



AIR INTAKE CATALOGUE

BRANCHES NZ-WIDE | 0508 677 704 | TWLNZ.CO.NZ

Proudly Playing a Part
in NZ Road Transport
since 1966





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TWL New Zealand's home of filtration

Did you know?

TWL is one of New Zealand's leading suppliers of filtration. We carry a wide range of filtration products to suit automotive, heavy transport, agriculture, construction and almost any other applications.

We carry two main brands:

Donaldson, one of the world's best known and longest standing brands there is. Many heavy-duty equipment manufactures use Donaldson products as first fit. Leaders in new filtration technology and backed by a factory warranty, your equipment is in safe hands with Donaldson Filtration.

Sakura, the choice of many automotive professionals because of the great quality and the competitive pricing. Sakura, part of the ADR group, manufacture filters for a host of OEM's and bring this quality through to the aftermarket sector. Peace of mind with a manufactures warranty.

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TUBE

Intake Tube Aluminium - 10' (3m) length

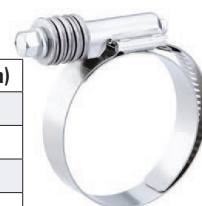
Part No.	Outlet
P206849	5"
P206850	6"
P206851	7"
P207369	8"



CLAMPS

Constant Torque Clamp

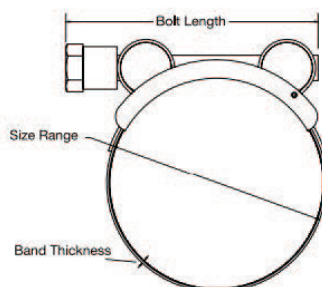
Part No.	Min/max (inch)	Min/max (mm)
P532925	2 1/4" - 3 1/8"	57-59
P532926	2 3/4" - 3 5/8"	70-92
P532927	3 1/4" - 4 1/8"	83-105
P532928	3 3/4" - 4 5/8"	95-117
P532929	4 1/4" - 5 1/8"	108-130



CLAMPS

Heavy Duty T-Bolt Clamp

Part No.	Band Width	Size Range
TTBY50-53P	20mm	50-53mm
TTBY52-55P	20mm	52-55mm
TTBY54-57P	20mm	54-57mm
TTBY56-59P	20mm	56-59mm
TTBY58-61P	20mm	58-61mm
TTBY60-63P	20mm	60-63mm
TTBY62-65P	20mm	62-65mm
TTBY64-67P	24mm	64-67mm
TTBY66-70P	24mm	66-70mm
TTBY68-73P	24mm	68-73mm
TTBY71-76P	24mm	71-76mm
TTBY74-79P	24mm	74-79mm
TTBY77-82P	24mm	77-82mm
TTBY80-85P	24mm	80-85mm
TTBY83-88P	24mm	83-88mm
TTBY86-91P	24mm	86-91mm
TTBY89-94P	24mm	89-94mm
TTBY92-97P	24mm	92-97mm
TTBY95-100P	24mm	95-100mm
TTBY98-103P	24mm	98-103mm
TTBY101-107P	24mm	101-107mm
TTBY104-112P	24mm	104-112mm
TTBY108-116P	24mm	108-116mm
TTBY113-121P	24mm	113-121mm
TTBY117-125P	24mm	117-125mm
TTBY122-130P	24mm	122-130mm
TTBY126-134P	24mm	126-134mm
TTBY131-139P	26mm	131-139mm
TTBY140-148P	26mm	140-148mm
TTBY149-161P	26mm	149-161mm
TTBY162-174P	26mm	162-174mm
TTBY175-187P	26mm	175-187mm
TTBY188-200P	26mm	188-200mm
TTBY201-213P	26mm	201-213mm
TTBY214-226P	26mm	214-226mm



Smaller and larger sizes available

RUBBER WARE

90° Rubber Elbow

Part No.	Outlet
P105532	3"
P114318	3.5"
P105533	4"
P107844	5"
P105535	6"
P105536	7"



90° Rubber Elbow Reducers

Part No.	Outlet
P536163	3"-4"
P537468	5"-6"
P159820	5"-7"
P215307	6"-7"



45° Rubber Elbow

Part No.	Outlet
P105544	3"
P109331	3.5"
P105545	4"
P109021	5"
P105547	6"
P105548	7"



Rubber Hump Hose

Part No.	Outlet
P105608	3"
P114319	3.5"
P105609	4"
P105610	5"
P105611	5.5"
P105612	6"
P105613	7"
P112608"	8



RUBBER WARE
Rubber Hump Reducers

Part No.	Diameter
P101291	4"-3"
P101293	5"-4"
P112611	6"-5"
P136494	7"-5"

Part No.	Diameter
P112610	7"-6"
P114315	8"-6"
P112609	8"-7"


RAMS & HOODS
Air Rams (Louvered)

Part No.	Diameter
H001660	6"
H001654	7"
H001661	8"

Air Rams (Standard)

Part No.	Diameter
H008149	3"
H008154	4"
H008150	5"
H001733	6"
H001725	7"


Inlet Hood

Size (Intake Tube)	Part No.	Style	Part No.	Style
1.75"	H002068	B		
2"	H001377	B		
2.25"	X002019	A		
2.5"	X001966	A		
3"	H001379	C (152mm wide)	H001063	C (292mm wide)
3.75"	X001988	A	H000473	C
4"	X002015	A		
4.5"	H000471	C		
5"	H000469	C		
5.5"	H000604	C		
6"	H000606	C	H001756	C (Chrome finish)
7"	H000607	C	H001742	C (Chrome finish)
8"	H001053	C	H001946	C (Chrome finish)
10"	H770082 (Style D)	D		


PRE CLEANERS
Top Spin HD

Part No.	Size (Intake Tube)	Operating Flow CFM*
H002850	2"	50-100
H002851	2.5"	100-200
H002852	3"	150-275
H002853	4"	200-400
H002854	5"	350-700
H002855	6"	500-950
H002856	7"	750-1350
H002857	8"	950-1600



Donaldson Pre-Cleaners can help to lengthen the life of your air cleaners by removing up to 80% of the dust and contaminants before they can enter the system. Choosing the right pre-cleaner to suit the application and air flow requirements is essential for the best results.



*Cubic feet per minute



PRE CLEANERS

Full View Pre Cleaner

Part No.	Size (Intake Tube)	Max Air Flow CFM*	Replacment Lid	Replacment Bowl
H002042	1.75"	80	P020116	P020115
H002040	2"	90	P020116	P020115
H001823	2" High Flow	11	P020648	P020227
H001250	2.25"	130	P020648	P020227
H001251	2.5"	150	P020648	P020227
H001249	3"	170	P020648	P020227
H000820	3" High Flow	320	P016548	P016330
H000821	3.75"	330	P016548	P016330
H000858	4"	340	P016548	P016330
H002045	4" High Flow	660	P020345	P020344
H000823	4.5"	340	P016548	P016330
H002044	4.5" High Flow	700	P020345	P020344
H002043	5"	740	P020345	P020344
H002223	6"	1300	P104691	P158324
H002224	7"	1500	P104691	P158324

*Cubic feet per minute



In Line Separators

Part No.	Diameter
H000878	6" Vertical
H000886	7" Vertical
H001220	8" Vertical
H001906	7" Horizontal



RESTRICTION INDICATORS

Part No.	Diameter
X002103	Informer Restriction Kit 20 H2O / 5kPa
X002102	Informer Restriction Kit 25 H2O/6.2kPa
X002101	Informer Restriction Kit 30 H2O/7.5kPa
X002350	RBX Indicator Kit 15in H2O
X002351	RBX Indicator Kit 20in H2O
X002352	RBX Indicator Kit 25in H2O
X002354	RBX Indicator Kit 30in H2O
X770037	Rex Electrical Indicator Switch 15in
X770050	Rex Electrical Indicator Switch 20in
X770062	Rex Electrical Indicator Switch 25in
X770075	Rex Electrical Indicator Switch 30in

The key to getting the most out of your air filter. Best practise is to fit a new air filter and don't touch it until it has met the restriction level recommended by the engine manufacture. This will ensure you get the most out of your filters, you reduce servicing costs and you don't expose the intake to risk of contamination by removing the filter unnecessarily.



AIR CLEANERS

Keeping the internal workings of your engine free from contaminants is vital for a long productive life and can save costs involved with premature maintenance. Choosing the right air cleaner for your application important, example is a forklift working in a timber yard will have different requirements to passenger boat.

TWL has skilled people to help you get the best system for your application.

Power Core*

Part Number	Outlet	Orientation	Air Flow (CFM)	Monting	Main	Safety	Vac Valve
D090266	4" (102mm)	Vertical	290	Intergrated	P641175	P606121	P112803
D100366	5" (127mm)	Vertical	459	Intergrated	P957050	P601560	P112803
D100398	5" (127mm)	Horizontal	512	Intergrated	P957050	P601560	P112803
D100390	6" (152mm)	Vertical	533	Intergrated	P641172	P601560	P112803
D140110	7" (178mm)	Vertical	759	Intergrated	P621983	P621984	P112803



FPG Style

Part Number	Outlet/Inlet	Outlet	Air Flow (CFM)	Monting Band	Main	Safety	Vac Valve
G057511	2" (51mm)	Straight	64	H008443	P821575	P822858	P522958
G057512	2" (51mm)	90°	64	H008443	P821575	P822858	P522958
G065424	2.5" (64mm)	Straight	109	H008444	P822768	P822769	P158914
G065411	2.5" (64mm)	90°	109	H008444	P822768	P822769	P158914
G070017	3" (76mm)	Straight	124	H002070	P827653	P829332	P158914
G070018	3" (76mm)	90°	124	H002070	P827653	P829332	P158914
G082525	3.5" (89mm) x 3.75" (95mm)	Straight	166	H002023	P828889	P829333	P158914
G082526	3.5" (89mm) x 3.75" (95mm)	90°	166	H002023	P828889	P829333	P158914



DuraLite ECB

Part Number	Outlet	Air Flow (CFM)	Body Ø (mm)	Body Length (mm)	Duty
B085001	3" (76mm)	275	216	279	Standard
B085048	3" (76mm)	275	216	279	High Humidity
B085011	4" (102mm)	279	216	279	Standard
B105020	4" (102mm)	381	266	266	High Humidity
B105006	4" (102mm)	448	266	266	Standard
B125011	5" (127mm)	699	318	228	Hi Flow / Low Dust
B085056	5.9" (150mm)	971	196	260	High Humidity
B120376	7.9" (200mm)	1550	318	400	Hi Flow / Low Dust



DuraLite ECC

Part Number	Outlet	Air Flow (CFM)	Body Ø (mm)	Body Length (mm)	Duty
C045001	1.5" (38mm)	42	116	114	Reinforced, higher pulsation
C055003	1.75" (44mm)	64	140	102	Reinforced, higher pulsation
C065002	1.9" (49mm)	109	165	190	Reinforced, higher pulsation
C065003	2.25" (57mm)	120	165	127	Reinforced, higher pulsation
C085002	2.5" (64mm)	131	216	165	Reinforced, higher pulsation
C085003	3" (76mm)	152	216	127	Reinforced, higher pulsation
C085004	3" (76mm)	170	216	241	Reinforced, higher pulsation
C105004	4" (102mm)	399	267	267	Standard
C125004	5" (127mm)	671	318	280	Standard



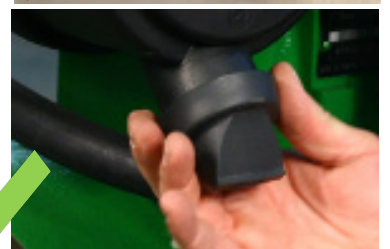
Note: these are the common sizes we endeavour to keep in stock, other variations available on request

CFM is measured at 4" (102mm) H2O, this is the low restriction level.

Changing on restriction:

To get the best life from your air filter it is best to focus on the restriction indicator, this will tell you when the filter is nearing its end of life based on the ability to flow air. The Filter media (paper) is multi layered meaning you cannot see if the inner layers are blocked or not, in fact the dust on these layers is likely to be embedded or trapped. This means that trying to “blow” the filter out will do very little and is more likely to contaminate the clean side of the filter. Remember, just because a filter looks dirty doesn’t mean it’s not working how it should, in fact it’s probably doing a better job than a brand-new filter as the trapped dirt is now part of the filter helping to trap more dirt.

Pulling filters out to inspect them does more damage than good, it allows a build-up of dirt from around the seal a chance of contaminating the clean side of the element. Best practise is “Fit it, Leave it” until the restriction indicator tells you a new filter is required, this will save you time and money while being better for the engine.



Bad habits that should be broken:

1. Don not use any form of compressed air to try and “clean” an air filter. There is a very high chance of damage to the media, and the air flow creates a vortex that will suck the dust to the inside.
2. Never hit or “tap” the filter to remove dust, the embedded dust will never be released with a tap.
3. Do not have your filters washed, it is estimated that every time you wash an air filter it reduces the dust holding by 20-40% thus shorting any future service life. Plus, the filter will then be void of any factory warranty.
4. Inspect the Vacuator Valve, often forgotten but if this is missing or damaged your air filter life will be dramatically reduced.



OPERATING SINCE 1966

We love a challenge when it comes to identifying parts and finding solutions. If you can't see what you need in here, just ask!

Whangarei

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Pukekohe

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