



# ENDURAPANEL<sup>®</sup>

ADVANCED TECHNOLOGY  
IN AIR FILTRATION



FOR MEDIUM & HEAVY-DUTY EQUIPMENT





## ADVANCED AIR FILTRATION TECHNOLOGY **ENDURAPANEL®**



## MEETING DEMANDS FOR **DESIGN FLEXIBILITY**

The EnduraPanel line includes primary and secondary filters. The horizontally-pleated media in single and dual element designs provides the maximum amount of filter media with ample air flow.

- **Compact design provides flexibility to accommodate various engine configurations and space constraints**
- **Up to 50% smaller than conventional air filters to fit in tight areas without compromising performance or capacity**

You invest a lot in your equipment and can't afford the downtime or expense caused by premature parts failure. Highly efficient air filtration can help protect your engine from the dirt and debris common on most worksites.

Even the most efficient air filter, cannot do its job if it becomes damaged under tough working conditions. A compromised filter could cause contamination to pass around and through the media, allowing unfiltered air to reach your engine.

Baldwin's line of EnduraPanel air filters are built to last. Delivering superior efficiency throughout the entire service interval, Baldwin EnduraPanel air filters provide the protection needed to get the job done.

## CONSTRUCTED FOR **RUGGED DURABILITY**

Baldwin's EnduraPanel heavy-duty air filters represent a major advance in air filtration technology.

EnduraPanel air filters combine high efficiency and capacity in an extremely rugged, compact design. These durable filters are built to go the distance, providing outstanding protection for hard-working equipment.



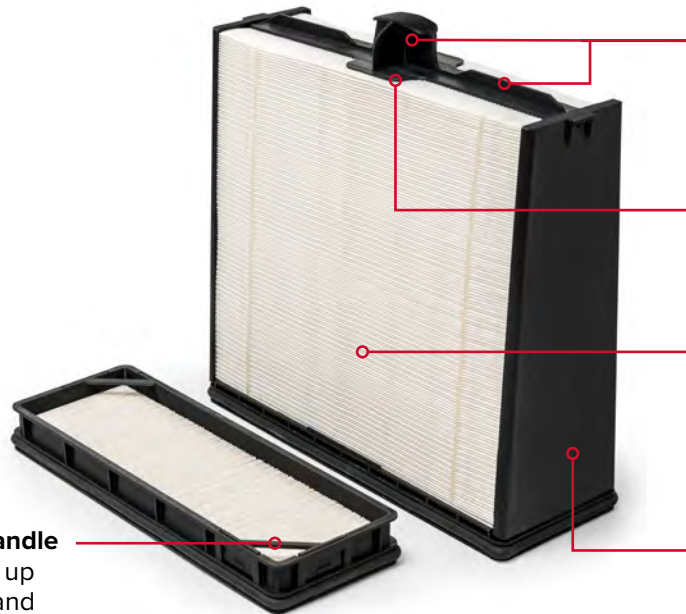
# BUILT SOLID FOR **LASTING PROTECTION**

You can't afford breakdowns; you need a filter that will last. Baldwin EnduraPanel air filters are reinforced for durability and performance over the entire service interval, even under the toughest conditions.



**Expanded Metal Support** provides added stability and structural strength to prevent the media pack from collapsing

**Secondary Filter's Vertical Sliding Handle** lays flat and raises up for easy handling and installation



**Easy Grip and Top Side Handles** make installation and removal easier and prevent media damage

**Grip Handle Base** protects media from damage caused by the housing lid

**Horizontal Pleating Formation** allows media to be solidly embedded into the end cap, reducing the number of possible leak paths

**High Strength, Injection Molded Frame** provides superior strength to prevent structural failure

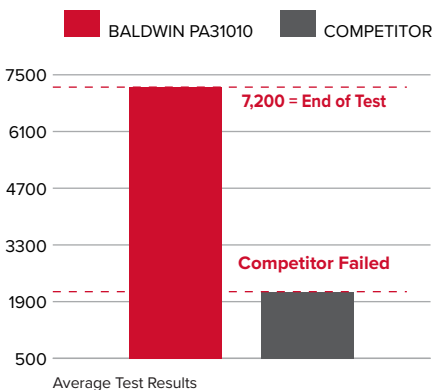
# TESTED FOR **STRUCTURAL ENDURANCE**

Rigorous structural endurance testing shows the EnduraPanel design is built to perform in tough conditions. In proprietary tests simulating "real world" vibration, pressure and temperature variations, EnduraPanel remained intact and undamaged every single time.

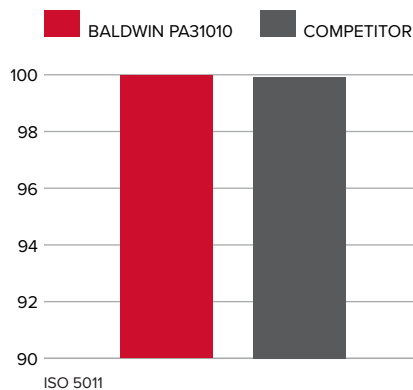
The Baldwin EnduraPanel did not experience media distortion, separation or glue-bead cracking, which can result in leak paths that allow contaminants to pass through and around the filter media. The EnduraPanel air filters experienced no contaminant bypass or other signs of failure.

EnduraPanel air filters deliver uncompromising efficiency and capacity to protect engines under the toughest conditions.

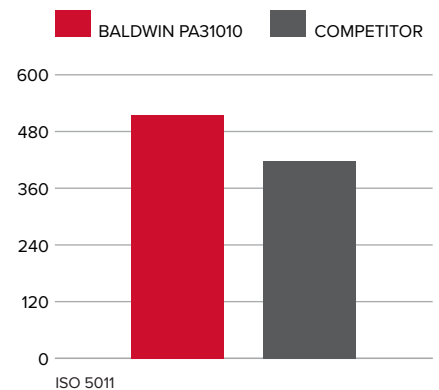
## STRUCTURAL ENDURANCE (Cycles)



## EFFICIENCY (%)



## CAPACITY (g)



## CROSS-REFERENCE

BALDWIN	OE	DONALDSON	FLEETGUARD	LUBER-FINER	WIX
<b>PA31000</b>	5261250 (Cummins) 11Q910180 (Hyundai) 2217025 (Wirtgen)	DBA5293	AF55015	–	WA17015
<b>PA31001</b>	5261252 (Cummins) 11Q910190 (Hyundai) 2217026 (Wirtgen)	P633484	AF55309	–	WA10809
<b>PA31002</b>	5261249 (Cummins) 11LL45180PB (Hyundai) 2216429 (Vogele) 2220358 (Wirtgen)	DBA5292	AF55014	–	WA10714
<b>PA31003</b>	5261251 (Cummins) 11LL45190PB (Hyundai) 2220366 (Wirtgen)	P633483	AF55308	–	WA10808
<b>PA31004</b>	70024177 (JLG)	DBA5290	AF55020	–	WA10864
<b>PA31005</b>	700738184 (Agco)	P638061	AF55312	–	WA10812
<b>PA31006</b>	700738183 (Agco) 5288553 (Cummins) 70024175 (JLG)	DBA5294	AF55021	–	WA10721
<b>PA31007</b>	5310325 (Cummins)	P638062	AF55320	–	WA10865
<b>PA31008</b>	2392907 (Wirtgen)	–	AF55024	–	–
<b>PA31009</b>	R344420 (John Deere)	–	AF55318	–	–
<b>PA31010</b>	7286652 (Bobcat)	DBA5307	–	–	WA10860
<b>PA31011</b>	7010031 (Bobcat)	P636749	–	–	WA10861
<b>PA31012</b>	5261248 (Cummins)	DBA5291	AF55005	–	WA10705
<b>PA31013</b>	5310323 (Cummins)	DBA5306	AF55030	–	WA10730
<b>PA31014</b>	5310324 (Cummins)	P636750	AF55321	–	–
<b>PA31015</b>	R553819 (John Deere)	–	–	–	–

## APPLICATIONS

BALDWIN	TYPE	APPLICATIONS
<b>PA31000</b> (Pri) <b>PA31001</b> (Sec)	Dual	Hyundai R330LC-9A Excavator, Wirtgen W100Fi, W120Fi, W130Fi, W150i, W210i Cold Milling Machines with Cummins QSL9 Engine
<b>PA31002</b> (Pri) <b>PA31003</b> (Sec)	Single	Hyundai R480LC-9A Excavator with Cummins QSX11.9 Engine; Wirtgen W250i Cold Milling Machine with Cummins QSL9 Engine, W200i, WR240i, W250i Cold Milling Machines with Cummins QSX15 Engine; Vogele Super 1803-3, Super 2100-3 Pavers with Cummins QSB6.7 Engine
<b>PA31004</b> (Pri) <b>PA31005</b> (Sec)* <b>PA31007</b> (Sec)	Dual	SkyTrak 6036, 6042, 8042, 10042, 10054 Telehandlers with Cummins QSB3.3 Engine
<b>PA31006</b> (Pri) <b>PA31005</b> (Sec)* <b>PA31007</b> (Sec)	Dual	Massey Ferguson WR9725 Windrower with Cummins 3.3L Engine; Skyjack VR1056D Telehandler with Cummins QSB3.3 Engine
<b>PA31008</b> (Pri) <b>PA31009</b> (Sec)	Single	Cummins QSM12 (Final Tier 4), QSX15 (Final Tier 4) Engines
<b>PA31010</b> (Pri) <b>PA31011</b> (Sec)	Single	Bobcat A770, S770, S850, T770, T870 Skid Steer Loaders with Kubota V3800-DI-T Engine; Bobcat S750, T750 Skid Steer Loaders with Kubota V3800T Engine; Bobcat S740 Skid Steer Loader with Doosan D34 Engine
<b>PA31012</b> (Pri)	Single	Hyundai Excavators with Cummins QSB6.7, QSL9 Engines, Ford F-750 with Cummins QSB6.7
<b>PA31013</b> (Pri) <b>PA31014</b> (Sec)	Single	Bobcat S450 Loader with 1.8L Engine; S510, T450, T590, T630, T650 Loaders with 2.4L Engine, S510 with V2203 (Tier II) Engine; S450 Loader with Doosan D18 Engine, S450, S530, S550, S570, S590, S595, S630, S650, T550, T595, T630, T650 Loaders with Doosan D24 Engine, TL34.65HF, TL38.70HF Telescopic Handlers with Doosan D34 Engine, T450, S510, S550, T550 Loaders with Kubota Engines, Cummins QSB4.5, QSF2.8, QSF3.8 Engines
<b>PA31015</b> (Pri)	Single	John Deere 9370R Tractor with 6090RW222, 6090RW487 Engines, 9470R, 9470RT, 9470RX, 9520R, 9520RT, 9570RT, 9570RX with 6135RW203 Engine, 9520RX, 9420R, 9520R with 6135RW405 Engine, 9570RX with Cummins QSX15 (14.9L) Engine, 9420RX, 9470RX, 9520RX with PowerTech PSS 13.5L Engine

\* Foam Media for use with a Mass Air Flow (MAF) Sensor



800.822.5394 | baldwinfilters.com

Designed and manufactured in the USA.

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