





**AC DELCO - AIR REFINER - ALGAS ALLIS -CHALMERS - AMEISE - AMC** ARGO - ARLON - ATLET - AUDUREAU **BAKER - BALDWIN - BALKANCAR BOBCAT - BOSCH - BRUNILIFT - BT BV TRANSPALLET - CATERPILLAR - CAV CLARK - CLEAN - CONTINENTAL COOPERS - COVENTRY - CROSLAND CROWN - CUMMINS - DAF - DESTA DEUTZ - DONALDSON - FANTUZZI FARR - FENDT - FENWICK - FIAAM** FIAT - FLEETGUARD - FORD FRAM FILTERS - HEDEN - HENGST **HENLEY - HINO - HYSTER - ISUZU** JUNGHEINRICH - KALMAR - KENTRUCK **KNECHT - KOMATSU - KUBOTA LANCER BOSS - LANSING - LINDE - LUBERFINER LUGLI - M.A.N. - MAHLE MANITOU MANN & HUMMEL - MASSEY FERGUSON MAZDA - MERCEDES - MERLO MIC MITSUBISHI - MORA - MOTORCRAFT NIPPON-DENSO - NISSAN NYK-NICHIYU - PEACOCK - PEG** PERKINS - PEUGEOT - PURFLUX **PUROLATOR - RENAULT - ROLLS ROYCE** SALEV - SAXBY - STEINBOCK - STILL **SVE TRUCK - TCM - TECHNOCAR** TENNANT - TOYOTA - UCC - UFI FILTER UNITRAC - VALMET - VOLVO - VW **WAUKESHA - WIN - WIX - WOODGATE** YALE - YANMAR - ZEPHIR **ZETOR - ZF** 





## **TECHNICAL DETAIL: FILTERS**





| Company:       |             |
|----------------|-------------|
| Customer code: |             |
| Name:          |             |
| Fax number:    |             |
| Truck make:    |             |
| Truck type:    | Serial nr.: |

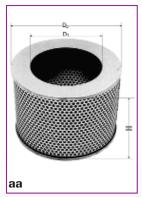
- 1 TY ..... type of filter (see next pages / as per picture)
- 2 D1/TA . . . . . inner diameter or thread size
- 3 D2 ..... outer diameter
- 4 H .....height
- 5 L1 .....shortest length (only used on some versions)
- 6 L2 .....longest length (only used on some versions)



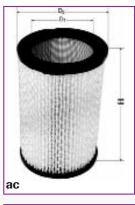


FILTER TYPES



















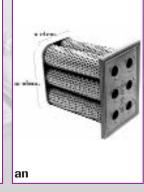


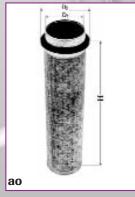


















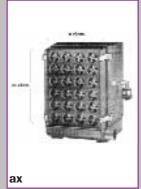
















FILTER TYPES



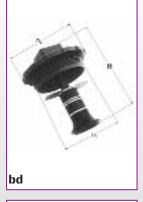




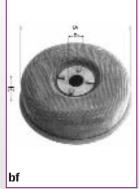
















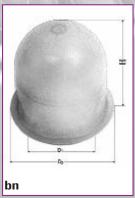


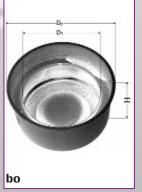














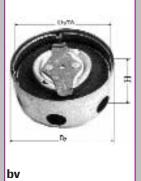
















FILTER TYPES

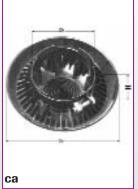


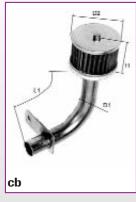


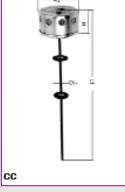




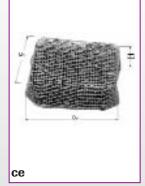


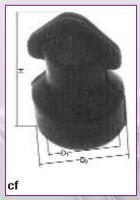


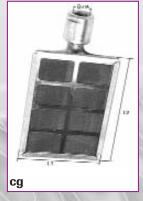




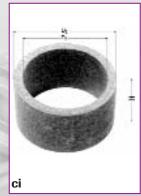






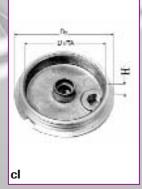
































FILTER TYPES















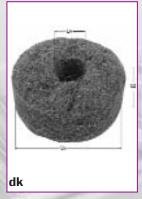


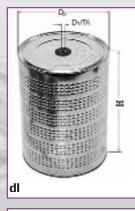














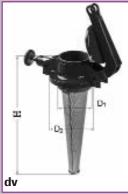




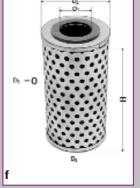




















FILTER TYPES



















## **TOTAL SOURCE**Parts and Accessories















**USED FOR: MITSUBISHI** 















FILTERS









## **USED FOR: MITSUBISHI**

## **REF 104TA8525**



Fuel filter

D = 98 mm d = M20H = 135 mm

## **USED FOR: TOYOTA**



Fuel filter

D = 95 mmd = 3/4 UNFH = 131 mm

## **USED FOR: TOYOTA**

**REF 105TA4816** 



Oil filter

D = 78 mmd = 3/4 UNFH = 85 mm

## **USED FOR: CATERPILLAR**



Air filter

D = 210 mmd = 105 mm

H = 158 mm

for inner use: **REF 106TA6946** 

## **USED FOR: CATERPILLAR**



Air filter

D = 108 mmd = 70 mmH = 140 mm

for outer use: **REF 106TA6945** 

## **USED FOR: FIAT**



## **USED FOR: FIAT**



Air filter

D = 65 mmd = 54 mm

H = 300 mm

for outer use: **REF 106TA6947** 

## **USED FOR: STILL**



## **USED FOR: TENNANT**



Air filter

D=660 mmd = 406 mm

H = 55 mm





## Heavy Duty Combination Dynamic Pre-Cleaner / Filters









## **Applications**

Pre-Cleaner / Air Filters are specifically designed to be connected to the air intake of gasoline and diesel engines.

The advantages of the systems include their compact size and ease of installation. The three-stage air filtration systems are designed with only one connection to the engine.

## **Applications include:**

- Agricultural machinery.
- Earth moving, construction & equipment.
- Stationary engines, generator sets.
- Trucks, pick-ups, off-road vehicles.
- Material handling equipment.
- Snow removal & street sweepers.

## **Features and Benefits**

- Pre-Cleaners remove up to 90% of impurities from intake air before the air enters the filter elements.
- Extends engine air filter life. Reduces downtime.
- Prolongs engine and turbocharger life.
- Saves on fuel costs.
- Safety element is standard in most models.

| REF       | Airflow<br>Range    | Horsepower<br>Range | Weight<br>(with filter-<br>elements) | Maximum<br>Length | Maximum<br>Diameter | Outlet<br>Size |
|-----------|---------------------|---------------------|--------------------------------------|-------------------|---------------------|----------------|
| 121TA1371 | 53 to 124 CFM       | 30 to 70 HP         | 8.60 lbs                             | 15.04"            | 7.40"               | 2.5"           |
|           | (1.5 to 3.5 m³/min) | (22 to 52 KW)       | (3.90 kg)                            | (382 mm)          | (188mm)             | (63 mm)        |
| 121TA1372 | 124 to 159 CFM      | 50 to 70 HP         | 10.35 lbs                            | 18.90"            | 7.40"               | 2.5"           |
|           | (3.5 to 4.5 m³/min) | (37 to 52 KW)       | (4.70 kg)                            | (480 mm)          | (188mm)             | (63 mm)        |
| 121TA1373 | 159 to 212 CFM      | 70 to 80 HP         | 12.70 lbs                            | 20.47"            | 8.03"               | 2.75"          |
|           | (4.5 to 6.0 m³/min) | (52 to 60 KW)       | (5.75 kg)                            | (520 mm)          | (204mm)             | (70 mm)        |
| 121TA1374 | 212 to 282 CFM      | 80 to 110 HP        | 16.50 lbs                            | 22.20"            | 9.05"               | 3"             |
|           | (6.0 to 8.0 m³/min) | (60 to 82 KW)       | (7.50 kg)                            | (564 mm)          | (230mm)             | (76 mm)        |



PRE-FILTERS



## PRE-FILTERS

## complete unit



lid only



glass only



| Dimensions<br>D d h | REF complete unit | <i>REF</i> lid<br>only | <i>REF</i> glass<br>only |
|---------------------|-------------------|------------------------|--------------------------|
| 186 x 65 x 155      | 104TA7821         | 107TA1741              | 116TA6261                |
| 187 x 77 x 155      | 104TA7822         | 107TA1741              | 116TA6261                |
| 142 x 51 x 134      | 106TA2956         | 107TA1740              | 106TA2949                |
| 187 x 51 x 155      | 104TA7824         | 107TA1741              | 116TA6261                |
| 270 x 80 x 187      | 104TA7831         | 106TA2954              | 106TA2951                |
| 270 x 98 x 190      | 104TA7832         | 106TA2955              | 106TA2951                |
| 270 x 105 x 190     | 104TA7829         | 106TA2954              | 106TA2951                |
|                     |                   |                        |                          |
|                     |                   |                        |                          |
|                     |                   |                        |                          |





FILTER

FUEL

PLUGS

SUMP

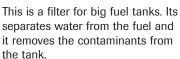
## FILTERS FOR BIG FUEL TANKS (PETROL AND DIESEL)

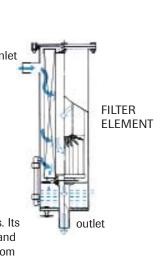
## **REF 107TA1749**

= Filter 40 L/min. Element = REF 106TA2978

## **REF 107TA1750**

= Filter 100 L/min. Element = REF 106TA2980





# COMPLETE FUEL FILTER CAV **REF 106TA2975** 4 connections: 1/2 UNF Element: REF 106TA2976

## **FUEL FILTER**

| Ø 8 mm  | REF 106TA2974 | (Gasoline) |
|---------|---------------|------------|
| Ø 8 mm  | REF 105TA4812 | (Diesel)   |
| Ø 6 mm  | REF 104TA8113 | (Gasoline) |
| Ø 8 mm  | REF 106TA2972 | (Diesel)   |
| Ø 10 mm | REF 107TA1748 | (Diesel)   |

## **SUMP PLUGS**



## **HOW DOES THE PLUG WORK?**

From now on, the normal sump plug will be replaced by a plug fitted with a dust cap that stops dust and dirt from entering the line.

## **CHANGING OIL:**

Remove the dust cap and screw the drain and hose on the sump plug. This will automatically open a valve in the plug and the oil will flow through the hose.



FILTER





FILTER REMOVAL TOOL

**REF 105TA2779** 



## FILTER REMOVAL TOOL



**REF 105TA2782** Small version

## **OIL PAN**



inlet and outlet can be shut off

**REF 105TA2777** capacity 15 L with rounded edge and with 3 handgrips

## **OIL PAN**



**REF 105TA2778** oil pan on wheels capacity 50 L





## WATER ELIMINATORS



diameter: 32 mm

**REF 106TA2990** (= 2 pieces)

Large type

The water eliminator consists of a cylindrical cartridge, which is lined with a nylon mesh filter. The cartridge contains a small amount of dry crystals, which are chemically water "magnetic", which means they will only accept water molecules into their structure. The crystals will expand to 500 times their own bulk in the presence of water. To fit, remove the fuel filler cap and insert the cartridge into the tank securing the lanyard, the weighted cartridge rests on the bottom and extracts water from the fuel as it condenses. The cartridge should be checked at each re-fill and discarded when full.

Removing water from the fuel system extends the life of filters, fuel pumps and injectors.

The safe and easy way to remove water from your fuel system.

For use in:

- Diesel
- Petrol
- Kerosene
- Fuel oil
- Hydraulic fluid
- · Mineral spirits

3



## PRODUCT BENEFITS:

- Extended filter, pump and injector life
- Reduced maintenance costs
- Easy installation and safe disposal
- Trouble-free efficient running





## **AIR PURIFIER**

## **GET THE DIRT BEFORE THE DURT GETS YOU!**

# GET THE DIRI

## TURBO PRECLEANER®

## SAVE FUEL, TIME, MONEY, AIR FILTERS AND ENGINES.

Turbo II Pre-cleaners remove up to 98% of all air contaminants including dust, powder, insects, rain and snow.

Eliminating dirt and debris from intake air, ahead of the air filter, keeps your engine running at maximum power and efficiency. Turbo II Pre-cleaners remove 50% more dust and dirt than most original pre-cleaners. Cleaner air means extended filter life, cleaner oil means reduced engine wear and improved performance. Engine maintenance costs and downtime is greatly reduced. Turbo II Pre-cleaners are self-powering, self-cleaning and require virtually no maintenance.

All Turbo II Pre-cleaners carry a full one year conditional warranty, with the intake air powered rotor (or spinner assembly) guaranteed for the useable life of the unit.













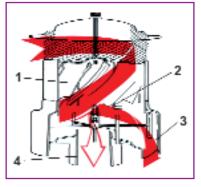








DISTRIBUTOR OF ORIGINAL TURBO FILTERS



## **HOW IT WORKS**

- 1 The Turbo II pre-cleaner has a specially designed blade that causes the incoming air to spin
- 2 As the air spins, the centrifugal force separates dust, dirt, insects, rain and snow from clean air
- 3 Contaminants are blown out via special discharge ports by a high velocity, air powered rotor
- 4 Only the purified air goes to the air filter







## **TURBO PRECLEANER**

## TURBO II

- Removes up to 98% of impurities from intake air
- Self-cleaning
- · Powered by intake air
- Installs in seconds
- Saves money
- Extends air filter life
- Saves fuel
- Protects your engine



| REF       | TYPE        | DIESEL<br>KW | PETROL/LPG<br>KW | FIXING<br>DIAMETER |
|-----------|-------------|--------------|------------------|--------------------|
| 105TA4809 | 24          | 35 - 92      | 48 - 125         | 80                 |
| 106TA2982 | 35          | 88 - 132     | 118 - 177        | 119                |
| 107TA1751 | 46 - 4 1/2" | 118 - 258    | 162 - 353        | 119                |
| 107TA1752 | 46 - 5"     | 118 - 258    | 162 - 353        | 131                |
| 106TA2985 | 46 - 6"     | 118 - 258    | 162 - 353        | 158                |
| 106TA2986 | 68 - 6"     | 220 - 405    | 295 - 552        | 157                |
| 107TA1753 | 68 - 7"     | 220 - 405    | 295 - 552        | 179                |
| 106TA2988 | 68 - 8"     | 220 - 405    | 295 - 552        | 203                |

## TURBO III

- Saves servicing time
- Durable glass-filled nylon construction
- Lighter and smaller
- Easy to mount
- Lower restriction
- Higher efficiencys
- Ultra violet resistant
- Easy to adapt to any application

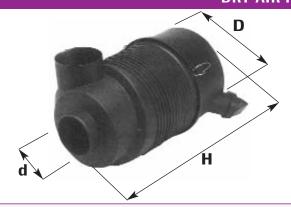


| Type: 2"              | Type: 3"              | Type: 4"             |  |
|-----------------------|-----------------------|----------------------|--|
| REF 109TA5987         | REF 109TA5988         | REF 115TA2134        |  |
| • outer dia.: 134 mm  | • outer dia.: 190 mm  | • outer dia.: 191 mm |  |
| • inner dia.: 52,3 mm | • inner dia.: 77,5 mm | • inner dia.: 103 mm |  |
| height: 130 mm        | height: 203 mm        | • height: 203 mm     |  |
|                       |                       |                      |  |





## **DRY AIR FILTER - PLASTIC**

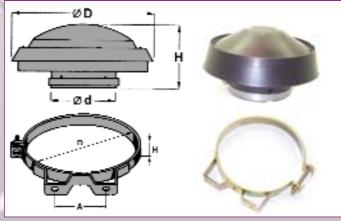


| Dimensions D x d x H  type AW: (plastic)   | REF<br>complete                                  | REF<br>outer elem.                               | REF<br>inner elem.     |
|--|--|--|------------------------|
| 156 x 53 x 327 mm<br>196 x 78 x 360 mm<br>204 x 62 x 354 mm<br>200 x 58 x 348 mm<br>with 90° elbow | 107TA1760<br>106TA3039<br>107TA1761<br>106TA3041 | 107TA1757<br>106TA3025<br>106TA6947<br>105TA4806 | 106TA3037<br>104TA8095 |

# DRY AIR FILTER - METAL Dimensions D x d x H type AW: (me 129 x 44 x 275 138 x 50 x 330 138 x 53 x 388 167 x 60 x 355 175 x 76 x 465 178 x 79 x 360 200 x 90 x 450 208 x 76 x 435 210 x 90 x 528 210 x 90 x 528 210 x 90 x 528 242 x 102 x 54 255 x 95 x 630 VACUATOR VALVE

| REF              | REF   |
|------------------|---|
| complete         | element   |
| ·                |   |
| 106TA3026        | 106TA3012   |
| 106TA3027        | 106TA3013   |
| 106TA3028        | 106TA3013   |
| 107TA1758        | 106TA3014   |
| 106TA3030        | 106TA3015   |
| 106TA3031        | 106TA3016 + 106TA3017   |
| 106TA3032        | 106TA3018   |
| 106TA3033        | 106TA3019   |
| 106TA3034        | 106TA3020   |
| 107TA1759        | 106TA3021 + 106TA3022   |
| 106TA3036        | 106TA3023   |
|                  |   |
| D=47, d=38, H=73 |   |
| D=85, d=72, H=68 |   |
| D=58, d=50, H=47 |   |
|                  | 106TA3026<br>106TA3027<br>106TA3028<br>107TA1758<br>106TA3030<br>106TA3031<br>106TA3032<br>106TA3033<br>106TA3034<br>107TA1759<br>106TA3036 |

## **RAIN CAPS / MOUNTING BANDS**



| man on o   |   |  |
|--|---|--|
| Dimensions<br>D x d x H  | REF   |  |
| 150 x 57 x 85 mm<br>152 x 65 x 85 mm<br>152 x 78 x 85 mm<br>265 x 102 x 130 mm<br>268 x 128 x 130 mm<br>292 x 114 x 124 mm<br>408 x 155 x 158 mm | 106TA2992<br>106TA2993<br>106TA2994<br>106TA2995<br>106TA2996<br>107TA1755<br>107TA1756 |  |

## MOUNTING BANDS

| Dimensions<br>D x H x A | REF       |
|-------------------------|-----------|
| 131 x 22 x 93 mm        | 106TA3009 |
| 160 x 23 x 106 mm       | 106TA3010 |
| 197 x 26 x 117 mm       | 106TA3011 |

## **RESTRICTION INDICATORS**



| mbar     | Pa   | mm H2O | Fitting     | REF       |
|----------|------|--------|-------------|-----------|
|          |      |        |             |           |
| Mechanic |      |        |             |           |
| 37       | 3700 | 380    | 1/8"-27 NPT | 106TA3002 |
| 50       | 5000 | 508    | 1/8"-27 NPT | 106TA3003 |
| 62       | 6200 | 635    | 1/8"-27 NPT | 106TA3004 |
|          |      |        |             |           |
| <b>-</b> |      |        |             |           |
| Electric |      |        |             |           |
| 37       | 3700 | 380    | 1/8"-27 NPT | 106TA3005 |
| 50       | 5000 | 508    | 1/8"-27 NPT | 106TA3006 |
| 62       | 6200 | 635    | 1/8"-27 NPT | 106TA3007 |
| 75       | 7500 | 762    | 1/8"-27 NPT | 129TA8824 |
|          |      |        |             |           |
|          |      |        |             |           |
|          |      |        |             |           |
|          |      |        |             |           |







| MAKES  | ТҮРЕ                               |                | ENGINE      | FILTER   | REF   |
|--------|------------------------------------|----------------|-------------|--|---|
| Hyster | H40-60XL(USA)<br>H2,00-3,00XL(EUR) | C177 ('90-'93) | C240 Diesel | Oil filter<br>Fuel Filter<br>Air Filter<br>Hydraulic<br>Transm.                          | 101FL1959<br>101FL1967<br>101FL1961<br>101FL1968<br>101FL1963                           |
| Linde  | 351-03 H20-35D                     | from 12/99     | Perkins     | Oil filter<br>Fuel Filter<br>Air Filter<br>Hydraulic<br>Breather<br>Transm.<br>Filterkit | 101FL1705<br>101FL1706<br>101FL1691<br>101FL1709<br>101FL1678<br>101FL1671<br>101FL1710 |
| Nissan | PH02                               |                | H20         | Oil filter<br>Fuel Filter<br>Air Filter<br>Hydraulic<br>Transm.                          | 101FL1552<br>101FL1201<br>101FL1368<br>101FL1554<br>101FL1555                           |
| Toyota | 40-6FG10,14,15,18                  |                | 4Y          | Oil filter<br>Fuel Filter<br>Air Filter<br>Hydraulic                                     | 101FL1127<br>101FL1126<br>101FL1099<br>101FL1100  |





NOTES



| $\mathcal{N}$ | O | 7 | E | S |
|---------------|---|---|---|---|
|               |   |   |   |   |