



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.

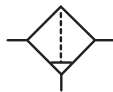
The Excelon Plus 82 Series general purpose filter offers 40 micron particulate removal (5 micron sold separately), with water extraction levels of >95%. Maintenance of these units is quick and easy, as the filtration cartridge remains inside the bowl when it is removed. This filter maintenance system 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 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
F82G-2AN-AD3	\$68.00	1.10	1/4"	1/4"	Die-cast zinc, sight gauge	Automatic	Air	PDF	PDF
F82G-2AN-AP3	\$57.00	0.70			Polycarbonate with bowl guard			PDF	PDF
F82G-2AN-QD3	\$45.00	1.10			Die-cast zinc, sight gauge	Manual		PDF	PDF
F82G-2AN-QP3	\$33.50	0.70			Polycarbonate with bowl guard			PDF	PDF
F82G-3AN-AD3	\$68.00	1.10	3/8"	3/8"	Die-cast zinc, sight gauge	Automatic		PDF	PDF
F82G-3AN-AP3	\$57.00	0.70			Polycarbonate with bowl guard			PDF	PDF
F82G-3AN-QD3	\$45.00	1.10			Die-cast zinc, sight gauge	Manual		PDF	PDF
F82G-3AN-QP3	\$33.50	0.70			Polycarbonate with bowl guard			PDF	PDF

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-ADO



Part No.
F82C-3AD-QPO

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/m³ - 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/m³
- 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 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
F82C-2AD-ADO	\$116.00	1.20	1/4"	1/4"	Die-cast zinc, sight gauge	Automatic	Air	PDF	PDF
F82C-2AD-AP0	\$105.00	0.70			Polycarbonate with bowl guard			PDF	PDF
F82C-2AD-QD0	\$92.00	1.10			Die-cast zinc, sight gauge	Manual		PDF	PDF
F82C-2AD-QP0	\$82.00	0.70			Polycarbonate with bowl guard			PDF	PDF
F82C-3AD-ADO	\$116.00	1.10	3/8"	3/8"	Die-cast zinc, sight gauge	Automatic		PDF	PDF
F82C-3AD-AP0	\$105.00	0.70			Polycarbonate with bowl guard			PDF	PDF
F82C-3AD-QD0	\$92.00	1.10			Die-cast zinc, sight gauge	Manual		PDF	PDF
F82C-3AD-QP0	\$82.00	0.70			Polycarbonate with bowl guard			PDF	PDF

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
820044-50KIT	\$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	PDF



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/m³ 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/m³
- 1/4" and 3/8" PTF (FNPT - female NPT threaded ports)



Filter



See 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
F82V-2AN-EDA	\$92.00	1.00	1/4"	1/4"	Die-cast zinc, sight gauge	Closed bowl	Air	PDF	PDF
F82V-2AN-EPA	\$82.00	0.70			Polycarbonate with bowl guard			PDF	PDF
F82V-3AN-EDA	\$92.00	1.00	3/8"	3/8"	Die-cast zinc, sight gauge			PDF	PDF
F82V-3AN-EPA	\$82.00	0.70			Polycarbonate with bowl guard			PDF	PDF

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
820041-50KIT	\$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	PDF



Excelon® Plus 82 Series Air Regulators



Part No.
R82G-2AK-RFG



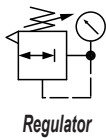
Part No.
R82G-3AK-RMG

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.

With primary pressure up to 300psi (20bar) Excelon Plus 82 series regulators offer outlet pressure ranges of 58psi (4bar) and 145psi (10bar). The adjustment knob is pulled up to show a red band while pressure is adjusted. Pushing the knob down after reaching the desired pressure reveals a padlock hole allowing the regulator to be locked very easily.

Features

- Adjustable outlet pressure range of 4-58 psi (0.28-4 bar) or 4-145 psi (0.28-10 bar)
- Lockable adjustment knob
- Integrated pressure gauge
- 1/4" and 3/8" PTF (FNPT - female NPT threaded ports)



See www.AutomationDirect.com for a wide variety of fitting options

Excelon Plus 82 Series Air Regulators								
Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Range	Fluid	Drawing Link	Manufacturer Specs
R82G-2AK-RFG	\$43.00	0.90	1/4"	1/4"	4 - 58 psi (0.28 - 4 bar)	Air	PDF	PDF
R82G-2AK-RMG	\$43.00	0.90			4 - 145 psi (0.28 - to 10 bar)		PDF	PDF
R82G-3AK-RFG	\$43.00	0.90	3/8"	3/8"	4 - 58 psi (0.28 - 4 bar)		PDF	PDF
R82G-3AK-RMG	\$43.00	0.90			4 - 145 psi (0.28 - to 10 bar)		PDF	PDF

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 Filter Regulators



Part No.
B82G-3AK-AD3-RMG



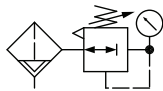
Part No.
B82G-3AK-QP3-RMG

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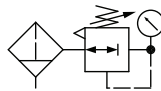
The 82 series filter regulators combine all the features of the general purpose air filters and regulators including built in padlock feature, in-bowl filtration cartridge removal and bowl double safety lock.

Features

- Adjustable outlet pressure range of 4-145 psi [0.2-10 bar]
- Lockable adjustment knob
- Integrated pressure gauge
- Die-cast zinc or guarded polycarbonate filter bowls
- Air purity per ISO 8573-1 class 6&7 for particles and class 8 liquid water
- 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 for a wide variety of fitting options

Excelon Plus 82 Series Air Filter Regulators									
Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Drain Bowl	Drain Type	Fluid	Drawing Link	Manufacturer Specs
B82G-2AK-AD3-RMG	\$100.00	1.25	1/4"	1/4"	Die-cast zinc with sight gauge	Automatic	Air	PDF	PDF
B82G-2AK-AP3-RMG	\$87.00	0.80			Polycarbonate with bowl guard			PDF	PDF
B82G-2AK-QD3-RMG	\$76.00	1.25			Die-cast zinc with sight gauge	Manual		PDF	PDF
B82G-2AK-QP3-RMG	\$65.00	0.80			Polycarbonate with bowl guard			PDF	PDF
B82G-3AK-AD3-RMG	\$100.00	1.25	3/8"	3/8"	Die-cast zinc with sight gauge	Automatic		PDF	PDF
B82G-3AK-AP3-RMG	\$87.00	0.80			Polycarbonate with bowl guard			PDF	PDF
B82G-3AK-QD3-RMG	\$76.00	1.25			Die-cast zinc with sight gauge	Manual		PDF	PDF
B82G-3AK-QP3-RMG	\$65.00	0.80			Polycarbonate with bowl guard			PDF	PDF

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

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Excelon® Plus 82 Series Air Micro-fog® Lubricators



Part No.
L82M-2AP-EDN



Part No.
L82M-3AP-EPN

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 Micro-fog lubricator has a unique micro mist fog generator built in to the unit creating very fine mist particles - less than 2 micron. These particles are suspended in the air line and can travel very long distances and lubricate very complex air pathways. They allow very fine control, ensuring that the systems are not over lubricated - a common problem with intricate pneumatic circuits, and are perfect for small rapidly moving applications.

Features

- Die-cast zinc or guarded polycarbonate bowl
- 2 micron oil mist particles for fine control
- 1/4" and 3/8" PTF (FNPT - female NPT threaded ports)



Lubricator



See www.AutomationDirect.com for a wide variety of fitting options

Excelon Plus 82 Series Air Micro Fog Lubricators								
Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Bowl	Fluid	Drawing Link	Manufacturer Specs
<u>L82M-2AP-EDN</u>	\$57.00	1.00	1/4"	1/4"	Die-cast zinc, sight gauge	Air	PDF	PDF
<u>L82M-2AP-EPN</u>	\$44.00	0.80			Polycarbonate with bowl guard		PDF	PDF
<u>L82M-3AP-EDN</u>	\$57.00	1.00	3/8"	3/8"	Die-cast zinc, sight gauge		PDF	PDF
<u>L82M-3AP-EPN</u>	\$44.00	0.80			Polycarbonate with bowl guard		PDF	PDF

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

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Excelon® Plus 82 Series Air Manual Shut-Off Pressure Relief Valves



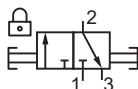
Part No.
T82T-3AA-B1N

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 lockable shut-off valve is available in a 3-way/2-position configuration with threaded exhaust and red knob. It is a full flow rotating ball valve and the restricted 1/4" NPT exhaust port allows fitting a silencer or piping the exhaust away. The valve has a 'pop up' padlock feature allowing the valve to be locked in the closed position for safety.

Features

- Downstream pressure is relieved when valve is closed
- 1/4" and 3/8" PTF (FNPT - female NPT threaded ports)



Shut-Off Pressure Relief Valve



See www.AutomationDirect.com for a wide variety of fitting options

Excelon Plus 82 Series Air Manual Shut-Off Pressure Relief Valves									
Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Exhaust Port (NPT)	Cv	Fluid	Drawing Link	Manufacturer Specs
<u>T82T-2AA-B1N</u>	\$42.00	0.50	1/4"	1/4"	1/4"	3.6	Air	PDF	PDF
<u>T82T-3AA-B1N</u>	\$42.00	0.50	3/8"	3/8"	1/4"	3.2		PDF	PDF

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 Combination Filter Regulator Lubricators



Part No.
BL82-301A



Part No.
BL82-371A

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.

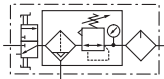
Excelon Plus combination units come pre-assembled and ready to use. They include a filter regulator, lubricator and manual shutoff valve.

Features

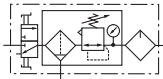
- Die-cast zinc or guarded polycarbonate bowls
- 4 to 145 psi (0.28 to 10 bar) pressure range
- 1/4" or 3/8" PTF (FNPT - female NPT threaded ports)



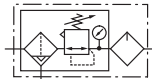
See www.AutomationDirect.com for a wide variety of fitting options



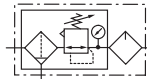
Auto w/Shut-Off Valve



Manual w/Shut-Off Valve



Auto w/o Shut-Off Valve



Manual w/o Shut-Off Valve

Excelon Plus 82 Series Air Combination Filter Regulator Lubricators										
Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Drain Bowl	Drain Type	Shutoff	Fluid	Drawing Link	Manufacturer Specs
BL82-201A	\$197.00	2.10	1/4"	1/4"	Polycarbonate with bowl guard	Automatic	Manual	Air	PDF	PDF
BL82-221A	\$175.00	2.10				Manual			PDF	PDF
BL82-251A	\$222.00	3.10			Die-cast zinc	Automatic			PDF	PDF
BL82-271A	\$198.00	2.10				Manual			PDF	PDF
BL82-301A	\$197.00	2.10	3/8"	3/8"	Polycarbonate with bowl guard	Automatic			PDF	PDF
BL82-321A	\$175.00	2.10				Manual			PDF	PDF
BL82-351A	\$222.00	2.10			Die-cast zinc	Automatic			PDF	PDF
BL82-371A	\$198.00	3.10				Manual			PDF	PDF

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.

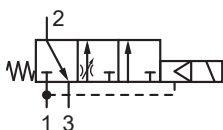




Excelon® Plus 82 Series Air Soft Start/ Dump Valves



Part No.
P82F-3AT-PFA



Soft Start/Dump
Valve

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.

Excelon Plus 82 series soft start dump valve allows downstream pressure to gradually rise on initial start up, before fully opening to deliver line pressure. The dump function allows the system to be exhausted quickly when required, particularly in the event of a power failure or emergency stop.

Features

- 24VDC solenoid valve with DIN 43650 Form C (8mm) plug
- High flow dump capacity
- 1/4" and 3/8" PTF (FNPT - female NPT threaded ports)
- Includes field wireable DIN connector



See www.AutomationDirect.com for a wide variety of fitting options

Excelon Plus 82 Series Air Soft Start/Dump Valves									
Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Cv	Operating Voltage	Fluid	Drawing Link	Manufacturer Specs
P82F-2AT-PFA	\$217.00	1.10	1/4"	1/4"	1.7	24VDC	Air	PDF	PDF
P82F-3AT-PFA	\$218.00	1.10	3/8"	3/8"	1.8			PDF	PDF

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.

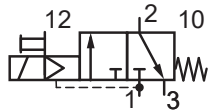




Excelon® Plus 82 Series Air Control Valves



Part No.
P82C-3AT-PFA



Air Control Valve

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.

Excelon Plus 82 series control valve uses a 24VDC solenoid to operate. In the off position, downstream system pressure is routed through the tapped exhaust port.

Features

- 24VDC solenoid valve with DIN 43650 Form C (8mm) plug
- High flow dump capacity
- 1/4" and 3/8" PTF (FNPT - female NPT threaded ports)
- Includes field wireable DIN connector



See www.AutomationDirect.com for a wide variety of fitting options

Excelon Plus 82 Series Air Control Valves

Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Exhaust Port (NPT)	Cv	Operating Voltage	Fluid	Drawing Link	Manufacturer Specs
<u>P82C-2AT-PFA</u>	\$164.00	1.05	1/4"	1/4"	1/4"	1.6	24VDC	Air	PDF	PDF
<u>P82C-3AT-PFA</u>	\$164.00	1.05	3/8"	3/8"	1/4"	1.8			PDF	PDF








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Excelon® Plus 82 Series Accessories

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

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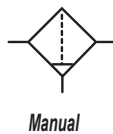
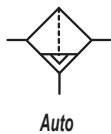
Excelon® Plus 84 Series Air Filters - Particulate



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)



See 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
F84G-3AN-AD3	\$118.00	1.35	3/8"	3/8"	Die-cast aluminum with sight gauge	Automatic	Air	PDF	PDF
F84G-3AN-AP3	\$88.00	1.00			Polycarbonate with bowl guard			PDF	PDF
F84G-3AN-QD3	\$88.00	1.35			Die-cast aluminum with sight gauge	Manual		PDF	PDF
F84G-3AN-QP3	\$58.00	1.00			Polycarbonate with bowl guard			PDF	PDF
F84G-4AN-AD3	\$118.00	1.35	1/2"	1/2"	Die-cast aluminum with sight gauge	Automatic		PDF	PDF
F84G-4AN-AP3	\$88.00	1.00			Polycarbonate with bowl guard			PDF	PDF
F84G-4AN-QD3	\$88.00	1.35			Die-cast aluminum with sight gauge	Manual		PDF	PDF
F84G-4AN-QP3	\$58.00	1.00			Polycarbonate with bowl guard			PDF	PDF
F84G-6AN-AD3	\$118.00	1.35	3/4"	3/4"	Die-cast aluminum with sight gauge	Automatic	PDF	PDF	
F84G-6AN-AP3	\$88.00	1.00			Polycarbonate with bowl guard		PDF	PDF	
F84G-6AN-QD3	\$88.00	1.35			Die-cast aluminum with sight gauge	Manual	PDF	PDF	
F84G-6AN-QP3	\$58.00	1.00			Polycarbonate with bowl guard		PDF	PDF	

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 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/m³ - 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/m³
- 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 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
<u>F84C-3AD-ADO</u>	\$190.00	1.35	3/8"	3/8"	Die-cast aluminum with sight gauge	Automatic	Air	<u>PDF</u>	<u>PDF</u>
<u>F84C-3AD-AP0</u>	\$160.00	1.00			Polycarbonate with bowl guard			<u>PDF</u>	<u>PDF</u>
<u>F84C-4AD-ADO</u>	\$190.00	1.35	1/2"	1/2"	Die-cast aluminum with sight gauge			<u>PDF</u>	<u>PDF</u>
<u>F84C-4AD-AP0</u>	\$160.00	1.00			Polycarbonate with bowl guard			<u>PDF</u>	<u>PDF</u>
<u>F84C-6AD-ADO</u>	\$190.00	1.35	3/4"	3/4"	Die-cast aluminum with sight gauge			<u>PDF</u>	<u>PDF</u>
<u>F84C-6AD-AP0</u>	\$160.00	1.00			Polycarbonate with bowl guard			<u>PDF</u>	<u>PDF</u>

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
<u>840044-50KIT</u>	\$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	<u>PDF</u>



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/m³ 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/m³
- 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 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
F84V-3AN-EMA	\$160.00	1.35	3/8"	3/8"	Die-cast aluminum with sight gauge	Closed bowl	Air	PDF	PDF
F84V-3AN-EPA	\$130.00	1.00			Polycarbonate with bowl guard			PDF	PDF
F84V-4AN-EMA	\$160.00	1.35	1/2"	1/2"	Die-cast aluminum with sight gauge			PDF	PDF
F84V-4AN-EPA	\$130.00	1.00			Polycarbonate with bowl guard			PDF	PDF
F84V-6AN-EMA	\$160.00	1.35	3/4"	3/4"	Die-cast aluminum with sight gauge			PDF	PDF
F84V-6AN-EPA	\$130.00	1.00			Polycarbonate with bowl guard			PDF	PDF

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
840041-50KIT	\$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	PDF



Excelon® Plus 84 Series Air Regulators



Part No.
R84G-3AK-RMG

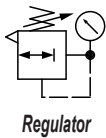
Part No.
R84G-6AK-RMG

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.

With primary pressure up to 300psi (20bar) Excelon Plus 84 series regulators offer outlet pressure ranges of 58psi (4bar) and 145psi (10bar). The adjustment knob is pulled up to show a red band while pressure is adjusted. Pushing the knob down after reaching the desired pressure reveals a padlock hole allowing the regulator to be locked very easily.

Features

- Adjustable outlet pressure range 4-145 psi (0.28-10 bar)
- Lockable adjustment knob
- Integrated pressure gauge
- 3/8", 1/2" and 3/4" PTF (FNPT - female NPT threaded ports)



See www.AutomationDirect.com for a wide variety of fitting options

Excelon Plus 84 Series Air Regulators								
Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Range	Fluid	Drawing Link	Manufacturer Specs
<u>R84G-3AK-RMG</u>	\$86.00	1.40	3/8"	3/8"	4 - 145 psi (0.28 - to 10 bar)	Air	<u>PDF</u>	<u>PDF</u>
<u>R84G-4AK-RMG</u>	\$86.00	1.40	1/2"	1/2"			<u>PDF</u>	<u>PDF</u>
<u>R84G-6AK-RMG</u>	\$86.00	1.40	3/4"	3/4"			<u>PDF</u>	<u>PDF</u>

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 84 Series Air Filter Regulators



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.

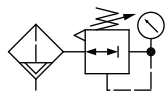
The 84 series filter regulators combine all the features of the general purpose air filters and regulators including built in padlock feature, in-bowl filtration cartridge removal and bowl double safety lock.

Features

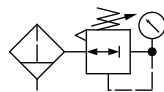
- Adjustable outlet pressure range of 4-145 psi [0.2-10 bar]
- Lockable adjustment knob
- Integrated pressure gauge
- Die-cast aluminum or guarded polycarbonate filter bowls
- Air purity meets ISO 8573-1:2010 [6:8:4] with 5 micron element
- Air purity meets ISO 8573-1:2010 [7:8:4] with 40 micron element
- 40 micron particulate filter (5 micron filter sold separately)
- 3/8", 1/2" and 3/4" PTF (FNPT - female NPT threaded ports)

Part No.
B84G-3AK-AD3-RMG

Part No.
B84G-3AK-QP3-RMG



Auto



Manual



See www.AutomationDirect.com for a wide variety of fitting options

Excelon Plus 84 Series Air Filter Regulators									
Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Drain Bowl	Drain Type	Fluid	Drawing Link	Manufacturer Specs
B84G-3AK-AD3-RMG	\$175.00	2.10	3/8"	3/8"	Die-cast aluminum with sight gauge	Automatic	Air	PDF	PDF
B84G-3AK-AP3-RMG	\$145.00	1.75			Polycarbonate bowl with bowl guard			PDF	PDF
B84G-3AK-QD3-RMG	\$145.00	2.10			Die-cast aluminum with sight gauge	Manual		PDF	PDF
B84G-3AK-QP3-RMG	\$116.00	1.75			Polycarbonate bowl with bowl guard			PDF	PDF
B84G-4AK-AD3-RMG	\$175.00	2.10	1/2"	1/2"	Die-cast aluminum with sight gauge	Automatic		PDF	PDF
B84G-4AK-AP3-RMG	\$145.00	1.75			Polycarbonate bowl with bowl guard			PDF	PDF
B84G-4AK-QD3-RMG	\$145.00	2.10			Die-cast aluminum with sight gauge	Manual		PDF	PDF
B84G-4AK-QP3-RMG	\$116.00	1.75			Polycarbonate bowl with bowl guard			PDF	PDF
B84G-6AK-AD3-RMG	\$175.00	2.10	3/4"	3/4"	Die-cast aluminum with sight gauge	Automatic	PDF	PDF	
B84G-6AK-AP3-RMG	\$145.00	1.75			Polycarbonate bowl with bowl guard		PDF	PDF	
B84G-6AK-QD3-RMG	\$145.00	2.10			Die-cast aluminum with sight gauge	Manual	PDF	PDF	
B84G-6AK-QP3-RMG	\$116.00	1.75			Polycarbonate bowl with bowl guard		PDF	PDF	

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 84 Series Air Micro-fog® Lubricators



Part No.
L84M-3AP-EPN



Part No.
L84M-6AP-EPN

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 Micro-fog lubricator has a unique micro mist fog generator built in to the unit creating very fine mist particles - less than 2 micron. These particles are suspended in the air line and can travel very long distances and lubricate very complex air pathways. They allow very fine control, ensuring that the systems are not over lubricated - a common problem with intricate pneumatic circuits, and are perfect for small rapidly moving applications.

Features

- Guarded polycarbonate bowl
- 2 micron oil mist particles for fine control
- 3/8", 1/2" and 3/4" PTF (FNPT - female NPT threaded ports)



See www.AutomationDirect.com for a wide variety of fitting options



Lubricator

Excelon Plus 84 Series Air Micro Fog Lubricators									
Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Bowl	Fluid	Drawing Link	Manufacturer Specs	
<u>L84M-3AP-EPN</u>	\$66.00	1.00	3/8"	3/8"	Polycarbonate with bowl guard	Air	<u>PDF</u>	<u>PDF</u>	
<u>L84M-4AP-EPN</u>	\$66.00	1.00	1/2"	1/2"			<u>PDF</u>	<u>PDF</u>	
<u>L84M-6AP-EPN</u>	\$66.00	1.00	3/4"	3/4"			<u>PDF</u>	<u>PDF</u>	

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

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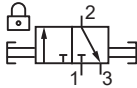




Excelon® Plus 84 Series Air - Manual Shut-Off Pressure Relief Valves



Part No.
T84T-3AA-B1N



**Shut-Off Pressure
Relief Valve**

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 lockable shut-off valve is available in a 3-way/2-position configuration with threaded exhaust and red knob. It is a full flow rotating ball valve and the restricted 1/4" NPT exhaust port allows fitting a silencer or piping the exhaust away. The valve has a 'pop up' padlock feature allowing the valve to be locked in the closed position for safety.

Features

- Downstream pressure is relieved when valve is closed
- 3/8", 1/2" and 3/4" PTF (FNPT - female NPT threaded ports)



See www.AutomationDirect.com for a wide variety of fitting options

Excelon Plus 84 Series Air Manual Shut-Off Pressure Relief Valves

Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Exhaust Port (NPT)	Cv	Fluid	Drawing Link	Manufacturer Specs
<u>T84T-3AA-B1N</u>	\$57.00	1.20	3/8"	3/8"	1/4"	12.8	Air	PDF	PDF
<u>T84T-4AA-B1N</u>	\$57.00	1.20	1/2"	1/2"	1/4"			PDF	PDF
<u>T84T-6AA-B1N</u>	\$57.00	1.20	3/4"	3/4"	1/4"			PDF	PDF

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 84 Series Air Combination Filter Regulator Lubricators



Part No.
BL84-301A



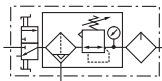
Part No.
BL84-351A

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.

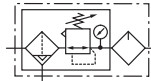
Excelon Plus combination units come pre-assembled and ready to use. They include a filter regulator, lubricator and manual shutoff valve.

Features

- Die-cast aluminum or guarded polycarbonate bowls
- 4 to 145 psi (0.28 to 10 bar) pressure range
- 3/8", 1/2" and 3/4" PTF (FNPT - female NPT threaded ports)



Auto w/Shut-Off Valve



Auto w/o Shut-Off Valve



See www.AutomationDirect.com for a wide variety of fitting options

Excelon Plus 84 Series Air Combination Filter Regulator Lubricators										
Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Drain Bowl	Drain Type	Shutoff	Fluid	Drawing Link	Manufacturer Specs
<u>BL84-301A</u>	\$304.00	3.90	3/8"	3/8"	Polycarbonate	Automatic	Manual	Air	<u>PDF</u>	<u>PDF</u>
<u>BL84-351A</u>	\$361.00	4.80			Die-cast aluminum				<u>PDF</u>	<u>PDF</u>
<u>BL84-401A</u>	\$304.00	3.90	1/2"	1/2"	Polycarbonate				<u>PDF</u>	<u>PDF</u>
<u>BL84-451A</u>	\$361.00	4.80			Die-cast aluminum				<u>PDF</u>	<u>PDF</u>
<u>BL84-601A</u>	\$304.00	3.90	3/4"	3/4"	Polycarbonate				<u>PDF</u>	<u>PDF</u>
<u>BL84-651A</u>	\$361.00	4.80			Die-cast aluminum				<u>PDF</u>	<u>PDF</u>

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

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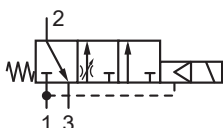




Excelon® Plus 84 Series Air Soft Start/ Dump Valves



Part No.
P84F-3AT-PFA



Soft Start/Dump
Valve

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.

Excelon Plus 84 series soft start dump valve allows downstream pressure to gradually rise on initial start up, before fully opening to deliver line pressure. The dump function allows the system to be exhausted quickly when required, particularly in the event of a power failure or emergency stop.

Features

- 24VDC solenoid valve with DIN 43650 Form C (8mm) plug
- High flow dump capacity
- 3/8", 1/2" and 3/4" PTF (FNPT - female NPT threaded ports)
- Includes field wireable DIN connector



See www.AutomationDirect.com for a wide variety of fitting options

Excelon Plus 84 Series Air Soft Start/Dump Valves										
Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Exhaust Port (NPT)	Cv	Operating Voltage	Fluid	Drawing Link	Manufacturer Specs
P84F-3AT-PFA	\$304.00	2.50	3/8"	3/8"	1/2"	2.9	24VDC	Air	PDF	PDF
P84F-4AT-PFA	\$302.00	2.50	1/2"	1/2"	1/2"	4.0			PDF	PDF
P84F-6AT-PFA	\$304.00	2.50	3/4"	3/4"	1/2"				PDF	PDF

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.

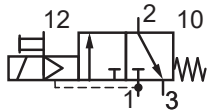




Excelon® Plus 84 Series Air Control Valves



Part No.
P84C-3AT-PFA



Air Control Valve

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.

Excelon Plus 84 series control valve uses a 24VDC to operate. In the off position, downstream system pressure is routed through the tapped exhaust port.

Features

- 24VDC solenoid valve with DIN 43650 Form C (8mm) plug
- High flow dump capacity
- 3/8", 1/2" and 3/4" PTF (FNPT - female NPT threaded ports)
- Includes field wireable DIN connector



See www.AutomationDirect.com for a wide variety of fitting options

Excelon Plus 84 Series Air Control Valves										
Part No.	Price	Weight (lbs)	Inlet(s) (NPT)	Outlet(s) (NPT)	Exhaust Port (NPT)	Cv	Operating Voltage	Fluid	Drawing Link	Manufacturer Specs
P84C-3AT-PFA	\$215.00	2.35	3/8"	3/8"	1/2"	3.0	24VDC	Air	PDF	PDF
P84C-4AT-PFA	\$212.00	2.35	1/2"	1/2"	1/2"	4.6			PDF	PDF
P84C-6AT-PFA	\$215.00	2.35	3/4"	3/4"	1/2"				PDF	PDF









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.




NORGREN

Excelon® Plus 84 Series Accessories

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

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