

**Donaldson Delivers** 

Engine Air Replacement Filters for Mann+Hummel® Europiclon® Air Cleaners

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# Put SomeTeeth into Your Air Filtration







# Superior performance and proven protection for heavy duty diesel engines

Donaldson's new line of high efficiency air filters may look a little different out of the box, but they're specially designed to fit Mann+Hummel<sup>®</sup> Europiclon<sup>®</sup> air cleaner housings used in both on- and off-road applications.

This filter's unique sealing system incorporates specially designed teeth that compress to cushion and hold the filter in the ideal position, providing a secure seal – even in the most severe environments.

# Packed with proven technology

Equipped with Donaldson's industry-shaping RadialSeal<sup>™</sup> system, advanced media and stable structural support, these new air intake elements are built to perform and provide effective engine protection, in a wide-range of challenging conditions.



Donaldson invented air filters for heavy-duty engines – now it offers a new and improved heavy-duty design for Europiclon<sup>®</sup> air cleaners.



New

**OEM** 

# Advanced technology delivers complete engine protection

## **Vibration Resistant**

Innovative Dual Compression saw-tooth design incorporates an inventive combination of soft and hard urethane that generates high levels of compression – maintaining secure RadialSeal integrity. Filter resists movement (even under heavy vibration) and delivers sure sealing under the most severe duty conditions.

Hard urethane

### ─ RadialSeal<sup>™</sup> design

Proven sure-fit Donaldson sealing system creates a reliable, vibration-resistant interface between the air cleaner and the filter. Slides easily on and off the outlet tube during servicing, making removal and replacement fast and simple.

## Rigid structural support

Rigid structural support system (outer or inner liners) protect filters from damage or collapse in humid conditions or heavy vibration applications. Structure also protects the media from damage during servicing.

## **High-efficiency cellulose media**

Offering media options specifically designed to perform across a wide range of heavy-duty diesel engine applications. Flame-retardant media in UL Recognized filter elements are available for transportation applications.

**YOU HAVE A CHOICE** 

# on

**Donaldson Aftermarket Filter Warranty** 

You can always choose top-quality Donaldson filters designed specifically

for your engines and equipment and – as long as you change them according to the engine manufacturer's recommendations – using

Donaldson filters will not void your engine manufacturer's warranty.

Soft urethane

See Brochure F110064 for complete warranty details on all Donaldson products.

## **Cross reference and Dimensional Specifications**

## **PRIMARY FILTER CROSS REFERENCE**

| Donaldson<br>Primary | Mann+<br>Hummel | Baldwin | Fleetguard | Luber-finer | Wix     |
|----------------------|-----------------|---------|------------|-------------|---------|
| P778972              | C16400          | RS3922  | AF26393    | LAF9101     | 46818   |
| P778979              | C11100          | RS3990  | AF26387    | _           | 49978   |
| P778984              | C14200          | RS3942  | AF26389    | LAF8749     | 49462   |
| P778989              | C15300          | RS3920  | AF26391    | LAF3947     | 46836   |
| P778994              | C20500          | RS3992  | AF26395    | LAF2342     | 49131   |
| P782104              | C23610          | RS3994  | AF26397    | LAF4601     | 49783   |
| P782105              | C257103         | RS3996  | AF26399    | LAF6098     | 49711   |
| P782106              | C308103         | RS3998  | AF26401    | LAF6998     | 49811   |
| P782328              | C259501         | RS4562  | AF25704    | LAF5704     | —       |
| P782880              | C258606         | RS4969  | AF25876    | LAF6682     | —       |
| P782881              | C256602         | RS4968  | AF25875    | LAF6683     | _       |
| P782936              | C2712501        | RS4971  | AF25894    | LAF6936     | WA10398 |
| P784198              | C258605         | RS5537  | —          | —           | WA10134 |
| P784456              | C2713202        | RS5508  | AF26202    | —           | —       |
| P784457              | C2713203        | RS5358  | AF26242    | LAF6242     | 49558   |
| P784525              | C2711704        | RS4959  | AF25975    | —           | —       |
| P785352              | C3214202        | RS5356  | AF26241    | LAF6689     | —       |
| P786421              | C271170         | RS5534  | AF26246    | LAF6246     | 49464   |
| P789377              | C261100         | RS5488  | AF26677    |             | _       |

|     | ⊷ I.D. →              |  |
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### \*Flame retardant media \*\*P782106 is available with Donaldson Ultra-Web® fine fiber media as DBA5207

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+I.D.+

# Diameter Diameter

Inner

**PRIMARY FILTER DIMENSIONS** 

Outer

Length

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|                       | (I.D.)     | (O.D.)      | (L)         |  |
|-----------------------|------------|-------------|-------------|--|
|                       | in. / mm   | in. / mm    | in. / mm    |  |
| P778972               | 3.73 / 95  | 6.34 / 161  | 14.68 / 373 |  |
| P778979               | 2.57 / 65  | 4.56 / 116  | 10.07 / 256 |  |
| P778984               | 2.95 / 75  | 5.05 / 128  | 12.64 / 321 |  |
| P778989               | 3.35 / 85  | 5.96 / 152  | 14.19/361   |  |
| P778994               | 4.52/115   | 7.76 / 197  | 15.78 / 401 |  |
| P782104               | 4.91 / 125 | 8.72 / 222  | 15.91 / 404 |  |
| P782105               | 5.71 / 145 | 9.51 / 242  | 21.28 / 541 |  |
| P782106/<br>DBA5207** | 8.03 / 204 | 11.84 / 301 | 23.28 / 591 |  |
| P782328               | 4.84 / 123 | 9.72 / 247  | 17.19/437   |  |
| P782880*              | 5.83 / 148 | 9.72 / 247  | 16.08 / 409 |  |
| P782881*              | 5.83 / 148 | 9.72 / 247  | 12.87 / 327 |  |
| P782936*              | 6.61 / 168 | 10.47 / 266 | 19.80 / 503 |  |
| P784198*              | 5.83 / 148 | 9.72 / 247  | 16.10/409   |  |
| P784456               | 6.61 / 168 | 10.47 / 266 | 20.73 / 527 |  |
| P784457*              | 6.61 / 168 | 10.47 / 266 | 20.73/527   |  |
| P784525*              | 6.61 / 168 | 10.47 / 266 | 18.62 / 473 |  |
| P785352*              | 8.43/214   | 12.32 / 313 | 17.78/452   |  |
| P786421               | 6.61 / 168 | 10.47 / 266 | 18.62 / 473 |  |
| P789377               | 6.61 / 168 | 9.72 / 247  | 20.73 / 527 |  |

|         | Inner<br>Diameter<br>(I.D.) | Outer<br>Diameter<br>(O.D.) | Length<br>(L) |  |
|---------|-----------------------------|-----------------------------|---------------|--|
|         | in./mm                      | in./mm                      | in. / mm      |  |
| P780012 | 2.85 / 73                   | 3.43 / 87                   | 14.15/360     |  |
| P780018 | 1.65 / 42                   | 2.25 / 57                   | 9.35 / 238    |  |
| P780024 | 2.05 / 52                   | 2.65 / 67                   | 11.99 / 305   |  |
| P780030 | 2.44 / 62                   | 3.04 / 77                   | 13.56 / 345   |  |
| P780036 | 3.62 / 92                   | 4.22 / 107                  | 15.14 / 385   |  |
| P782107 | 4.01 / 102                  | 4.61 / 117                  | 15.22 / 387   |  |
| P782108 | 4.80 / 122                  | 5.43 / 138                  | 20.04 / 509   |  |
| P782109 | 7.09 / 180                  | 7.76 / 197                  | 22.68 / 576   |  |

**SAFETY FILTER DIMENSIONS** 

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Southeast Asia 65-6311-7373 Greater China 86-400-650-0610 Japan 81-42-540-4112 Korea 82-2-517-3333 Australasia 61-02-4350-2033 India 91-124-4807-400

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## **SAFETY FILTER CROSS REFERENCE**

| Donaldson<br>Safety | Mann +<br>Hummel | Baldwin | Fleetguard | Luber-finer | Wix   |
|---------------------|------------------|---------|------------|-------------|-------|
| P780012             | CF400            | RS3923  | AF26394    | LAF9100     | 46829 |
| P780018             | CF100            | RS3991  | AF26388    | —           | 49968 |
| P780024             | CF200            | RS3943  | AF26390    | LAF8750     | 49463 |
| P780030             | CF300            | RS3921  | AF26392    | LAF3948     | 46837 |
| P780036             | CF500            | RS3993  | AF26396    | LAF2343     | 49132 |
| P782107             | CF610            | RS3995  | AF26398    | LAF4602     | 49782 |
| P782108             | CF710            | RS3997  | AF26400    | LAF6099     | 49710 |
| P782109             | CF810            | RS3999  | AF26402    | LAF6999     | 49810 |
| P782937             | CF1640           | RS5361  | AF25896    | LAF6937     | —     |