:2010 [6:8:4] with 5 micron element
- Air purity meets ISO 8573-1:2010 [7:8:4] with 40 micron element
- Unique double lock bowl design prevents bowl removal while the unit is pressurized, making Excelon Plus the safest filter on the market
- 40 micron particulate filter (5 micron filter sold separately)
- 3/8", 1/2" and 3/4" PTF (FNPT - female NPT threaded ports)



Auto



Manual



See [www.AutomationDirect.com](http://www.AutomationDirect.com) for a wide variety of fitting options

Excelon Plus 84 Series Air Filters - Particulate									
Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Drain Bowl	Drain Type	Fluid	Drawing Link	Manufacturer Specs
<a href="#">F84G-3AN-AD3</a>	\$118.00	1.35	3/8"	3/8"	Die-cast aluminum with sight gauge	Automatic	Air	<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F84G-3AN-AP3</a>	\$88.00	1.00			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F84G-3AN-QD3</a>	\$88.00	1.35			Die-cast aluminum with sight gauge	Manual		<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F84G-3AN-QP3</a>	\$58.00	1.00			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F84G-4AN-AD3</a>	\$118.00	1.35	1/2"	1/2"	Die-cast aluminum with sight gauge	Automatic		<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F84G-4AN-AP3</a>	\$88.00	1.00			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F84G-4AN-QD3</a>	\$88.00	1.35			Die-cast aluminum with sight gauge	Manual		<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F84G-4AN-QP3</a>	\$58.00	1.00			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F84G-6AN-AD3</a>	\$118.00	1.35	3/4"	3/4"	Die-cast aluminum with sight gauge	Automatic		<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F84G-6AN-AP3</a>	\$88.00	1.00			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F84G-6AN-QD3</a>	\$88.00	1.35			Die-cast aluminum with sight gauge	Manual		<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F84G-6AN-QP3</a>	\$58.00	1.00			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>

For additional details see manufacturer's technical specifications, manuals and inserts (where applicable).

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# Excelon® Plus 84 Series Air Filters - Coalescing Oil Removal



Part No.  
**F84C-3AD-ADO**



Part No.  
**F84C-3AD-AP0**

Excelon Plus is the latest generation of Norgren Air Preparation equipment designed to meet the needs of today's customer. It offers exceptional performance, is compact, lightweight, robust and is suitable for most industrial applications.

The Excelon Plus 84 series coalescing filter removes oil down to greater than 0.01mg/m<sup>3</sup> - 0.01 micron particulate removal. The pleated element design means this can be achieved in a compact envelope, while still keeping pressure drop to a minimum. It is recommended to use a 5 micron particulate filter upstream to extend coalescing filter element life.

## Features

- Die-cast aluminum or guarded polycarbonate filter bowl
- 0.01 micron particulate removal (ISO 8573-1:2010 [1:7:2] with 5 micron pre-filter)
- Oil removal down to 0.01mg/m<sup>3</sup>
- Unique double lock bowl design prevents bowl removal while the unit is pressurized, making Excelon Plus the safest filter on the market
- Integrated pressure drop indicator changes color when service is needed
- 3/8", 1/2" and 3/4" PTF (FNPT - female NPT threaded ports)



See [www.AutomationDirect.com](http://www.AutomationDirect.com) for a wide variety of fitting options

## Excelon Plus 84 Series Air Filters - Coalescing Oil Removal

Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Drain Bowl	Drain Type	Fluid	Drawing Link	Manufacturer Specs
<b><u>F84C-3AD-ADO</u></b>	\$190.00	1.35	3/8"	3/8"	Die-cast aluminum with sight gauge	Automatic	Air	<a href="#">PDF</a>	<a href="#">PDF</a>
<b><u>F84C-3AD-AP0</u></b>	\$160.00	1.00			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>
<b><u>F84C-4AD-ADO</u></b>	\$190.00	1.35	1/2"	1/2"	Die-cast aluminum with sight gauge			<a href="#">PDF</a>	<a href="#">PDF</a>
<b><u>F84C-4AD-AP0</u></b>	\$160.00	1.00			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>
<b><u>F84C-6AD-ADO</u></b>	\$190.00	1.35	3/4"	3/4"	Die-cast aluminum with sight gauge			<a href="#">PDF</a>	<a href="#">PDF</a>
<b><u>F84C-6AD-AP0</u></b>	\$160.00	1.00			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>

For additional details see manufacturer's technical specifications, manuals and inserts (where applicable).



Part No.  
**840044-50KIT**

## Excelon Plus 84 Series Air Filters - Coalescing Oil Removal Accessories

Part No.	Price	Description	Weight (lbs)	Manufacturer Specs
<b><u>840044-50KIT</u></b>	\$80.00	Norgren coalescing oil removal filter element, replacement, 0.01 micron particles and 0.01 mg/cubic meter oil, polyethylene. For use with Excelon 84 series coalescing filters.	0.06	<a href="#">PDF</a>



**NORGREN®**

# Excelon® Plus 84 Series Air Filters - Vapor Removal



Part No.  
**F84V-4AN-EMA**



Part No.  
**F84V-3AN-EPA**

Excelon Plus is the latest generation of Norgren Air Preparation equipment designed to meet the needs of today's customer. It offers exceptional performance, is compact, lightweight, robust and is suitable for most industrial applications.

The Excelon Plus 84 series carbon filter removes oil vapor (odor) from the compressed air supply (0.003 mg/m<sup>3</sup> remaining oil). When used together, the coalescing and activated carbon filters ensure any compressed air system can be used for the most critical industrial automation applications, and deliver air purity to class 0 according to ISO 8573-1.

## Features

- Die-cast aluminum or guarded polycarbonate filter bowl
- Oil vapor (odor) removal down to 0.003 mg/m<sup>3</sup>
- Air purity per ISO 8573-1:2010 [1:7:0] with 5 micron particulate and coalescing pre-filters
- 3/8", 1/2" and 3/4" PTF (FNPT - female NPT threaded ports)



Filter



See [www.AutomationDirect.com](http://www.AutomationDirect.com) for a wide variety of fitting options

## Excelon Plus 84 Series Air Filters - Vapor Removal

Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Bowl	Drain Type	Fluid	Drawing Link	Manufacturer Specs
<a href="#">F84V-3AN-EMA</a>	\$160.00	1.35	3/8"	3/8"	Die-cast aluminum with sight gauge	Closed bowl	Air	<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F84V-3AN-EPA</a>	\$130.00	1.00			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F84V-4AN-EMA</a>	\$160.00	1.35	1/2"	1/2"	Die-cast aluminum with sight gauge			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F84V-4AN-EPA</a>	\$130.00	1.00			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F84V-6AN-EMA</a>	\$160.00	1.35	3/4"	3/4"	Die-cast aluminum with sight gauge			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">F84V-6AN-EPA</a>	\$130.00	1.00			Polycarbonate with bowl guard			<a href="#">PDF</a>	<a href="#">PDF</a>

For additional details see manufacturer's technical specifications, manuals and inserts (where applicable).










Part No.  
**840041-50KIT**

## Excelon Plus 84 Series Air Filters - Vapor Removal Accessories

Part No.	Price	Description	Weight (lbs)	Manufacturer Specs
<a href="#">840041-50KIT</a>	\$80.00	Norgren vapor removal filter element, replacement, 0.003 mg/cubic meter oil, activated carbon. For use with Excelon 84 series vapor removal filters.	0.07	<a href="#">PDF</a>


**NORGREN®**

# Excelon® Plus 82 Series Accessories









Excelon Plus 82 Series Accessories						
Item Photo	Part No.	Price	Description	Weight (lbs)	Drawing Link	Manufacturer Specs
	<a href="#"><u>820014-51KIT</u></a>	\$9.75	Norgren Quikclamp, for use with Excelon 82 series components.	0.07	<a href="#"><u>PDF</u></a>	<a href="#"><u>PDF</u></a>
	<a href="#"><u>820014-52KIT</u></a>	\$12.50	Norgren Quikclamp with bracket, for use with Excelon 82 series components.	0.08	<a href="#"><u>PDF</u></a>	<a href="#"><u>PDF</u></a>
	<a href="#"><u>820015-02KIT</u></a>	\$11.50	Norgren port adapter, replacement, 1/4in NPT thread. For use with Excelon 82 series components.	0.07	N/A	<a href="#"><u>PDF</u></a>
	<a href="#"><u>820015-03KIT</u></a>	\$11.50	Norgren port adapter, replacement, 3/8in NPT thread. For use with Excelon 82 series components.	0.07	N/A	<a href="#"><u>PDF</u></a>
	<a href="#"><u>820024-50KIT</u></a>	\$9.50	Norgren mounting bracket, for use with Excelon 82 series components.	0.06	<a href="#"><u>PDF</u></a>	<a href="#"><u>PDF</u></a>
	<a href="#"><u>820038-50KIT</u></a>	\$14.50	Norgren particulate filter element, replacement, 5 micron particles, polypropylene. For use with Excelon 82 series particulate filters.	0.05	N/A	<a href="#"><u>PDF</u></a>
	<a href="#"><u>820038-51KIT</u></a>	\$14.50	Norgren particulate filter element, replacement, 40 micron particles, polypropylene. For use with Excelon 82 series particulate filters.	0.05	N/A	<a href="#"><u>PDF</u></a>

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# Excelon® Plus 84 Series Accessories

Excelon Plus 84 Series Accessories						
Item Photo	Part No.	Price	Description	Weight (lbs)	Drawing Link	Manufacturer Specs
	<a href="#"><u>840014-51KIT</u></a>	\$14.50	Norgren Quikclamp, for use with Excelon 84 series components.	0.08	<a href="#"><u>PDF</u></a>	<a href="#"><u>PDF</u></a>
	<a href="#"><u>840014-52KIT</u></a>	\$18.50	Norgren Quikclamp with bracket, for use with Excelon 84 series components.	0.06	<a href="#"><u>PDF</u></a>	<a href="#"><u>PDF</u></a>
	<a href="#"><u>840015-02KIT</u></a>	\$27.50	Norgren port adapter, replacement, 3/8in NPT thread. For use with Excelon 84 series components.	0.07	N/A	<a href="#"><u>PDF</u></a>
	<a href="#"><u>840015-03KIT</u></a>	\$27.50	Norgren port adapter, replacement, 1/2in NPT thread. For use with Excelon 84 series components.	0.07	N/A	<a href="#"><u>PDF</u></a>
	<a href="#"><u>840015-04KIT</u></a>	\$27.50	Norgren port adapter, replacement, 3/4in NPT thread. For use with Excelon 84 series components.	0.07	N/A	<a href="#"><u>PDF</u></a>
	<a href="#"><u>840024-50KIT</u></a>	\$16.00	Norgren mounting bracket, for use with Excelon 84 series components.	0.06	<a href="#"><u>PDF</u></a>	<a href="#"><u>PDF</u></a>
	<a href="#"><u>840038-50KIT</u></a>	\$22.50	Norgren particulate filter element, replacement, 5 micron particles, polypropylene. For use with Excelon 84 series particulate filters.	0.05	N/A	<a href="#"><u>PDF</u></a>
	<a href="#"><u>840038-51KIT</u></a>	\$22.50	Norgren particulate filter element, replacement, 40 micron particles, polypropylene. For use with Excelon 84 series particulate filters.	0.05	N/A	<a href="#"><u>PDF</u></a>

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