

**NORGREN®**

# Excelon® Plus 82 Series Air Filter Regulators



**Part No.**  
**B82G-3AK-AD3-RMG**



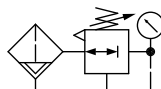
**Part No.**  
**B82G-3AK-QP3-RMG**

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.

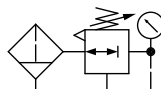
The 82 series filter regulators combine all the features of the general purpose air filters and regulators including built in padlock feature, in-bowl filtration cartridge removal and bowl double safety lock.

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

## Excelon Plus 82 Series Air Filter Regulators

| Part No.                         | Price    | Weight (lbs) | Inlet(s)<br>(NPT) | Outlet(s)<br>(NPT) | Drain Bowl                     | Drain Type                    | Fluid | Drawing<br>Link     | Manufacturer<br>Specs |
|----------------------------------|----------|--------------|-------------------|--------------------|--------------------------------|-------------------------------|-------|---------------------|-----------------------|
| <a href="#">B82G-2AK-AD3-RMG</a> | \$0540u: | 1.25         | 1/4"              | 1/4"               | Die-cast zinc with sight gauge | Automatic                     | Air   | <a href="#">PDF</a> | <a href="#">PDF</a>   |
| <a href="#">B82G-2AK-AP3-RMG</a> | \$540v:  | 0.80         |                   |                    | Polycarbonate with bowl guard  |                               |       | <a href="#">PDF</a> | <a href="#">PDF</a>   |
| <a href="#">B82G-2AK-QD3-RMG</a> | \$540x:  | 1.25         |                   |                    | Manual                         | <a href="#">PDF</a>           |       | <a href="#">PDF</a> |                       |
| <a href="#">B82G-2AK-QP3-RMG</a> | \$540y:  | 0.80         |                   |                    |                                | Polycarbonate with bowl guard |       | <a href="#">PDF</a> | <a href="#">PDF</a>   |
| <a href="#">B82G-3AK-AD3-RMG</a> | \$0540z: | 1.25         | 3/8"              | 3/8"               | Die-cast zinc with sight gauge | Automatic                     |       | <a href="#">PDF</a> | <a href="#">PDF</a>   |
| <a href="#">B82G-3AK-AP3-RMG</a> | \$;540]: | 0.80         |                   |                    | Polycarbonate with bowl guard  |                               |       | <a href="#">PDF</a> | <a href="#">PDF</a>   |
| <a href="#">B82G-3AK-QD3-RMG</a> | \$;540[: | 1.25         |                   |                    | Manual                         | <a href="#">PDF</a>           |       | <a href="#">PDF</a> |                       |
| <a href="#">B82G-3AK-QP3-RMG</a> | \$540_:  | 0.80         |                   |                    |                                | 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 Filter Regulators



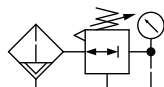
Excelon Plus is the latest generation of Norgren Air Preparation equipment designed to meet the needs of today's customer. It offers exceptional performance, is compact, lightweight, robust and is suitable for most industrial applications.

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

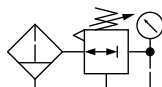
- Adjustable outlet pressure range of 4-145 psi [0.2-10 bar]
- Lockable adjustment knob
- Integrated pressure gauge
- Die-cast aluminum or guarded polycarbonate filter bowls
- Air purity meets ISO 8573-1:2010 [6:8:4] with 5 micron element
- Air purity meets ISO 8573-1:2010 [7:8:4] with 40 micron element
- 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**



Auto

Part No.  
**B84G-3AK-QP3-RMG**



Manual



See [www.AutomationDirect.com](http://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  |
|----------------------------------|-----------|--------------|----------------|-----------------|------------------------------------|------------|-------|---------------------|---------------------|
| <a href="#">B84G-3AK-AD3-RMG</a> | \$05423:  | 2.10         | 3/8"           | 3/8"            | Die-cast aluminum with sight gauge | Automatic  | Air   | <a href="#">PDF</a> | <a href="#">PDF</a> |
| <a href="#">B84G-3AK-AP3-RMG</a> | \$05428:  | 1.75         |                |                 | Polycarbonate bowl with bowl guard |            |       | <a href="#">PDF</a> | <a href="#">PDF</a> |
| <a href="#">B84G-3AK-QD3-RMG</a> | \$05429:  | 2.10         |                |                 | Die-cast aluminum with sight gauge | Manual     |       | <a href="#">PDF</a> | <a href="#">PDF</a> |
| <a href="#">B84G-3AK-QP3-RMG</a> | \$0542a:  | 1.75         |                |                 | Polycarbonate bowl with bowl guard |            |       | <a href="#">PDF</a> | <a href="#">PDF</a> |
| <a href="#">B84G-4AK-AD3-RMG</a> | \$0542b:  | 2.10         | 1/2"           | 1/2"            | Die-cast aluminum with sight gauge | Automatic  |       | <a href="#">PDF</a> | <a href="#">PDF</a> |
| <a href="#">B84G-4AK-AP3-RMG</a> | \$0542c:  | 1.75         |                |                 | Polycarbonate bowl with bowl guard |            |       | <a href="#">PDF</a> | <a href="#">PDF</a> |
| <a href="#">B84G-4AK-QD3-RMG</a> | \$0542d:  | 2.10         |                |                 | Die-cast aluminum with sight gauge | Manual     |       | <a href="#">PDF</a> | <a href="#">PDF</a> |
| <a href="#">B84G-4AK-QP3-RMG</a> | \$0542e:  | 1.75         |                |                 | Polycarbonate bowl with bowl guard |            |       | <a href="#">PDF</a> | <a href="#">PDF</a> |
| <a href="#">B84G-6AK-AD3-RMG</a> | \$.0542f: | 2.10         | 3/4"           | 3/4"            | Die-cast aluminum with sight gauge | Automatic  |       | <a href="#">PDF</a> | <a href="#">PDF</a> |
| <a href="#">B84G-6AK-AP3-RMG</a> | \$0542g:  | 1.75         |                |                 | Polycarbonate bowl with bowl guard |            |       | <a href="#">PDF</a> | <a href="#">PDF</a> |
| <a href="#">B84G-6AK-QD3-RMG</a> | \$0542h:  | 2.10         |                |                 | Die-cast aluminum with sight gauge | Manual     |       | <a href="#">PDF</a> | <a href="#">PDF</a> |
| <a href="#">B84G-6AK-QP3-RMG</a> | \$.0542i: | 1.75         |                |                 | Polycarbonate bowl with bowl guard |            |       | <a href="#">PDF</a> | <a href="#">PDF</a> |

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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         |
|   | <a href="#"><u>820014-51KIT</u></a> | \$541#:   | 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> | \$,541!:  | 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> | \$5420:   | 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> | \$5421:   | 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> | \$5422:   | 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> | \$541?:   | 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> | \$,541,:: | 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> | \$543k: | 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> | \$543l: | 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> | \$543q: | 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> | \$543s: | 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> | \$543t: | 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> | \$543n: | 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> | \$543o: | 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> | \$543p: | 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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