



TDK-Lambda Americas Inc.
3055 Del Sol Blvd.
San Diego, CA 92154 USA
<http://us.tdk-lambda.com/lp>

June 9, 2011

Re: Obsolescence of MA, MB, MC, MX, MY, MZ, PB & PAN Filters

Dear Valued Customer / Partner,

TDK-Lambda has pursued an aggressive new product launch program over the last several years, enabling us to offer new, leading edge products with smaller package sizes and better performance.

In reviewing sales by product family, we are obsoleting the MA, MB, MC, MX, MY, MZ, PB & PAN filters due to slowing sales and expiring UL safety certifications in the next 2 – 3 years. TDK-Lambda's "R" series, launched in 2009 provides an excellent alternative to most of these products.

On the following pages is a cross reference. Please contact our technical support for additional information. 1-800-526-2324 or email lambda.techsupport@us.tdk-lambda.com

<u>Model series</u>	<u>Last time buy date</u>
MAF, MAS, MBS-12xx-22, MBW, MYW, PBF, PBW	April 1, 2012
MA12, MAW, MB12xx, MBS-13, MBS48, MC, MX, MYB, MZ, PAN, PBP	June 1, 2014

TDK-Lambda recognizes that as a past customer of one or more of these products, you may need additional units until substitution testing is complete or for service spares. We are offering a last time purchase opportunity for these products as noted above. Please understand that these orders would be non-cancelable and non-returnable.

Sincerely,

David Norton
Vice President of Marketing



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Series	Obsolete Model #	Replacement Model #
MA	MA1206	RSEN-2006
	MA1206DIN	RSEN-2006D
	MA1206L	RSEN-2006L
	MA1210	RSEN-2010
	MA1210DIN	RSEN-2010D
	MA1210L	RSEN-2010L
	MA1216	RSEN-2016
	MA1216DIN	RSEN-2016D
	MA1216L	RSEN-2016L
	MA1220	RSEN-2020
	MA1220DIN	RSEN-2020D
	MA1220L	RSEN-2020L
	MA1230	RSEN-2030
	MA1230DIN	RSEN-2030D
MA1230L	RSEN-2030L	
MAF	MAF-1206-33	RSEN-2006
	MAF-1210-33	RSEN-2010
	MAF-1215-33	RSEN-2016
	MAF-1220-33	RSEN-2020
MAS	MAS-1206-33	RSEN-2006
	MAS-1210-33	RSEN-2010
	MAS-1215-33	RSEN-2016
	MAS-1220-33	RSEN-2020
MAW	MAW-1201-22	RSEL-2001
	MAW-1202-22	RSEL-2002
	MAW-1203-22	RSEL-2003
	MAW-1205-22	RSEL-2005
	MAW-12R5-22	RSEL-20R5
MB	MB1206	RSHN-2006
	MB1210	RSHN-2010
	MB1216	RSHN-2016
	MB1220	RSHN-2020
	MB1236	RSHN-2040
	MB1310	RTEN-5010
	MB1320	RTEN-5020
	MB1330	RTEN-5030
	MB1340	RTEN-5040
	MB1350	RTEN-5050
MBS	MBS-1310-33	RTEN-5010
	MBS-1320-33	RTEN-5020
	MBS-1330-33	RTEN-5030
	MBS-1340-33	RTEN-5040
	MBS-1350-33	RTEN-5050
	MBS4830	Contact Factory
	MBS4850	
	MBS4850S	
	MBS4850SF	



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	MBS-1205-22	RSEN-2006
	MBS-1210-22	RSEN-2010
	MBS-1215-22	RSEN-2016
	MBS-1220-22	RSEN-2020
	MBS-1230-22	RSHN-2030
MBW	MBW-1201-22	RSEL-2001W
	MBW-1202-22	RSEL-2002W
	MBW-1203-22	RSEL-2003W
	MBW-1205-22	RSEL-2006W
	MBW-12R5-22	RSEL-20R5W
MC	MC1206	RSEN-2006
	MC1206DIN	RSEN-2006D
	MC1206L	RSEN-2006L
	MC1210	RSEN-2010
	MC1210DIN	RSEN-2010D
	MC1210L	RSEN-2010L
	MC1216	RSEN-2016
	MC1216DIN	RSEN-2016D
	MC1216L	RSEN-2016L
	MC1220	RSEN-2020
	MC1220DIN	RSEN-2020D
	MC1220L	RSEN-2020L
	MC1230	RSEN-2030
	MC1230DIN	RSEN-2030D
	MC1230L	RSEN-2030L
	MC1306	RTEN-5006
	MC1306DIN	RTEN-5006D
	MC1310	RTEN-5010
	MC1310DIN	RTEN-5010D
	MC1320	RTEN-5020
MC1320DIN	RTEN-5020D	
MC1330	RTEN-5030	
MC1330DIN	RTEN-5030D	
MX	MX1206	RSHN-2006
	MX1206DIN	RSHN-2006D
	MX1206L471	RSHN-2006L
	MX1210	RSHN-2010
	MX1210DIN	RSHN-2010D
	MX1210L471	RSHN-2010L
	MX1216	RSHN-2016
	MX1216DIN	RSHN-2016
	MX1216L471	RSHN-2016L
	MX1220	RSHN-2020
	MX1220DIN	RSHN-2020D
	MX1220L471	RSHN-2020L
	MX1230	RSHN-2030
	MX1230DIN	RSHN-2030D
	MX1230L471	RSHN-2030L
	MX13030	RTHB-5030
	MX13050	RTHB-5050



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	MX13100	RTHB-5100
	MX13150	RTHB-5150
MXB	MXB-1206-33	RSMN-2006
	MXB-1210-33	RSMN-2010
	MXB-1220-33	RSMN-2020
	MXB-1230-33	RSMN-2030
	MXB-13050-33	RTHN-5050
	MXB-13080-33	RTHN-5080
	MXB-13100-33	RTHN-5100
	MXB-13150-33	RTHN-5150
MYB	MYB-1206-33	RSAN-2006
	MYB-1210-33	RSAN-2010
	MYB-1220-33	RSAN-2020
	MYB-1230-33	RSAN-2030
MYW	MYW-1203-22	RSEL-2003W
	MYW-1205-22	RSEL-2006W
MZ	MZ1206	RSAN-2006
	MZ1206DIN	RSAN-2006D
	MZ1206L	RSAN-2006L
	MZ1210	RSAN-2010
	MZ1210DIN	RSAN-2010D
	MZ1210L	RSAN-2010L
	MZ1216	RSAN-2016
	MZ1216DIN	RSAN-2016D
	MZ1216L	RSAN-2016L
	MZ1220	RSAN-2020
	MZ1220DIN	RSAN-2020D
	MZ1220L	RSAN-2020L
	MZ1230	RSAN-2030
	MZ1230DIN	RSAN-2030D
	MZ1230L	RSAN-2030L
MZS	MZS-1206-33	RSAN-2006
	MZS-1210-33	RSAN-2010
	MZS-1215-33	RSAN-2016
	MZS-1220-33	RSAN-2020
PAN	PAN4820	Contact Factory
PBF	PBF-1201-22	RSEL-2001A
	PBF-1202-22	RSEL-2002A
	PBF-1203-22	RSEL-2003A
	PBF-1206-22	RSEL-2006A
PBP	PBP-3201-22	Contact Factory
	PBP-3202-22	
	PBP-3203-22	
	PBP-3204-22	
PBW	PBW-1201-33	RSEL-2001W
	PBW-1202-33	RSEL-2002W
	PBW-1203-33	RSEL-2003W
	PBW-1206-33	RSEL-2006W

Series	Obsolete Model #	Replacement Model #
MA	MA1206	RSEN-2006
	MA1206DIN	RSEN-2006D
	MA1206L	RSEN-2006L
	MA1210	RSEN-2010
	MA1210DIN	RSEN-2010D
	MA1210L	RSEN-2010L
	MA1216	RSEN-2016
	MA1216DIN	RSEN-2016D
	MA1216L	RSEN-2016L
	MA1220	RSEN-2020
	MA1220DIN	RSEN-2020D
	MA1220L	RSEN-2020L
	MA1230	RSEN-2030
	MA1230DIN	RSEN-2030D
MA1230L	RSEN-2030L	
MAF	MAF-1206-33	RSEN-2006
	MAF-1210-33	RSEN-2010
	MAF-1215-33	RSEN-2016
	MAF-1220-33	RSEN-2020
MAS	MAS-1206-33	RSEN-2006
	MAS-1210-33	RSEN-2010
	MAS-1215-33	RSEN-2016
MAW	MAS-1220-33	RSEN-2020
	MAW-1201-22	RSEL-2001
	MAW-1202-22	RSEL-2002
	MAW-1203-22	RSEL-2003
	MAW-1205-22	RSEL-2005
MAW-12R5-22	RSEL-20R5	
MB	MB1206	RSHN-2006
	MB1210	RSHN-2010
	MB1216	RSHN-2016
	MB1220	RSHN-2020
	MB1236	RSHN-2040
	MB1310	RTEN-5010
	MB1320	RTEN-5020
	MB1330	RTEN-5030
	MB1340	RTEN-5040
MB1350	RTEN-5050	
MBS	MBS-1310-33	RTEN-5010
	MBS-1320-33	RTEN-5020
	MBS-1330-33	RTEN-5030
	MBS-1340-33	RTEN-5040
	MBS-1350-33	RTEN-5050
	MBS4830	Contact Factory
	MBS4850	
	MBS4850S	
	MBS4850SF	
	MBS-1205-22	RSEN-2006
	MBS-1210-22	RSEN-2010
	MBS-1215-22	RSEN-2016
	MBS-1220-22	RSEN-2020
	MBS-1230-22	RSHN-2030
MBW	MBW-1201-22	RSEL-2001W
	MBW-1202-22	RSEL-2002W
	MBW-1203-22	RSEL-2003W
	MBW-1205-22	RSEL-2006W
	MBW-12R5-22	RSEL-20R5W
	MC1206	RSEN-2006
	MC1206DIN	RSEN-2006D
	MC1206L	RSEN-2006L
	MC1210	RSEN-2010
	MC1210DIN	RSEN-2010D
	MC1210L	RSEN-2010L
	MC1216	RSEN-2016
	MC1216DIN	RSEN-2016D
	MC1216L	RSEN-2016L
	MC1220	RSEN-2020
MC1220DIN	RSEN-2020D	

MC	MC1220L	RSEN-2020L
	MC1230	RSEN-2030
	MC1230DIN	RSEN-2030D
	MC1230L	RSEN-2030L
	MC1306	RTEN-5006
	MC1306DIN	RTEN-5006D
	MC1310	RTEN-5010
	MC1310DIN	RTEN-5010D
	MC1320	RTEN-5020
	MC1320DIN	RTEN-5020D
	MC1330	RTEN-5030
	MC1330DIN	RTEN-5030D
	MX	MX1206
MX1206DIN		RSHN-2006D
MX1206L471		RSHN-2006L
MX1210		RSHN-2010
MX1210DIN		RSHN-2010D
MX1210L471		RSHN-2010L
MX1216		RSHN-2016
MX1216DIN		RSHN-2016
MX1216L471		RSHN-2016L
MX1220		RSHN-2020
MX1220DIN		RSHN-2020D
MX1220L471		RSHN-2020L
MX1230		RSHN-2030
MX1230DIN		RSHN-2030D
MX1230L471		RSHN-2030L
MX13030		RTHB-5030
MX13050		RTHB-5050
MX13100		RTHB-5100
MX13150	RTHB-5150	
MXB	MXB-1206-33	RSMN-2006
	MXB-1210-33	RSMN-2010
	MXB-1220-33	RSMN-2020
	MXB-1230-33	RSMN-2030
	MXB-13050-33	RTHN-5050
	MXB-13080-33	RTHN-5080
	MXB-13100-33	RTHN-5100
MXB-13150-33	RTHN-5150	
MYB	MYB-1206-33	RSAN-2006
	MYB-1210-33	RSAN-2010
	MYB-1220-33	RSAN-2020
	MYB-1230-33	RSAN-2030
MYW	MYW-1203-22	RSEL-2003W
	MYW-1205-22	RSEL-2006W
MZ	MZ1206	RSAN-2006
	MZ1206DIN	RSAN-2006D
	MZ1206L	RSAN-2006L
	MZ1210	RSAN-2010
	MZ1210DIN	RSAN-2010D
	MZ1210L	RSAN-2010L
	MZ1216	RSAN-2016
	MZ1216DIN	RSAN-2016D
	MZ1216L	RSAN-2016L
	MZ1220	RSAN-2020
	MZ1220DIN	RSAN-2020D
	MZ1220L	RSAN-2020L
	MZ1230	RSAN-2030
	MZ1230DIN	RSAN-2030D
MZ1230L	RSAN-2030L	
MZS	MZS-1206-33	RSAN-2006
	MZS-1210-33	RSAN-2010
	MZS-1215-33	RSAN-2016
	MZS-1220-33	RSAN-2020
PAN	PAN4820	Contact Factory
PBF	PBF-1201-22	RSEL-2001A
	PBF-1202-22	RSEL-2002A
	PBF-1203-22	RSEL-2003A
	PBF-1206-22	RSEL-2006A

PBP	PBP-3201-22	Contact Factory
	PBP-3202-22	
	PBP-3203-22	
	PBP-3204-22	
PBW	PBW-1201-33	RSEL-2001W
	PBW-1202-33	RSEL-2002W
	PBW-1203-33	RSEL-2003W
	PBW-1206-33	RSEL-2006W