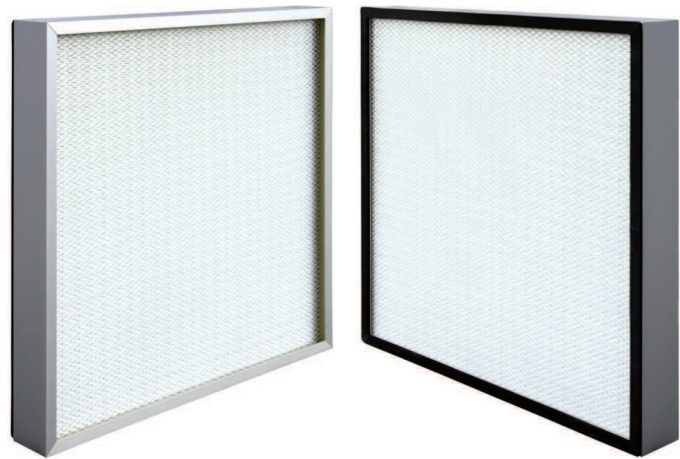


# HFN ALUMINUM SERIES / 78mm

EN 1822 EFFICIENCY: E10-U16  
 MEDIA : Micro Glass Fibre  
 SEPARATORS: Hotmelt  
 PROTECTION GRIDS: Painted Aluminum on, both sides  
 GASKET: Neoprene or two component continuous, polyurethane  
 FINAL PRESSURE DROP: 600 Pascals  
 OPERATING TEMPERATURE: 80 °C degrees



## LAMINAR FLOW FILTERS WITH 78mm DEPTH EXTRUDED ALUMINUM FRAME

| Part Number            | Filter Class (EN 1822) | Width (mm) | Height (mm) | Depth (mm) | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /h) (0,45m/s) | Pressure drop (Pascals) |
|------------------------|------------------------|------------|-------------|------------|------------------------------|--|-------------------------|
| <b>E10</b>             |                        |            |             |            |                              |  |                         |
| HFN-305/305/78-10AD2G  | E10                    | 305        | 305         | 78         | 2,60                         | 150                                    | 50                      |
| HFN-457/457/78-10AD2G  | E10                    | 457        | 457         | 78         | 5,80                         | 335                                    | 50                      |
| HFN-457/610/78-10AD2G  | E10                    | 457        | 610         | 78         | 7,80                         | 450                                    | 50                      |
| HFN-305/610/78-10AD2G  | E10                    | 305        | 610         | 78         | 5,20                         | 300                                    | 50                      |
| HFN-610/610/78-10AD2G  | E10                    | 610        | 610         | 78         | 10,4                         | 600                                    | 50                      |
| HFN-610/915/78-10AD2G  | E10                    | 610        | 915         | 78         | 15,6                         | 900                                    | 50                      |
| HFN-610/1220/78-10AD2G | E10                    | 610        | 1220        | 78         | 20,8                         | 1200                                   | 50                      |
| HFN-610/1524/78-10AD2G | E10                    | 610        | 1524        | 78         | 26,0                         | 1500                                   | 50                      |
| HFN-610/1830/78-10AD2G | E10                    | 610        | 1830        | 78         | 31,2                         | 1800                                   | 50                      |
| HFN-610/762/78-10AD2G  | E10                    | 610        | 762         | 78         | 13,0                         | 750                                    | 50                      |
| HFN-762/762/78-10AD2G  | E10                    | 762        | 762         | 78         | 16,2                         | 935                                    | 50                      |
| HFN-915/915/78-10AD2G  | E10                    | 915        | 915         | 78         | 23,4                         | 1350                                   | 50                      |
| HFN-915/1220/78-10AD2G | E10                    | 915        | 1220        | 78         | 31,2                         | 1800                                   | 50                      |

|                        |     |     |      |    |      |      |    |
|------------------------|-----|-----|------|----|------|------|----|
| <b>E11</b>             |     |     |      |    |      |      |    |
| HFN-305/305/78-11AD2G  | E11 | 305 | 305  | 78 | 2,60 | 150  | 70 |
| HFN-457/457/78-11AD2G  | E11 | 457 | 457  | 78 | 5,80 | 335  | 70 |
| HFN-457/610/78-11AD2G  | E11 | 457 | 610  | 78 | 7,80 | 450  | 70 |
| HFN-305/610/78-11AD2G  | E11 | 305 | 610  | 78 | 5,20 | 300  | 70 |
| HFN-610/610/78-11AD2G  | E11 | 610 | 610  | 78 | 10,4 | 600  | 70 |
| HFN-610/915/78-11AD2G  | E11 | 610 | 915  | 78 | 15,6 | 900  | 70 |
| HFN-610/1220/78-11AD2G | E11 | 610 | 1220 | 78 | 20,8 | 1200 | 70 |
| HFN-610/1524/78-11AD2G | E11 | 610 | 1524 | 78 | 26,0 | 1500 | 70 |
| HFN-610/1830/78-11AD2G | E11 | 610 | 1830 | 78 | 31,2 | 1800 | 70 |
| HFN-610/762/78-11AD2G  | E11 | 610 | 762  | 78 | 13,0 | 750  | 70 |
| HFN-762/762/78-11AD2G  | E11 | 762 | 762  | 78 | 16,2 | 935  | 70 |
| HFN-915/915/78-11AD2G  | E11 | 915 | 915  | 78 | 23,4 | 1350 | 70 |
| HFN-915/1220/78-11AD2G | E11 | 915 | 1220 | 78 | 31,2 | 1800 | 70 |

|                        |     |     |      |    |      |      |    |
|------------------------|-----|-----|------|----|------|------|----|
| <b>E12</b>             |     |     |      |    |      |      |    |
| HFN-305/305/78-12AD2G  | E12 | 305 | 305  | 78 | 2,60 | 150  | 70 |
| HFN-457/457/78-12AD2G  | E12 | 457 | 457  | 78 | 5,80 | 335  | 70 |
| HFN-457/610/78-12AD2G  | E12 | 457 | 610  | 78 | 7,80 | 450  | 70 |
| HFN-305/610/78-12AD2G  | E12 | 305 | 610  | 78 | 5,20 | 300  | 70 |
| HFN-610/610/78-12AD2G  | E12 | 610 | 610  | 78 | 10,4 | 600  | 70 |
| HFN-610/915/78-12AD2G  | E12 | 610 | 915  | 78 | 15,6 | 900  | 70 |
| HFN-610/1220/78-12AD2G | E12 | 610 | 1220 | 78 | 20,8 | 1200 | 70 |

## LAMINAR FLOW FILTERS WITH 78mm DEPTH EXTRUDED ALUMINUM FRAME

| Part Number | Filter Class (EN 1822) | Width (mm) | Height (mm) | Depth (mm) | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /h) (0,45m/s) | Pressure drop (Pascals) |
|-------------|------------------------|------------|-------------|------------|------------------------------|--|-------------------------|
|-------------|------------------------|------------|-------------|------------|------------------------------|--|-------------------------|

### E12

|                        |     |     |      |    |      |      |    |
|------------------------|-----|-----|------|----|------|------|----|
| HFN-610/1524/78-12AD2G | E12 | 610 | 1524 | 78 | 26,0 | 1500 | 95 |
| HFN-610/1830/78-12AD2G | E12 | 610 | 1830 | 78 | 31,2 | 1800 | 95 |
| HFN-610/762/78-12AD2G  | E12 | 610 | 762  | 78 | 13,0 | 750  | 95 |
| HFN-762/762/78-12AD2G  | E12 | 762 | 762  | 78 | 16,2 | 935  | 95 |
| HFN-915/915/78-12AD2G  | E12 | 915 | 915  | 78 | 23,4 | 1350 | 95 |
| HFN-915/1220/78-12AD2G | E12 | 915 | 1220 | 78 | 31,2 | 1800 | 95 |

### H13

|                        |     |     |      |    |      |      |     |
|------------------------|-----|-----|------|----|------|------|-----|
| HFN-305/305/78-13AD2G  | H13 | 305 | 305  | 78 | 2,60 | 150  | 110 |
| HFN-457/457/78-13AD2G  | H13 | 457 | 457  | 78 | 5,80 | 335  | 110 |
| HFN-457/610/78-13AD2G  | H13 | 457 | 610  | 78 | 7,80 | 450  | 110 |
| HFN-305/610/78-13AD2G  | H13 | 305 | 610  | 78 | 5,20 | 300  | 110 |
| HFN-610/610/78-13AD2G  | H13 | 610 | 610  | 78 | 10,4 | 600  | 110 |
| HFN-610/915/78-13AD2G  | H13 | 610 | 915  | 78 | 15,6 | 900  | 110 |
| HFN-610/1220/78-13AD2G | H13 | 610 | 1220 | 78 | 20,8 | 1200 | 110 |
| HFN-610/1524/78-13AD2G | H13 | 610 | 1524 | 78 | 26,0 | 1500 | 110 |
| HFN-610/1830/78-13AD2G | H13 | 610 | 1830 | 78 | 31,2 | 1800 | 110 |
| HFN-610/762/78-13AD2G  | H13 | 610 | 762  | 78 | 13,0 | 750  | 110 |
| HFN-762/762/78-13AD2G  | H13 | 762 | 762  | 78 | 16,2 | 935  | 110 |
| HFN-915/915/78-13AD2G  | H13 | 915 | 915  | 78 | 23,4 | 1350 | 110 |
| HFN-915/1220/78-13AD2G | H13 | 915 | 1220 | 78 | 31,2 | 1800 | 110 |

### H14

|                        |     |     |      |    |      |      |     |
|------------------------|-----|-----|------|----|------|------|-----|
| HFN-305/305/78-14AD2G  | H14 | 305 | 305  | 78 | 2,60 | 150  | 120 |
| HFN-457/457/78-14AD2G  | H14 | 457 | 457  | 78 | 5,80 | 335  | 120 |
| HFN-457/610/78-14AD2G  | H14 | 457 | 610  | 78 | 7,80 | 450  | 120 |
| HFN-305/610/78-14AD2G  | H14 | 305 | 610  | 78 | 5,20 | 300  | 120 |
| HFN-610/610/78-14AD2G  | H14 | 610 | 610  | 78 | 10,4 | 600  | 120 |
| HFN-610/915/78-14AD2G  | H14 | 610 | 915  | 78 | 15,6 | 900  | 120 |
| HFN-610/1220/78-14AD2G | H14 | 610 | 1220 | 78 | 20,8 | 1200 | 120 |
| HFN-610/1524/78-14AD2G | H14 | 610 | 1524 | 78 | 26,0 | 1500 | 120 |
| HFN-610/1830/78-14AD2G | H14 | 610 | 1830 | 78 | 31,2 | 1800 | 120 |
| HFN-610/762/7814AD2G   | H14 | 610 | 762  | 78 | 13,0 | 750  | 120 |
| HFN-762/762/78-14AD2G  | H14 | 762 | 762  | 78 | 16,2 | 935  | 120 |
| HFN-915/915/78-14AD2G  | H14 | 915 | 915  | 78 | 23,4 | 1350 | 120 |
| HFN-915/1220/78-14AD2G | H14 | 915 | 1220 | 78 | 31,2 | 1800 | 120 |

### U15

|                        |     |     |      |    |      |      |     |
|------------------------|-----|-----|------|----|------|------|-----|
| HFN-305/305/78-15AD2G  | U15 | 305 | 305  | 78 | 2,60 | 150  | 140 |
| HFN-457/457/78-15AD2G  | U15 | 457 | 457  | 78 | 5,80 | 335  | 140 |
| HFN-457/610/78-15AD2G  | U15 | 457 | 610  | 78 | 7,80 | 450  | 140 |
| HFN-305/610/78-15AD2G  | U15 | 305 | 610  | 78 | 5,20 | 300  | 140 |
| HFN-610/610/78-15AD2G  | U15 | 610 | 610  | 78 | 10,4 | 600  | 140 |
| HFN-610/915/78-15AD2G  | U15 | 610 | 915  | 78 | 15,6 | 900  | 140 |
| HFN-610/1220/78-15AD2G | U15 | 610 | 1220 | 78 | 20,8 | 1200 | 140 |
| HFN-610/1524/78-15AD2G | U15 | 610 | 1524 | 78 | 26,0 | 1500 | 140 |
| HFN-610/1830/78-15AD2G | U15 | 610 | 1830 | 78 | 31,2 | 1800 | 140 |
| HFN-610/762/78-15AD2G  | U15 | 610 | 762  | 78 | 13,0 | 750  | 140 |
| HFN-762/762/78-15AD2G  | U15 | 762 | 762  | 78 | 16,2 | 935  | 140 |
| HFN-915/915/78-15AD2G  | U15 | 915 | 915  | 78 | 23,4 | 1350 | 140 |
| HFN-915/1220/78-15AD2G | U15 | 915 | 1220 | 78 | 31,2 | 1800 | 140 |