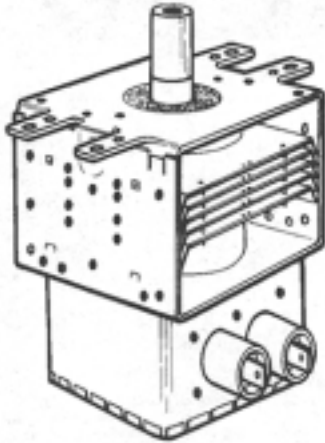




**Micro-Line™ REPLACEMENT PARTS**

**Magnetron Replacement**

Main Electronic Supplies Ltd  
 604-872-0267 Fax 604-872-0268



**MAGNETRON  
 IDENTIFICATION  
 THE SIMPLE WAY...  
 AS EASY AS 1 2 3 !**



There are approximately five manufacturers of microwave oven magnetrons in the world, and these manufacturers are located in the Far East. Anyone manufacturing a microwave oven must purchase the magnetron from one of these manufacturers.

What this means is that many microwave manufacturers use the same or similar magnetrons and that many are interchangeable. QB Products' engineers have spent years identifying many of these magnetrons and have published the most comprehensive cross-reference in the industry (pages 11 through 14 and the cross reference section found in the back of this catalog).

QB Products has also made magnetron identification *as easy as 1 2 3 !*

**ELECTRICAL CHARACTERISTICS: MATCH UP kV RATING**



The electrical characteristics of a magnetron cannot be determined without elaborate testing equipment or the manufacturers' spec sheets. Therefore, you must rely on the research done by our microwave engineers. Look for your industry # below to obtain your kV rating.

4.35 kV	4.1 kV	3.8 kV	Other kV tubes not replaced by standard QB magnetrons (only direct replacements available)
2M244	0M52 2M108 2M172 2M226	2M189	2M45 2M142 2M205
2M246	0M55 2M115 2M188 2M228	2M207	2M53* 2M150 2M250
2M247	0M72 2M128 2M200 2M229	2M209	2M53A* 2M151 2M259
2M248	0M75 2M140 2M204 2M233	2M211	2M115 2M153 2M262
	2M53 2M152 2M208 2M236	2M213	2M121 2M156 2M266
	2M57 2M157 2M210 2M238	2M216	2M125 2M162
	2M71 2M158 2M214 2M240	2M220	2M130 2M164
	2M101 2M160 2M217 2M245	2M221	2M131 2M181
	2M103 2M161 2M218 2M253	2M223	2M137 2M186
	2M105 2M163 2M219 2M254	2M230	2M141 2M203
	2M106 2M167 2M222 2M500	2M231	
	2M107 2M170 2M224 2M700	2M234	<i>*Round Updraft Tube, Obsolete</i>

Please note: Use of the wrong kV rated magnetron will result in one or more of the following:

1. Magnetron will not go into oscillation.
2. Magnetron will not function properly, or it will overheat.
3. Magnetron life will be reduced substantially.

**Magnetrons**  
pages 5-10

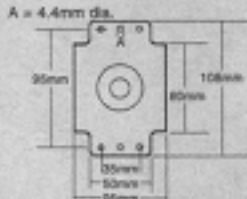
**FINDING YOUR MAGNETRON...**

- All magnetrons are listed in the following order for ease in locating:  
 1. kV Rating: 4.35, 4.1, 3.8, 3.5  
 2. Size: Standard, Compact, Subcompact  
 3. Configuration: E, GA, G, H, J, K  
 4. Antenna: 30, 20

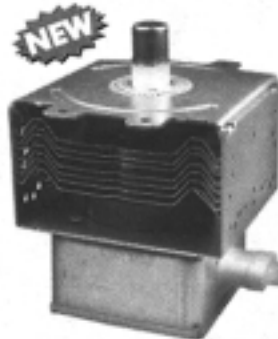
**4.35 kV Rating**



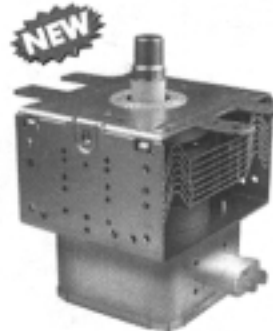
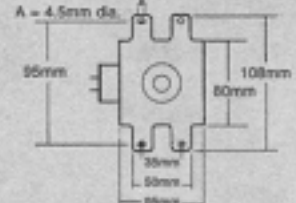
Peak Anode Voltage: **4.35 kV**  
 Type: **Standard**  
 Configuration: **H**  
 Antenna: **30 mm**  
 Power Rating: **900-1000 Watts**  
 QBP #: **10QBP1001**



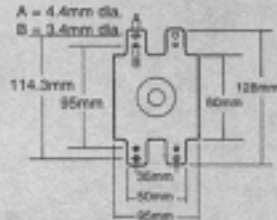
**4.35 kV Rating (contd.)**



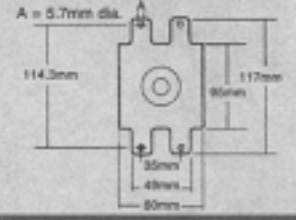
Peak Anode Voltage: **4.35 kV**  
 Type: **Standard**  
 Configuration: **J**  
 Antenna: **30 mm**  
 Power Rating: **900-1000 Watts**  
 QBP #: **10QBP1002**



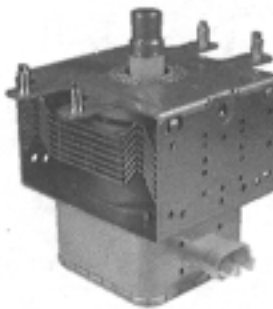
Peak Anode Voltage: **4.35 kV**  
 Type: **Standard**  
 Configuration: **H**  
 Antenna: **30 mm**  
 Power Rating: **900-1000 Watts**  
 QBP #: **10QBP1003**



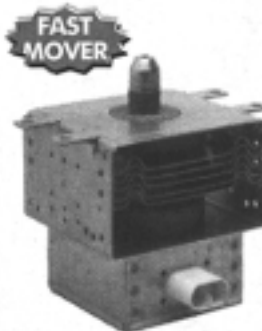
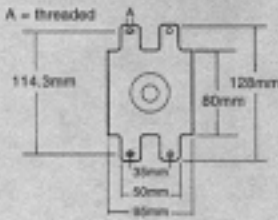
Peak Anode Voltage: **4.35 kV**  
 Type: **Standard**  
 Configuration: **K**  
 Antenna: **30 mm**  
 Power Rating: **900-1000 Watts**  
 QBP #: **10QBP1004**



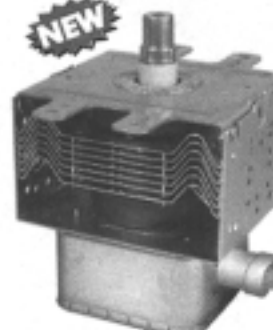
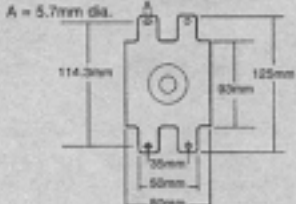
**4.1 kV Rating**



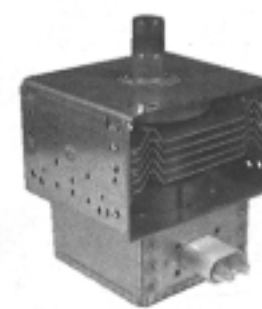
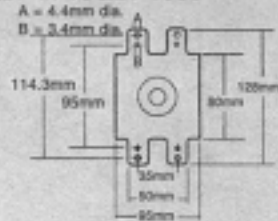
Peak Anode Voltage: **4.35 kV**  
 Type: **Standard**  
 Configuration: **J**  
 Antenna: **30 mm**  
 Power Rating: **1000 Watts**  
 QBP #: **10QBP1000**



Peak Anode Voltage: **4.1 kV**  
 Type: **Standard**  
 Configuration: **E**  
 Antenna: **30 mm**  
 Power Rating: **700-850 Watts**  
 QBP #: **10QBP0235**



Peak Anode Voltage: **4.35 kV**  
 Type: **Standard**  
 Configuration: **J**  
 Antenna: **30 mm**  
 Power Rating: **900-1000 Watts**  
 QBP #: **10QBP1005**



Peak Anode Voltage: **4.1 kV**  
 Type: **Standard**  
 Configuration: **GA**  
 Antenna: **30 mm**  
 Power Rating: **700-800 Watts**  
 QBP #: **10QBP0256**



Continued on page 6.

**Magnetrons**

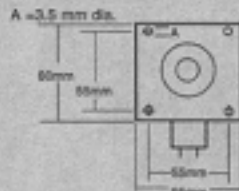
pages 5-10

**4.1 kV Rating (contd.)**



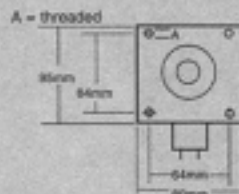
**NEW**

Peak Anode Voltage: **4.1 kV**  
 Type: *Standard*  
 Configuration: *GA*  
 Antenna: **30 mm**  
 Power Rating: **700-850 Watts**  
 QBP #: **10QBP0267**

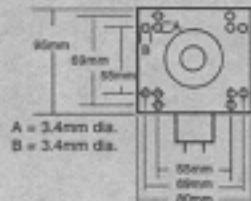


**NEW**

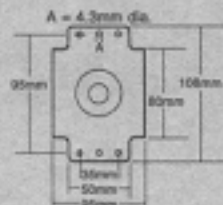
Peak Anode Voltage: **4.1 kV**  
 Type: *Standard*  
 Configuration: *G*  
 Antenna: **30 mm**  
 Power Rating: **700-850 Watts**  
 QBP #: **10QBP0265**



Peak Anode Voltage: **4.1 kV**  
 Type: *Standard*  
 Configuration: *G*  
 Antenna: **30 mm**  
 Power Rating: **700-800 Watts**  
 QBP #: **10QBP0246**



Peak Anode Voltage: **4.1 kV**  
 Type: *Standard*  
 Configuration: *H*  
 Antenna: **30 mm**  
 Power Rating: **700-800 Watts**  
 QBP #: **10QBP0248**

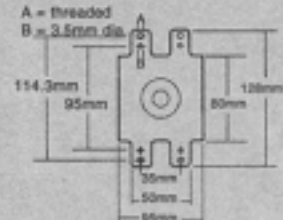


**4.1 kV Rating (contd.)**

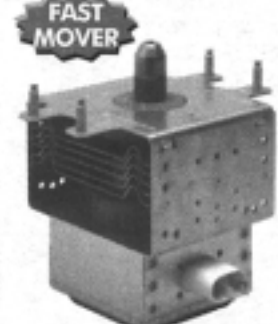


**FAST MOVER**

Peak Anode Voltage: **4.1 kV**  
 Type: *Standard*  
 Configuration: *H*  
 Antenna: **30 mm**  
 Power Rating: **700-850 Watts**  
 QBP #: **10QBP0231**

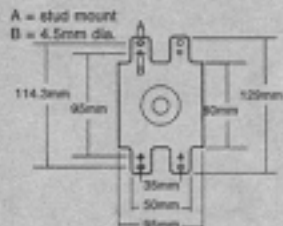


PLEASE NOTE: Stud kit included.



**FAST MOVER**

Peak Anode Voltage: **4.1 kV**  
 Type: *Standard*  
 Configuration: *J*  
 Antenna: **30 mm**  
 Power Rating: **700-850 Watts**  
 QBP #: **10QBP0229**

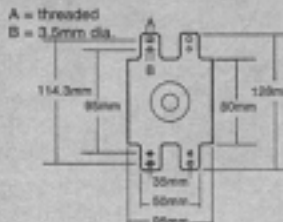


PLEASE NOTE: May have thread-in studs instead of permanent studs. May have individual filament terminal insulators in place of dual.



**FAST MOVER**

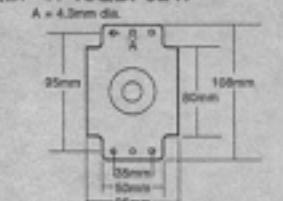
Peak Anode Voltage: **4.1 kV**  
 Type: *Standard*  
 Configuration: *J*  
 Antenna: **30 mm**  
 Power Rating: **700-850 Watts**  
 QBP #: **10QBP0230**



PLEASE NOTE: Will replace 10QBP0229 when stud kit is used. Stud kit included.



Peak Anode Voltage: **4.1 kV**  
 Type: *Standard*  
 Configuration: *J*  
 Antenna: **30 mm**  
 Power Rating: **700-800 Watts**  
 QBP #: **10QBP0247**

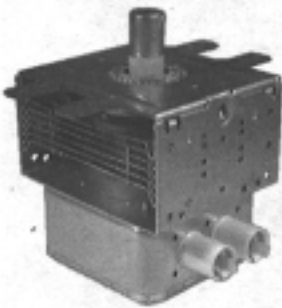


Continued on page 7.

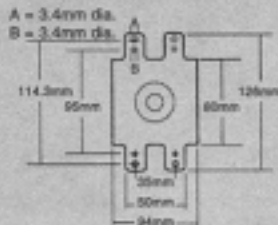
**Magnetrons**

pages 5-10

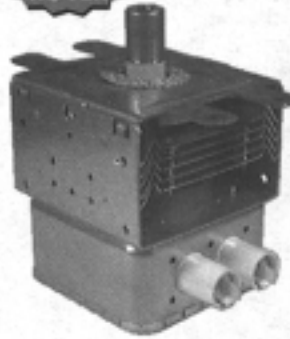
**4.1 kV Rating (contd.)**



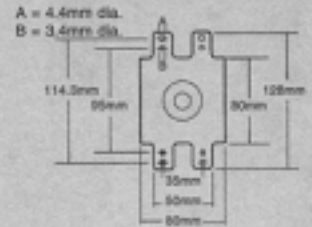
Peak Anode Voltage: **4.1 kV**  
 Type: **Standard**  
 Configuration: **J**  
 Antenna: **30 mm**  
 Power Rating: **700-800 Watts**  
 QBP #: **10QBP0259**



**FAST MOVER**



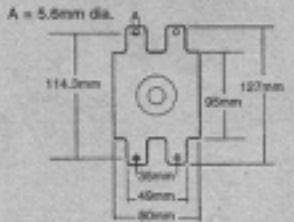
Peak Anode Voltage: **4.1 kV**  
 Type: **Compact**  
 Configuration: **H**  
 Antenna: **30 mm**  
 Power Rating: **700-850 Watts**  
 QBP #: **10QBP0226**



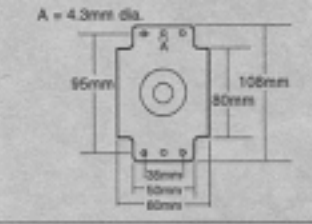
**FAST MOVER**



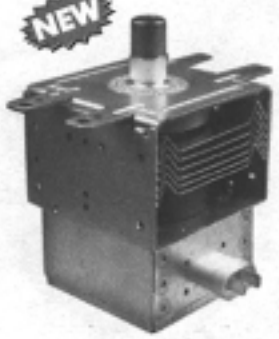
Peak Anode Voltage: **4.1 kV**  
 Type: **Standard**  
 Configuration: **K**  
 Antenna: **30 mm**  
 Power Rating: **700-850 Watts**  
 QBP #: **10QBP0232**



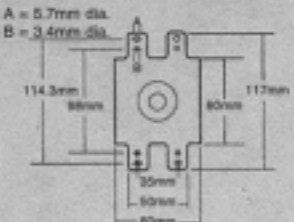
Peak Anode Voltage: **4.1 kV**  
 Type: **Compact**  
 Configuration: **H**  
 Antenna: **30 mm**  
 Power Rating: **700-800 Watts**  
 QBP #: **10QBP0249**



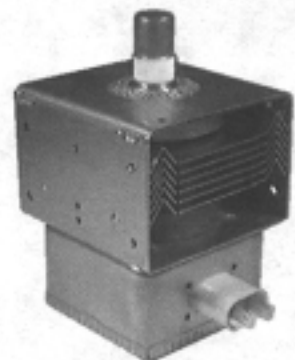
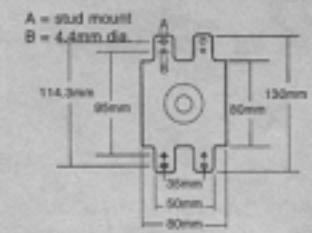
**NEW**



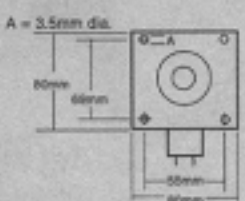
Peak Anode Voltage: **4.1 kV**  
 Type: **Compact**  
 Configuration: **E**  
 Antenna: **20 mm (low profile)**  
 Power Rating: **700-850 Watts**  
 QBP #: **10QBP0239**



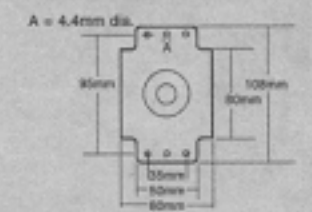
Peak Anode Voltage: **4.1 kV**  
 Type: **Compact**  
 Configuration: **H**  
 Antenna: **30 mm**  
 Power Rating: **700-800 Watts**  
 QBP #: **10QBP0253**



Peak Anode Voltage: **4.1 kV**  
 Type: **Compact**  
 Configuration: **G**  
 Antenna: **30 mm**  
 Power Rating: **700-800 Watts**  
 QBP #: **10QBP0254**



Peak Anode Voltage: **4.1 kV**  
 Type: **Compact**  
 Configuration: **H**  
 Antenna: **20 mm (low profile)**  
 Power Rating: **700-800 Watts**  
 QBP #: **10QBP0236**



Continued on page 8.

**Magnetrons**

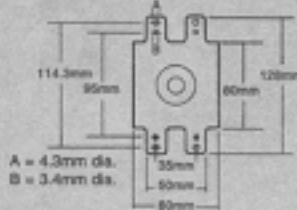
pages 5-10

**FAST MOVER**



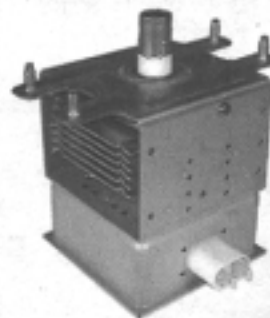
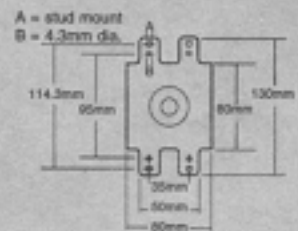
**4.1 kV Rating (contd.)**

Peak Anode Voltage: **4.1 kV**  
 Type: **Compact**  
 Configuration: **H**  
 Antenna: **20 mm (low profile)**  
 Power Rating: **700-850 Watts**  
 QBP #: **10QBP0238**



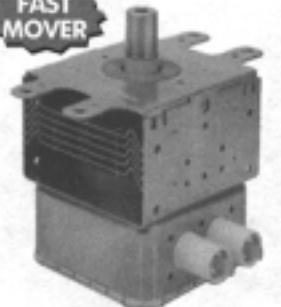
**4.1 kV Rating (contd.)**

Peak Anode Voltage: **4.1 kV**  
 Type: **Compact**  
 Configuration: **J**  
 Antenna: **30 mm**  
 Power Rating: **700-800 Watts**  
 QBP #: **10QBP0250**

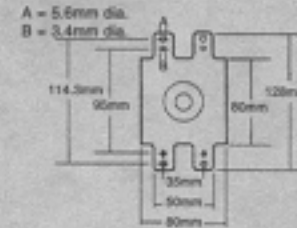


**PLEASE NOTE:** Air fins indented to accept air duct on some Sanyo models.

**FAST MOVER**

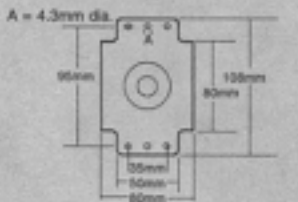


Peak Anode Voltage: **4.1 kV**  
 Type: **Compact**  
 Configuration: **J**  
 Antenna: **30 mm**  
 Power Rating: **700-800 Watts**  
 QBP #: **10QBP0234**



**PLEASE NOTE:** Replaces 10QBP0227 when mounting nuts and bolts are used.

Peak Anode Voltage: **4.1 kV**  
 Type: **Compact**  
 Configuration: **J**  
 Antenna: **30 mm**  
 Power Rating: **700-800 Watts**  
 QBP #: **10QBP0251**

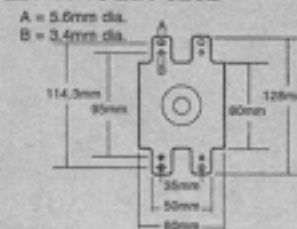


**PLEASE NOTE:** Air fins indented to accept air duct on some Sanyo models. For applications requiring four elongated slots on top plate to accept tabs on waveguide, use 10QBP0263.

**NEW**

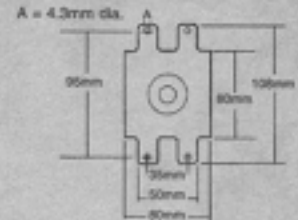


Peak Anode Voltage: **4.1 kV**  
 Type: **Compact**  
 Configuration: **J**  
 Antenna: **30 mm**  
 Power Rating: **700-800 Watts**  
 QBP #: **10QBP0262**

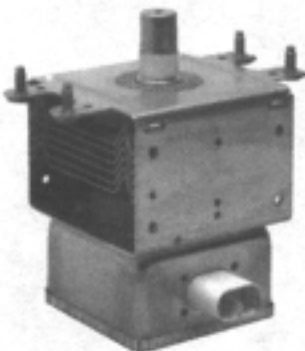
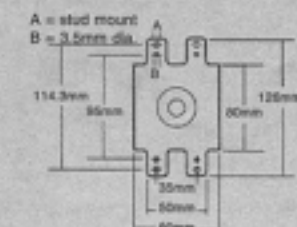


**PLEASE NOTE:** Air fins indented to accept air duct on some Sanyo models.

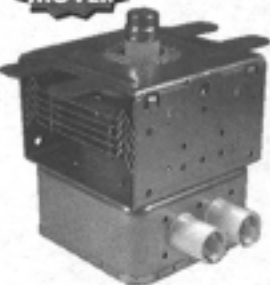
Peak Anode Voltage: **4.1 kV**  
 Type: **Compact**  
 Configuration: **J**  
 Antenna: **30 mm**  
 Power Rating: **700-800 Watts**  
 QBP #: **10QBP0257**



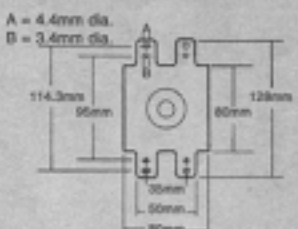
Peak Anode Voltage: **4.1 kV**  
 Type: **Compact**  
 Configuration: **J**  
 Antenna: **30 mm**  
 Power Rating: **700-800 Watts**  
 QBP #: **10QBP0227**



**FAST MOVER**



Peak Anode Voltage: **4.1 kV**  
 Type: **Compact**  
 Configuration: **J**  
 Antenna: **20 mm (low profile)**  
 Power Rating: **700-850 Watts**  
 QBP #: **10QBP0237**

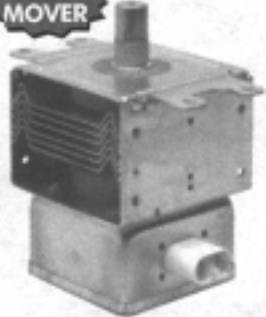


Continued on page 9.

**Magnetrons**

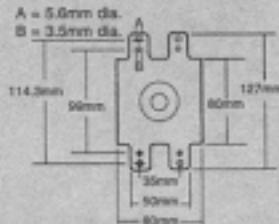
pages 5-10

**FAST MOVER**



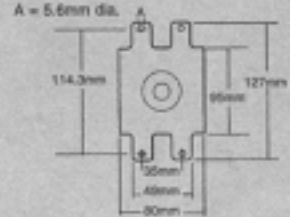
**4.1 kV Rating (contd.)**

Peak Anode Voltage: **4.1 kV**  
 Type: **Compact**  
 Configuration: **K**  
 Antenna: **30 mm**  
 Power Rating: **700-800 Watts**  
 QBP #: **10QBP0228**

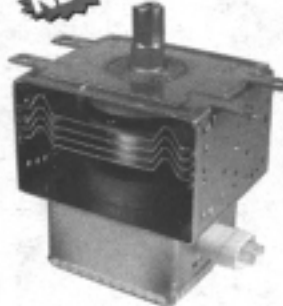


**3.8 kV Rating**

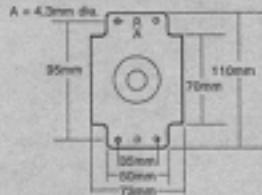
Peak Anode Voltage: **3.8 kV**  
 Type: **Standard**  
 Configuration: **K**  
 Antenna: **30 mm**  
 Power Rating: **600-650**  
 QBP #: **10QBP0308**



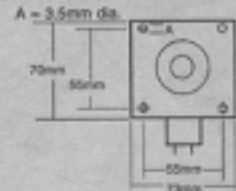
**NEW**



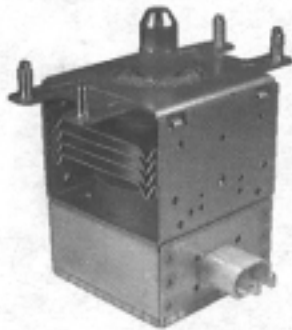
Peak Anode Voltage: **4.1 kV**  
 Type: **Subcompact**  
 Configuration: **H**  
 Antenna: **20 mm (low profile)**  
 Power Rating: **500-600 Watts**  
 QBP #: **10QBP0300**



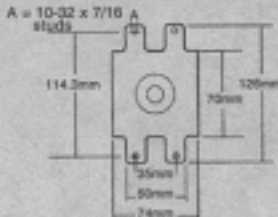
Peak Anode Voltage: **3.8 kV**  
 Type: **Subcompact**  
 Configuration: **G**  
 Antenna: **30 mm**  
 Power Rating: **500-600 Watts**  
 QBP #: **10QBP0303**



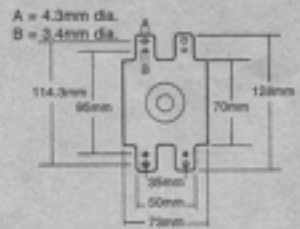
**FAST MOVER**



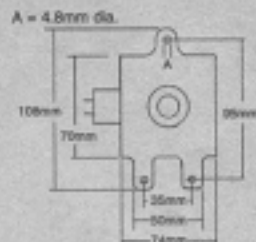
Peak Anode Voltage: **4.1 kV**  
 Type: **Subcompact**  
 Configuration: **J**  
 Antenna: **30 mm**  
 Power Rating: **500 Watts**  
 QBP #: **10QBP0911**



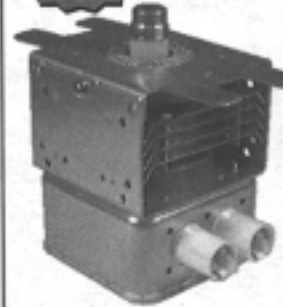
Peak Anode Voltage: **3.8 kV**  
 Type: **Subcompact**  
 Configuration: **H**  
 Antenna: **30 mm**  
 Power Rating: **500-650 Watts**  
 QBP #: **10QBP0311**



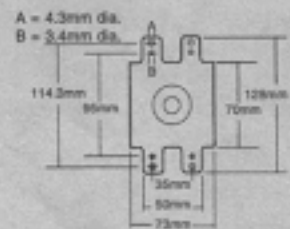
Peak Anode Voltage: **4.1 kV**  
 Type: **Subcompact**  
 Configuration: **J**  
 Antenna: **30 mm**  
 Power Rating: **500 Watts**  
 QBP #: **10QBP0912**



**FAST MOVER**

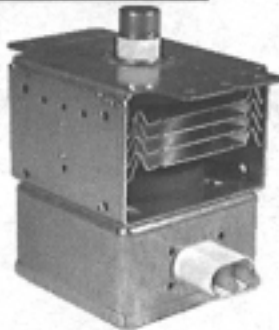


Peak Anode Voltage: **3.8 kV**  
 Type: **Subcompact**  
 Configuration: **H**  
 Antenna: **20 mm (low profile)**  
 Power Rating: **500-650 Watts**  
 QBP #: **10QBP0313**



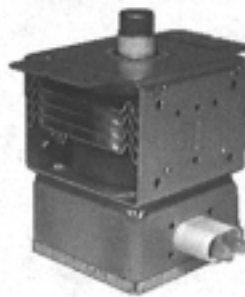
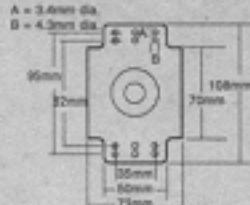
**Magnetrons**

pages 5-10



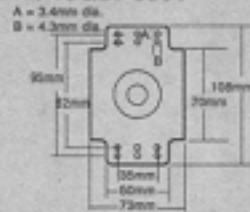
**3.8 kV Rating (contd.)**

Peak Anode Voltage: **3.8 kV**  
 Type: **Subcompact**  
 Configuration: **H**  
 Antenna: **20 mm (low profile)**  
 Power Rating: **500-600 Watts**  
 QBP #: **10QBP0302**

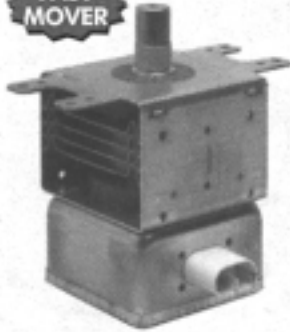


**3.8 kV Rating (contd.)**

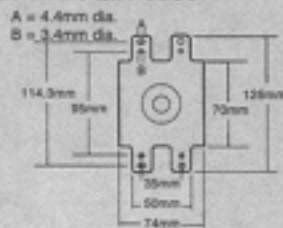
Peak Anode Voltage: **3.8 kV**  
 Type: **Subcompact**  
 Configuration: **J**  
 Antenna: **20 mm (low profile)**  
 Power Rating: **500-600 Watts**  
 QBP #: **10QBP0301**



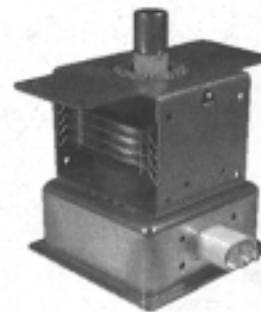
**FAST MOVER**



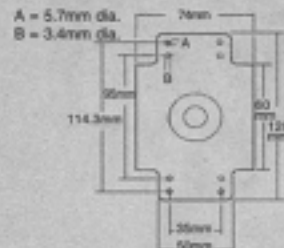
Peak Anode Voltage: **3.8 kV**  
 Type: **Subcompact**  
 Configuration: **J**  
 Antenna: **30 mm**  
 Power Rating: **500-600 Watts**  
 QBP #: **10QBP0233**



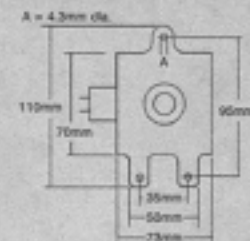
**3.5 kV Rating**



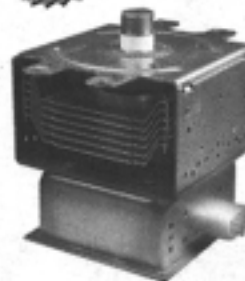
Peak Anode Voltage: **3.5 kV**  
 Type: **Standard**  
 Configuration: **J**  
 Antenna: **30 mm**  
 Power Rating: **500-600 Watts**  
 QBP #: **10QBP0255**



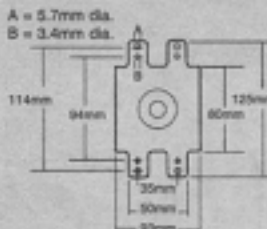
Peak Anode Voltage: **3.8 kV**  
 Type: **Subcompact**  
 Configuration: **J**  
 Antenna: **30 mm**  
 Power Rating: **500 Watts**  
 QBP #: **10QBP0306**



**NEW**



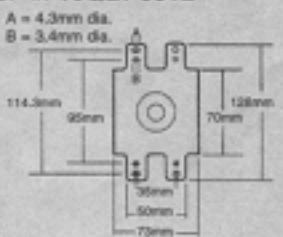
Peak Anode Voltage: **3.5 kV**  
 Type: **Standard**  
 Configuration: **J**  
 Antenna: **20 mm (low profile)**  
 Power Rating: **500-600 Watts**  
 QBP #: **10QBP0264**



**FAST MOVER**



Peak Anode Voltage: **3.8 kV**  
 Type: **Subcompact**  
 Configuration: **J**  
 Antenna: **20 mm (low profile)**  
 Power Rating: **500-650 Watts**  
 QBP #: **10QBP0312**



**Magnetron Mounting Hardware**



**QBP # 98QBP0929**  
Nuts, Pkg. of 4.  
Size 5mm.



**QBP #98QBP0928**  
Bolts, Pkg. of 4.  
Size 5mm.

**CROSS REFERENCE for Magnetrons by Part #** pages 11-14

**PLEASE NOTE:** This section is in OEM/Magnetron part number order. If you are locating the magnetron by brand/model number, please go to the cross reference section in the back of this catalog. This cross reference is copyrighted information, © QB Products 1999.

**FYI**

When more than one magnetron is listed, please check the configuration to be sure you choose the correct magnetron.

OEM Part #	QBP#	OEM Part #	QBP#	OEM Part #	QBP#
A101	10QBP0230	QBP57BJ(FN)3	10QBP0251	RV-MZA130WREO	10QBP0256
A2231129	10QBP0229	QBP65AH(FN)	10QBP0313	RV-MZA131WREO	10QBP0231
C8761701	10QBP0229	QBP65AJ(FN)	10QBP0312	RV-MZA135WREO	10QBP0303
C8761702	10QBP0230	QBP65BG(FN)	10QBP0303	RV-MZA143WREO	10QBP0231
C8761704	10QBP0229	QBP65BH(FN)	10QBP0311	RV-MZA148WREO	10QBP0226
C8761707	10QBP0229	QBP75BH(FN)	10QBP0231	RV-MZA152WREO	10QBP0256
C8761708	10QBP0229	QBP75BJ(FN)	10QBP0230	RV-MZA153WREO	10QBP0259
C8761709	10QBP0229	QBP75BK(FN)	10QBP0232	RV-MZA159WREO	10QBP0313
C8761711	10QBP0229	QBP94AK(FN)	10QBP0228	RV-MZA162WREO	10QBP0234
C8761713	10QBP0229	QBP95AH(FN)	10QBP0248	RV-MZA166WREO	10QBP0231
C8761714	10QBP0229	QBP95AK(FN)	10QBP1004	RV-MZA167WREO	10QBP0230
C8761715	10QBP0229	QM00057D25	10QBP0231	RV-MZA170WREO	10QBP0303
DE03-30012A	10QBP0232	QM00057D38	10QBP0232	RV-MZA171WREO	10QBP0234
DE03-30019A	10QBP0232	QM00057D39	10QBP0232	RV-MZA173WREO	10QBP0259
DE03-30035A	10QBP0232	Q000198421	10QBP0233	RV-MZA174WREO	10QBP0226
DE03-3005A	10QBP0232	Q000198481	10QBP0230	RV-MZA187WREO	10QBP0300
D7831001	10QBP0234	Q032512042	10QBP0265	RV-MZA189WREO	10QBP0231
D7831002	10QBP0234	Q032512043	10QBP0230	RV-MZA192WREO	10QBP0267
D7831003	10QBP0234	Q032512841	10QBP0230	RV-MZA193WREO	10QBP0267
D7831004	10QBP0234	RV-MZA003WREO	10QBP0233	RV-MZA195WREO	10QBP0311
D7831005	10QBP0226	RV-MZA005WREO	10QBP0230	RV-MZA196WREO	10QBP0226
FV-MZ0033YBKO	10QBP0264	RV-MZA007WREO	10QBP0229	RV-MZA197WREO	10QBP0231
FV-MZ0041YBKO	10QBP0231	RV-MZA008WREO	10QBP0230	RV-MZA198WREO	10QBP0311
FV-MZ0044YBKO	10QBP0229	RV-MZA010WREO	10QBP0311	RV-MZA203WREO	10QBP0259
FV-MZ0078WRKO	10QBP0229	RV-MZA011WREO	10QBP0230	RV-MZA207WREO	10QBP1001
FV-MZ0079WRKO	10QBP0231	RV-MZA012WREO	10QBP0311	RV-MZA216WREO	10QBP1005
FV-MZ0080WRKO	10QBP0240	RV-MZA013WREO	10QBP0311	RV-MZA222WREO	10QBP0231
FV-MZ0081WRKO	10QBP0230	RV-MZA023WREO	10QBP0229	RV-MZA224WREO	10QBP0233
FV-MZ0083WRKO	10QBP0232	RV-MZA027WREO	10QBP0303	RV-MZA230WREO	10QBP0311
FV-MZ0091WRKO	10QBP0231	RV-MZA029WREO	10QBP0303	RV-MZA235WREO	10QBP0230
FV-MZ0093WRKO	10QBP0229	RV-MZA031WREO	10QBP0311	RV-MZA239WREO	10QBP1003
FV-MZ0102MRKO	10QBP0230	RV-MZA034WREO	10QBP0254	RV-MZA240WREO	10QBP0303
FV-MZ0103WRKO	10QBP0231	RV-MZA037WREO	10QBP0313	RV-MZA242WREO	10QBP0230
FV-MZ0111WRKO	10QBP0230	RV-MZA042WREO	10QBP0231	RV-MZA245WREO	10QBP0230
FV-MZ0114MRKO	10QBP0230	RV-MZA043WREO	10QBP0256	RV-MZA254WREO	10QBP0233
FV-MZ0115MRKO	10QBP0230	RV-MZA044WREO	10QBP2809	RV-MZA255WREO	10QBP0230
FV-MZ0118WRKO	10QBP0240	RV-MZA047WREO	10QBP0231	RV-MZA256WREO	10QBP0231
FV-MZ0120WRKO	10QBP0232	RV-MZA051WREO	10QBP0313	RV-MZA266WREO	10QBP0230
FV-MZ0125WRKO	10QBP0229	RV-MZA068WREO	10QBP0303	RV-MZA267WREO	10QBP0231
FV-MZ0126MRKO	10QBP0229	RV-MZA072/KIT	10QBP0230	RV-MZA268WREO	10QBP0311
FV-MZ0127WRKO	10QBP0246	RV-MZA072WREO	10QBP0230	RV-MZA271WREO	10QBP0231
FV-MZ0130WRKO	10QBP0230	RV-MZA073WREO	10QBP0230	RV-MZA279WREO	10QBP0231
FV-MZ0132WRKO	10QBP0229	RV-MZA074WREO	10QBP0226	RV-MZB005MRKO	10QBP0233
FV-MZ0138WRKO	10QBP0229	RV-MZA080WREO	10QBP0254	RV-MZ0041YBKO	10QBP0231
FV-MZ0140WRKO	10QBP0230	RV-MZA086WREO	10QBP0231	RV-MZ0144MRKO	10QBP0230
FV-MZ0143WRKO	10QBP0264	RV-MZA087WREO	10QBP0313	RV-MZ0151WREO	10QBP0230
FV-MZ0144MRKO	10QBP0230	RV-MZA089WREO	10QBP0259	RV-MZ0152WREO	10QBP0240
FV-MZ0146WRKO	10QBP0231	RV-MZA091WREO	10QBP0311	RV-MZ0154WREO	10QBP0230
		RV-MZA093WREO	10QBP0246	RV-MZ0155WREO	10QBP0230
		RV-MZA099WREO	10QBP0234	RV-MZ0161WREO	10QBP0230
		RV-MZA101WREO	10QBP0259	RV-MZ0165WREO	10QBP0311
		RV-MZA102/KIT	10QBP0230	RV-MZ0166WREO	10QBP0231
		RV-MZA102WREO	10QBP0259	RV-MZ0167WREO	10QBP0230
		RV-MZA103WREO	10QBP0256	RV-M3A005WREO	10QBP0229
		RV-MZA105WREO	10QBP0912	R0156818	10QBP0230
		RV-MZA106WREO	10QBP0226	R0157374	10QBP0229
		RV-MZA108WREO	10QBP0304	R0157453	10QBP0230
		RV-MZA112WREO	10QBP0303	R0713501	10QBP0230
		RV-MZA114WREO	10QBP0231	R0713502	10QBP0232
		RV-MZA120WREO	10QBP0267	R0813501	10QBP0265
		RV-MZA122WREO	10QBP0303	R0813502	10QBP0233



**CROSS REFERENCE for Magnetrons by Part #** pages 11-14

OEM Part #	QBP#	OEM Part #	QBP#	OEM Part #	QBP#	OEM Part #	QBP#
R0813504	100BP0229	ZY010821	100BP0229	2B71732B	100BP0251	2M167BM62	100BP0231
R0813505	100BP0230	0047079	100BP0229	2B71732C	100BP0251	2M167B(32)	100BP0229/230/ 231/232
R0813507	100BP0230	01040005	100BP0232	2B71860C	100BP0301	2M167B(51)	100BP0230
R0813508	100BP0230	01040006	100BP0232	2B72173A	100BP0233	2M167B(61)	100BP0259
R0863501	100BP0232	05200074	100BP0230	2B72643A	100BP0238	2M167B(62)	100BP0231
R0863502	100BP0232	05200163	100BP0232	2B72740B	100BP0257	2M167B(63C)	100BP0230
WB27X0232	100BP0231	05600115	100BP0230	2B73104A	100BP1002	2M167B(67)	100BP0259
WB27X0245	100BP0230	08009462	100BP0230	2B73104B	100BP1002	2M167C	100BP0229/230/ 231/232
WB27X0256	100BP0232	08012891	100BP0230	2B73147A	100BP0228	2M167M10	100BP0229
WB27X0274	100BP0233	08014396	100BP0232	2M101CX7	100BP0229	2M167M12	100BP0231
WB27X0335	100BP0911	08037541	100BP0233	2M107	100BP0229/230/ 231/232	2M167M14	100BP0231
WB27X0337	100BP0232	08037620	100BP0230	2M107A	100BP0229/230/ 231/232	2M167M15	100BP0232
WB27X0348	100BP0230	08950113	100BP0230	2M107A92	100BP0229	2M167M2	100BP0229
WB27X0358	100BP0231	1008-5728	100BP0235	2M107A97	100BP0229	2M167M6	100BP0230
WB27X0433	100BP0303	1011-3751	100BP0229	2M107A106	100BP0229	2M170	100BP0229/230/ 231/232
WB27X0445	100BP0256	101463	100BP0231	2M107A300	100BP0229	2M170-10	100BP0232
WB27X0460	100BP0229	101464	100BP0234	2M107A301	100BP0230	2M170-26	100BP0229
WB27X0476	100BP0230	1040001	100BP0229	2M107A304	100BP0229	2M172A	100BP0229/230/ 231/232
WB27X0511	100BP0304	1040004	100BP0229	2M107H254	100BP0230	2M172A(DWI)	100BP0265
WB27X0536	100BP0250	10494402	100BP0230	2M108	100BP0229/230/ 231/232	2M172AG(L)	100BP0256
WB27X0550	100BP0254	1127-7488	100BP0265	2M1246J	100BP1000	2M172AH	100BP0231
WB27X0597	100BP0232	1129-7488	100BP0265	2M127JE1	100BP0230	2M172AHM	100BP0231
WB27X0618	100BP0912	1131-1147	100BP0229	2M128A	100BP0229/230/ 231/232	2M172AJ	100BP0229
WB27X0682	100BP0234	1133-1147	100BP0229	2M128AA	100BP0229/230/ 231/232	2M172AJ(A)	100BP0229
WB27X0706	100BP0232	1146-1985	100BP0232	2M128B1	100BP0230	2M172AJ(LI)	100BP0229
WB27X0715	100BP0912	115T423P02	100BP0230	2M128C	100BP0230	2M172AJ(V)	100BP0229
WB27X0748	100BP0235	1205-9572	100BP0233	2M128D	100BP0231	2M172AJM	100BP0229
WB27X0757	100BP0230	1223-0538	100BP0232	2M128G	100BP0229/230/ 231/232	2M172AJSS	100BP0229
WB27X0764	100BP0230	1229-0318	100BP0232	2M140A	100BP0229/230/ 231/232	2M172AJY	100BP0229
WB27X0767	100BP0912	1230-6817	100BP0311	2M140A(11)	100BP0231	2M172AK	100BP0232
WB27X10017	100BP0230	1231-4936	100BP0232	2M140A87	100BP0232	2M172H	100BP0231
WB27X10083	100BP0230	1248-2980	100BP0232	2M140A97	100BP0229	2M172HE	100BP0231
WB27X10090	100BP0232	12664	100BP0229	2M140H	100BP0231	2M172J	100BP0229
WB27X1114	100BP0232	1271-2253	100BP0230	2M140H1	100BP0231	2M172JAK	100BP0229
WB27X232	100BP0231	1271-3855	100BP0230	2M140J	100BP0230	2M172JAM	100BP0229
WB27X245	100BP0230	1285-0798	100BP0230	2M140M	100BP0230	2M172JB	100BP0229
WB27X256	100BP0232	1287-1532	100BP0229	2M140M	100BP0230	2M172JB1	100BP0229
WB27X274	100BP0233	1287-9532	100BP0230	2M154(K)	100BP0231	2M172JE	100BP0229
WB27X283	100BP0230	1292-8248	100BP0306	2M157LM2	100BP0229	2M172JF	100BP0229
WB27X335	100BP0911	1303-1612	100BP0233	(W/STD. MOUNTING SPACING)		2M172JSA	100BP0229
WB27X337	100BP0232	1311-5977	100BP0232	2M157LM2L	100BP0229	2M172JSAN	100BP0229
WB27X348	100BP0230	1311-9219	100BP0230	(W/STD. MOUNTING SPACING)		2M172JSB	100BP0229
WB27X358	100BP0231	1311-9573	100BP0230	2M157M2	100BP0229	2M172JYC	100BP0229
WB27X433	100BP0303	1323-0057	100BP0229	(W/STD. MOUNTING SPACING)		2M172JYCN	100BP0229
WB27X445	100BP0256	1323-0065	100BP0911	2M157M2L	100BP0229	2M172K	100BP0232
WB27X460	100BP0230	1334-9584	100BP0227	(W/STD. MOUNTING SPACING)		2M172Y	100BP0265
WB27X476	100BP0230	1339-9787	100BP0229	2M157M3	100BP0231	2M189B-M1	100BP0308
WB27X511	100BP0304	1341-5435	100BP0230	(W/STD. MOUNTING SPACING)		2M189B-M1F	100BP0308
WB27X5111	100BP0232	1350-9955	100BP0230	2M157M4	100BP0230	2M189B-M1F1	100BP0308
WB27X5142	100BP0229	1362-7358	100BP0301	(W/STD. MOUNTING SPACING)		2M189-M4	100BP0233/311
WB27X5144	100BP0232	1362-7385	100BP0301	2M157M5	100BP0229	2M189-M4H	100BP0311
WB27X5255	100BP0230	1365-1724	100BP0235	2M158	100BP0231	2M189-MAJ	100BP0233
WB27X5320	100BP0265	1366-3901	100BP0306	2M158HD	100BP0231	2M200CX1	100BP0231
WB27X5334	100BP0229	1369-5135	100BP0229/230	2M158JF	100BP0229	2M203-02	100BP0264
WB27X536	100BP0250	1374-9478	100BP0257	2M158JS	100BP0229	2M204M1	100BP0232
WB27X5387	100BP0229	1385-4385	100BP0911	2M161	100BP0229/230/ 231/232	2M204M1S	100BP0235
WB27X5410	100BP0230	1393-3270	100BP0257	2M167A	100BP0229	2M204M2	100BP0234
WB27X5478	100BP0234	1394-6975	100BP0301	2M167AM10	100BP0229	2M204M3	100BP0234
WB27X550	100BP0254	1398-8399	100BP0258	2M167AM15	100BP0231	2M204M5	100BP0231
WB27X582	100BP0230	147200	100BP0230	2M167AM6	100BP0230	2M205J(MI)	100BP0255
WB27X597	100BP0232	2B70015A	100BP0232	2M167B	100BP0229/230/ 231/232/246	2M208	100BP0234
WB27X618	100BP0912	2B70076A	100BP0233	2M167B10	100BP0229	2M208J	100BP0234
WB27X682	100BP0234	2B70121A	100BP0232	2M167B12	100BP0229	2M208JB	100BP0234
WB27X706	100BP0232	2B70334A	100BP0230	2M167BM10	100BP0229	2M209AM11	100BP0233
WB27X715	100BP0912	2B71165A	100BP0227	2M167BM12	100BP0231	2M209G	100BP0912
WB27X748	100BP0235	2B71165B	100BP0227/234	2M167BM14	100BP0231	2M209H	100BP0311
WB27X764	100BP0230	2B71165C	100BP0227	2M167BM15	100BP0232		
WB27X767	100BP0912	2B71165D	100BP0227				
WB27X866	100BP0234	2B71165E	100BP0228				
WB27X950	100BP0232	2B71165J	100BP0239				
WB27X972	100BP0232	2B71732A	100BP0251				
WB27X977	100BP0229						

CROSS REFERENCE for Magnetrons by Part # pages 11-14

OEM Part #	QBP#	OEM Part #	QBP#	OEM Part #	QBP#	OEM Part #	QBP#
2M209J	10QBP0233	2M219JB	10QBP0247	2M248J(L)	10QBP1005	32512818	10QBP0265
2M210	10QBP0232	2M219JH	10QBP0230	2M248J(V)	10QBP1000	32512823	10QBP0229
2M210H	10QBP0231	2M22(52)	10QBP0313	2M248K	10QBP1004	32512824	10QBP0230
2M210J	10QBP0230	2M220M11	10QBP0910	2M500G	10QBP0232	32512825	10QBP0229
2M210M1	10QBP0232	2M220M2	10QBP0302	2M57A	10QBP0229/230/ 231/232	3518002200	10QBP0249
2M210M1C	10QBP0232	2M223	10QBP0302			360835-049	10QBP0232
2M210M1C1	10QBP0232	2M223H	10QBP0313	2MPO0G	10QBP0229	396112000	10QBP0230
2M210M1E	10QBP0232	2M223J	10QBP0312	2032-200-1101	10QBP0230	415-000-2006	10QBP0229
2M210M1F	10QBP0232	2M223(29)	10QBP0302	2033-200-1108	10QBP0306	415-000-2204	10QBP0229
2M210M1F1	10QBP0232	2M223-02	10QBP0313	2039-001-0809	10QBP0229	415-000-2303	10QBP0231
2M210M1S	10QBP0232	2M223-09	10QBP0301	2039-001-0924	10QBP0231	415-000-2709	10QBP0231
2M210M1SA	10QBP0232	2M223-49	10QBP0302	2039-001-0942	10QBP0311	415-000-3409	10QBP0231
2M210M2	10QBP0229	2M224	10QBP0229/230/ 231/232	2039-001-0979	10QBP0229	415-000-4109	10QBP0229
2M210M62	10QBP0231			2039-001-0997	10QBP0231	415-000-4503	10QBP0253
2M210(64)	10QBP0256	2M224-M9	10QBP0230	2039-001-1030	10QBP0230	415-000-4604	10QBP0231
2M211AM11	10QBP0233	2M224(62)	10QBP0231	2039-001-1035	10QBP0229	415-000-4703	10QBP0231
2M211BM10	10QBP0233	2M226	10QBP0229/230/ 231/232	2039-001-1044	10QBP0230	415-000-4802	10QBP0231
2M211HM3	10QBP0306			2039-001-1053	10QBP0231	415-000-5007	10QBP0231
2M211J	10QBP0233	2M226H	10QBP0231	2039-001-106	10QBP0229	415-000-5304	10QBP0229
2M211M3	10QBP0306	2M226J	10QBP0230	2039-001-1062	10QBP0230	415-000-5601	10QBP0229
2M213	10QBP0233	2M226K	10QBP0232	2039-001-1080	10QBP0231	415-000-5700	10QBP0229
(IF CONE & MOUNTING SAME)		2M226(519F)	10QBP0232	2039-001-109	10QBP0911	415-000-5900	10QBP0229
2M213-09	10QBP0233	2M228H	10QBP0238	2039-001-1099	10QBP0911	415-000-5908	10QBP0229
2M213-11	10QBP0233	2M228J	10QBP0237	2039-001-111	10QBP0911	415-000-6509	10QBP0234
2M213-55	10QBP0233	2M228H	10QBP0226	2039-001-1150	10QBP0229	415-000-6608	10QBP0234
2M213H	10QBP0311	2M229H(L)H	10QBP0226	2039-001-117	10QBP0229	415-000-7704	10QBP0227
2M213H22	10QBP0303	2M229J	10QBP0234/227	2039-001-1178	10QBP0229	415-000-7803	10QBP0250
2M213J	10QBP0233	2M229J(L)	10QBP0234	2039-001-1239	10QBP0231	415-000-7902	10QBP0251
2M214	10QBP0234	2M229J(L)R	10QBP0234	2039-001-125	10QBP0911	415-000-8008	10QBP0250
2M214-02	10QBP0234	2M229K	10QBP0228	2039-001-1257	10QBP0911	415-000-8503	10QBP0253
2M214-04	10QBP0254	2M230H	10QBP0313	2039-001-131	10QBP0910	415-000-9203	10QBP0250
2M214-09	10QBP0227	2M230H(L)	10QBP0313	2039-001-1318	10QBP0234/227	415-000-9609	10QBP0231
2M214-10	10QBP0227	2M230HIF	10QBP0302	2039-001-139	10QBP0229	415-000-9708	10QBP0230
2M214-16	10QBP0226	2M230J	10QBP0312	2039-001-1390	10QBP0229	415-001-0902	10QBP0231
2M214-19	10QBP0228	2M231H	10QBP0311	2039-001-147	10QBP0910	415-001-1305	10QBP0231
2M214-19F	10QBP0228	2M231H(L)	10QBP0311	2039-001-1549	10QBP0232	415-001-1701	10QBP0229
2M214-240GF	10QBP0249	2M231J	10QBP0233	2039-001-1558	10QBP0235	415-001-1909	10QBP0229
2M214-30	10QBP0232	2M233J(M)	10QBP0251	2039-001-1585	10QBP0912	415-001-2104	10QBP0229
2M214-31	10QBP0228	2M234H	10QBP0311	2039-001-1619	10QBP0234	415-001-2203	10QBP0229
2M214-39	10QBP0234/251/257	2M234J	10QBP0233	2039-001-1628	10QBP0911	415-001-2302	10QBP0229
2M214-39F	10QBP0251	2M234-22	10QBP0304	2039-201-1121	10QBP0230	415-001-2906	10QBP0255
2M214-44	10QBP0234	2M234-62	10QBP0303	20834-000	10QBP0233	415-001-3002	10QBP0255
(IF CONE & MOUNTING SAME)		2M236-M1E1	10QBP0232	21208	10QBP0229	415-001-3606	10QBP0231
2M214-5129	10QBP0239	2M236-M1F1	10QBP0232	214-0-1000-00403	10QBP0229	415-001-4009	10QBP0250
2M214-59	10QBP0227	2M238(429)	10QBP0236	2705-0001	10QBP0232	415-001-4207	10QBP0227
2M214H	10QBP0226	2M238H	10QBP0238	2705-0002	10QBP0232	415-001-5006	10QBP0226
2M214J	10QBP0234	2M238J	10QBP0237	2705-0003	10QBP0230	415-001-5808	10QBP0234
2M214K	10QBP0228	2M231J	10QBP0233	2705-0004	10QBP0230	415-001-8205	10QBP0251
2M216G(IF)1	10QBP0303	2M240AH	10QBP0231	2705-0005	10QBP0230	415-001-9301	10QBP0249
2M216H	10QBP0311	2M240AJ	10QBP0229	2705-0006	10QBP0230	415-001-9905	10QBP0247
2M216H(L)	10QBP0311	2M240AK	10QBP0232	3B70076A	10QBP0229	415-002-0307	10QBP0251
2M216J	10QBP0233	2M240E	10QBP0235	3B70076B	10QBP0229	415-002-1502	10QBP0248
2M217H	10QBP0226	2M240H	10QBP0231	3B71077A	10QBP0233	415-002-3308	10QBP1001
2M217HF	10QBP0226	2M240H(12)	10QBP0231	3B71860A	10QBP0301	415-002-6002	10QBP0249
2M217JA	10QBP0227	2M240H(IF)L	10QBP0248	3B71860C	10QBP0301	415-002-6101	10QBP0248
2M217JB	10QBP0251	2M240H(L2)R	10QBP0231	3B73003A	10QBP0302	415-002-6307	10QBP0251
2M217JC	10QBP0250	2M240J	10QBP0229	3B73003C	10QBP0302	415-002-6309	10QBP0247
2M217JJ	10QBP0251	2M240J(L)	10QBP0259	3011673	10QBP0230	415-002-6903	10QBP0251
2M217JS	10QBP0251	2M240K	10QBP0232	3091521	10QBP0233	415-002-7207	10QBP0248
2M218	10QBP0226/227/228/ 234/253 (EXCEPT KENMORE)	2M240K90	10QBP0235	311992	10QBP0230	415-005-0803	10QBP0231
2M218HD	10QBP0253	2M240M	10QBP0230	311995	10QBP0229	4158054	10QBP0234
2M218HN	10QBP0249	2M240-10	10QBP0229	313034	10QBP0230	4158143	10QBP0230
2M218J	10QBP0234	2M240-11	10QBP0230	32512014	10QBP0229	4158395	10QBP0227
(EXCEPT KENMORE)		2M240-21	10QBP0231	32512031	10QBP0265	4158473	10QBP0227
2M218J(S)	10QBP0251	2M244-M1	10QBP1004	32512035	10QBP0265	4158589	10QBP0234
2M218JC	10QBP0250	2M244-M1E	10QBP1004	32512042	10QBP0265	4158798	10QBP0234
2M218JF	10QBP0234/262	2M244-M1F	10QBP1004	32512043	10QBP0230	4-2145-02800	10QBP0231
2M218JG	10QBP0250	2M246J	10QBP1000/1002	32512044	10QBP0230	4-2145-03400	10QBP0231
2M218JS	10QBP0251	2M246K	10QBP1004	32512047	10QBP0233	4-2145-03800	10QBP0231
2M219HB	10QBP0248	2M246-020GF	10QBP1002	32512052	10QBP0230	4-2145-03900	10QBP0231
2M219HBA	10QBP0248	2M247H	10QBP1001	32512069	10QBP0237	4-2145-05100	10QBP0229
2M219J	10QBP0229	2M248H(FN)-N1	10QBP1003	32512079	10QBP0227	4-2145-05600	10QBP0229
		2M248J	10QBP1000	32512082	10QBP0230		

**CROSS REFERENCE for Magnetrons by Part #** pages 11-14

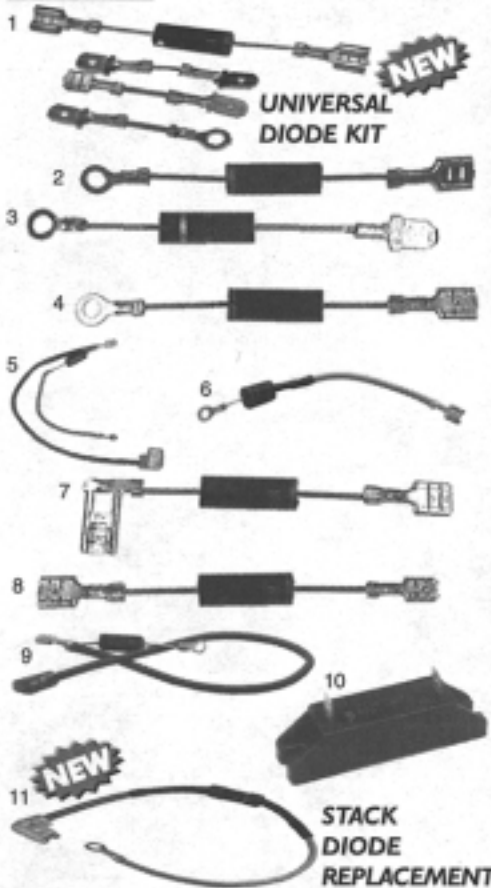
OEM Part #	QBP#	OEM Part #	QBP#	OEM Part #	QBP#	OEM Part #	QBP#
4-214S-05800	100BP0230	5303206781	100BP0230	68550926	100BP0232	72039-001-1150	100BP0229
4-214S-07600	100BP0229	5303207610	100BP0232	68552362	100BP0303	72039-001-117	100BP0229
4-214S-07801	100BP0230	5303207611	100BP0233	68560926	100BP0232	72039-001-1178	100BP0229
4-214S-08100	100BP0230	5303207612	100BP0230	68562910	100BP0229	72039-001-1239	100BP0231
4-214S-08200	100BP0231	5303208885	100BP0313	68566770	100BP0234	72039-001-1257	100BP0911
4-214S-09200	100BP0231	5303210831	100BP0232	68568382	100BP0229	72039-001-131	100BP0230
4-214S-09300	100BP0229	5303269583	100BP0313	68575982	100BP0233	72039-001-1318	100BP0230
4-214S-09500	100BP0229	5303278735	100BP1000	68583039	100BP0259	72039-001-139	100BP0229
4-214S-09900	100BP0231	5303286175	100BP1000	68585775	100BP0234	72039-001-1390	100BP0229
4-214S-10700	100BP0229	5303305417	100BP0251	68586720	100BP0910	72039-001-144	100BP0233
4-214S-10800	100BP0229	530330547	100BP0251	68587786	100BP0256	72039-001-147	100BP0910
4-214S-11200	100BP0231	5308012891	100BP0230	68591325	100BP0300	72039-001-154	100BP0232
4-214S-11600	100BP0230	5308014396	100BP0232	68595886	100BP0233	72039-001-1549	100BP0232
4-214S-11800	100BP0231	5308037541	100BP0233	68605431	100BP0234	72039-001-155	100BP0235
4-214S-12000	100BP0230	5308950113	100BP0230	68611954	100BP0303	72039-001-1558	100BP0235
4-214S-12700	100BP0231	58417384	100BP0229	68626455	100BP0234	72039-001-158	100BP0306
4-214S-12800	100BP0229	617-000-1434	100BP0230	68642906	100BP0232	72039-001-160	100BP0232
4-214S-14000	100BP0229	617-000-1441	100BP0231	6864633	100BP0229	72039-001-1619	100BP0234
4-214S-14100	100BP0229	617-120-6142	100BP0250	68646545	100BP0232	72039-001-162	100BP0911
4-214S-14200	100BP0229	617-167-4781	100BP0251	68658551	100BP0259	72039-001-163	100BP0232
4-214S-14500	100BP0231	63843470	100BP0229	68659930	100BP0232	72039-201-112	100BP0230
4-214S-14700	100BP0231	65517370	100BP0232	68677432	100BP0234	72039-201-1121	100BP0229
4-214S-15000	100BP0234	66BC36465	100BP0230	68683343	100BP0303	73039-001-109	100BP0911
4-214S-15500	100BP0255	660595	100BP0229	68707390	100BP0259	74001045	100BP0230
4-214S-16600	100BP0227	68005116	100BP0232	68707420	100BP0234	748102	100BP0232
4-214S-16700	100BP0250	68012945	100BP0311	68717795	100BP0231	77059-001-800	100BP0232
4-214S-17000	100BP0231	6810778	100BP0231	68724406	100BP0228	77059-002-800	100BP0232
4-214S-17200	100BP0231	68101778	100BP0231	68728533	100BP0303	77059-0028-00	100BP0232
4-214S-17300	100BP0227/250	68104815	100BP0231	68729513	100BP0912	788025	100BP0231
4-214S-17600	100BP0229	68352940	100BP0231	68734460	100BP0234	788149	100BP0232
4-214S-17700	100BP0253	68355184	100BP0231	68734487	100BP0229	788312	100BP0231
4-214S-8200	100BP0231	68363314	100BP0229	68735556	100BP0303	788438	100BP0232
423D003P01	100BP1000	68374588	100BP0231	68744709	100BP0230	788532	100BP0231
423D004P01	100BP1000	68375495	100BP0229	68758149	100BP0306	8012891	100BP0230
423R001P01	100BP0232	68384494	100BP0231	68759048	100BP0912	8014396	100BP0232
423R002P01	100BP0232	68386640	100BP0229	68762804	100BP0235	8037541	100BP0233
423R002P01	100BP0233	68394074	100BP0231	68771226	100BP0256	8037620	100BP0230
423R004P01	100BP0230	68417384	100BP0229	68774233	100BP0232	8308037541	100BP0233
423R005P01	100BP0233	68417651	100BP0229	68774764	100BP0313	832954	100BP0312
423T021P01	100BP0230	68417678	100BP0229	68796342	100BP0231	878016	100BP0231
423T021P02	100BP0230	68425735	100BP0230	68803594	100BP0231	88024	100BP0229
423T022P01	100BP0230	68433681	100BP0229	68818788	100BP0231	8802K	100BP0229
423T023P01	100BP0229	68433843	100BP0229	68819407	100BP0232	9092-200-2219	100BP0229
423T024P01	100BP0230	68438861	100BP0231	68824559	100BP0311		
4312833	100BP0231	68440920	100BP0264	68857198	100BP1004		
4313616	100BP0230	68453976	100BP0231	68857902	100BP0232		
4313675	100BP0230	68455588	100BP0229	68858534	100BP0229		
4357408	100BP0230	68456118	100BP0229	68859115	100BP0230		
4358059	100BP0228	68456622	100BP0229	68866480	100BP0251		
4365503	100BP0230	68474558	100BP0311	68871417	100BP0230		
4365544	100BP0259	68477336	100BP0229	68871565	100BP0259		
4371775	100BP0230	68482097	100BP0229	68911222	100BP0232		
4375072	100BP0231	68488028	100BP0311	68912121	100BP0232		
4392015	100BP1002	68488818	100BP0229	68912681	100BP0230		
4393326	100BP0235	68491118	100BP0229	68913497	100BP1004		
441F866100	100BP0233	68495563	100BP0231	72032-200-1101	100BP0229		
441W866020	100BP0234	68495571	100BP0911	72033-200-101	100BP0912		
441X366100	100BP0235	68509947	100BP0232	72033-200-110	100BP0912		
4415867010	100BP0265	68511070	100BP0232	72033-200-1101	100BP0912		
500-0001	100BP0229	68519918	100BP0231	72039-001-0809	100BP0229		
500-0002	100BP0231	68519926	100BP0313	72039-001-092	100BP0311		
500-0003	100BP0232	68521572	100BP0254	72039-001-0924	100BP0311		
500-0101	100BP0233	68523141	100BP0232	72039-001-0942	100BP0311		
500-0103	100BP0254	68536928	100BP0234	72039-001-0979	100BP0229		
500-0104	100BP0229	68537142	100BP0229	72039-001-0997	100BP0311		
503305417	100BP0251	68543703	100BP0234	72039-001-1035	100BP0230		
51001063	100BP0231	68543819	100BP0231	72039-001-104	100BP0229		
5100-1074	100BP0231	68544904	100BP0231	72039-001-1044	100BP0229		
5100-1288	100BP0231	68546249	100BP0313	72039-001-1053	100BP0231		
520225	100BP0230	68547407	100BP0229	72039-001-1062	100BP0229		
530301163	100BP0229	68550416	100BP0226	72039-001-109	100BP0911		
5303011673	100BP0230	68550564	100BP0229	72039-001-1099	100BP0911		
5303203768	100BP0229	68550726	100BP0229	72039-001-115	100BP0229		

\*OM52A is a subcompact tube and replacement may not physically fit in all applications.



When more than one magnetron is listed, please check the configuration to be sure you choose the correct magnetron.

**Diodes**

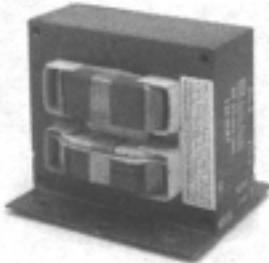


All of QB's diodes are rated at 350 mA, 12 kV (except #10, which is a commercial duty model) and can be used in any home microwave oven (non-commercial). Just match up the correct lead termination. **Note:** Due to the high resistance of a HV diode, it cannot be tested with just any V.O.M. The V.O.M. must be set on the highest resistance setting and the V.O.M. must be an analog meter using a 9 volt battery or have an R x 10m scale. Digital meters reduce the 9 volts to operate the meter and cannot be used.

1. **11QBPUNIV NEW Universal Diode Kit** One kit fits 95% of all domestic microwaves. Just determine proper termination and attach to basic diode. 350 mA, 12 kV. (**Caution:** Note polarity ring and install in same direction.)
2. **11QBP0234** Popular in Panasonic. 350 mA, 12 kV. #8 Ring terminal x 3/16" female quick disconnect terminal.
3. **11QBP0235** Replaces obsolete 3-71 rectangular molded epoxy diode. Popular in Amana. 350 mA, 12 kV. #8 ring x 1/4" male quick disconnect terminal.
4. **11QBP0236** Standard heavy duty. 350 mA, 12 kV. #8 ring x 1/4" female quick disconnect terminal.
5. **11QBP0526** Special diode with Y lead and extended ground lead. Y lead - 10-1/2" ground lead - 5" 350mA, 12 kV. #8 ring terminal x 2 ea. 1/4 female quick disconnect terminals.
6. **11QBP0529** Universal. Replaces obsolete 3-71K rectangular molded epoxy diode. 350 mA, 12 kV extra long lead. #8 ring x 1/4" female quick disconnect terminal.
7. **11QBP0527** Popular in Magic Chef and Amana. 350 mA, 12 kV. 1/4" female quick disconnect terminal x 90°, 1/4" female quick disconnect terminal.
8. **11QBP0528** Popular in Tappan. 350 mA, 12 kV. 3/16" female quick disconnect terminal x 1/4" female quick disconnect terminal.
9. **11QBP0530** Diode with Y lead. 350 mA, 12 kV. #8 ring x 2 ea. 1/4" female quick disconnect terminal.
10. **11QBP0531** Commercial duty. 750 mA, 15 kV. 1/4" male quick disconnect terminals.
11. **11QBP6202 NEW Stack Diode Replacement** For Panasonic/Quasar. Replaces ANE6202-C90. 350 mA, 12 kV.

**Universal HV Transformers**

**Horizontal Stack**



**Vertical Stack**



Select the correct QB replacement by:

1. Determining the kV requirement of your magnetron (use Chart A, the 2M number of your magnetron is listed below its kV requirement).
2. Determining the stack type (stack type is the direction the windings are wound, vertical or horizontal). This is important when space is limited (i.e. horizontal transformers are shorter and wider, vertical transformers are taller and thinner).
3. Matching your magnetron's kV requirement to the QB HV transformer's output in Chart B. Select the transformer with the same stack type if space is limited. (Replacement using different stack type is all right as long as it fits in the allocated space.)

**CHART A — MAGNETRON'S KV REQUIREMENTS**

4.35 kV	4.1 kV							3.8 kV	
2M244	0M52	2M101	2M128	2M163	2M208	2M224	2M240	2M189	2M221
2M246	0M55	2M103	2M140	2M167	2M210	2M226	2M245	2M207	2M223
2M247	0M72	2M105	2M152	2M170	2M214	2M228	2M253	2M209	2M230
2M248	0M75	2M106	2M157	2M172	2M217	2M229	2M254	2M211	2M231
	2M53	2M107	2M158	2M188	2M218	2M233	2M500	2M213	2M234
	2M57	2M108	2M160	2M200	2M219	2M236	2M700	2M216	
	2M71	2M115	2M161	2M204	2M222	2M238		2M220	

**CHART B — QB UNIVERSAL MAGNETRON SPECIFICATIONS**

Transformer QB#	kV Output**	Stack Type	Length	Width	Height	Watts	Fil Volt	Anode Current
16QBP0291*	3.8kV	Horz	3-3/4"	4-1/8"	3-1/4"	500-650	3.3V	250mA
16QBP0292*	3.8kV	Vert	3-1/8"	4-5/16"	3-7/8"	500-650	3.3V	250mA
16QBP0293*	4.1kV	Horz	3-3/4"	4-1/8"	3-7/8"	700-850	3.3V	300mA
16QBP0294*	4.1kV	Vert	3-7/16"	4-1/8"	4-5/16"	700-850	3.3V	300mA
16QBP0295*	4.35kV	Vert	3-1/2"	5-1/4"	4-1/2"	900-1000	3.15V	350mA

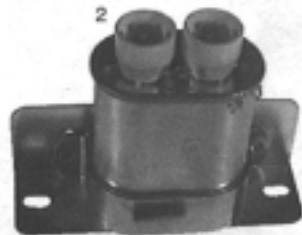
\* See page 99 for wiring instructions.  
\*\* After going through doubling circuit.

**HV Capacitors**



NOW AVAILABLE IN 2100V AND 2500V!

1/4" and 3/16" Male Terminals



Capacitor Kits

Kit replaces both types shown below:



Base Mount

Side Mount

All QB capacitors are built with an internal bleeder resistor and will replace non-bleeder types. The bleeder resistor is a safety device built into the capacitor to discharge the capacitor when the unit is turned off. QB capacitors rated at 2100V will replace capacitors rated up to 2,500V when used in any home microwave (non-commercial) rated at 1,000 watts or less. For commercial application, use QB's new line of 2500V capacitors.

**2100V for Domestic Applications**

1. **UNIVERSAL HIGH VOLTAGE CAPACITORS WITH 1/4" MALE TERMINALS** Each capacitor equipped with four 1/4" male quick disconnect terminals. Case temperature rating 70°C. Rated at 2,100V.

Value	Case Dimensions	New QB #*	Old QB #*
.55MFD	1.25" x 2.0" x 2.50"	13QBP21055	13QBP0293
.65MFD	1.25" x 2.0" x 2.50"	13QBP21065	13QBP0294
.70MFD	1.25" x 2.0" x 2.50"	13QBP21070	13QBP0295
.75MFD	1.25" x 2.0" x 2.50"	13QBP21075	13QBP0296
.80MFD	1.25" x 2.0" x 2.50"	13QBP21080	13QBP0297
.85MFD	1.25" x 2.0" x 3.00"	13QBP21085	13QBP0298
.90MFD	1.25" x 2.0" x 3.00"	13QBP21090	13QBP0299
.95MFD	1.25" x 2.0" x 3.00"	13QBP21095	13QBP0300
.97MFD	1.25" x 2.0" x 3.00"	13QBP21097	13QBP1297
1.00MFD	1.25" x 2.0" x 3.00"	13QBP21100	13QBP0301
1.05MFD	1.25" x 2.0" x 3.00"	13QBP21105	13QBP0302
1.10MFD	1.25" x 2.0" x 3.00"	13QBP21110	13QBP0303
1.20MFD	1.25" x 2.0" x 3.25"	13QBP21120	13QBP0304

**FYI** Standard OEM tolerance is 6% ±3%; therefore, CHOOSE THE CAPACITOR NEAREST TO YOUR ORIGINAL VALUE. (ie: if you have .88 MFD capacitor use 13QBP21090 (.90MFD).

**POPULAR DIRECT REPLACEMENT HIGH VOLTAGE CAPACITORS WITH 3/16" MALE TERMINALS** Rated @ 2100V with 3/16" male quick disconnect terminals. Commonly used in Panasonic and Quasar microwaves.

Value	Case Dimensions	New QB #*	Old QB #*
.90MFD	1.25" x 2.0" x 3.00"	13QBP21090-1	13QBP0395
.95MFD	1.25" x 2.0" x 3.50"	13QBP21095-1	13QBP0400
1.0MFD	1.25" x 2.0" x 3.00"	13QBP21100-1	13QBP0405

**2500V for Commercial Applications**

Value	Case Dimensions	QB #
.60MFD	1.25" x 2.0" x 3.75"	13QBP25060
.75MFD	1.25" x 2.0" x 3.75"	13QBP25075
.85MFD	1.25" x 2.0" x 4.00"	13QBP25085
.90MFD	1.25" x 2.0" x 4.75"	13QBP25090
.95MFD	1.25" x 2.0" x 4.75"	13QBP25095
.97MFD	1.25" x 2.0" x 4.75"	13QBP25097
1.00MFD	1.25" x 2.0" x 4.75"	13QBP25100
1.10MFD	1.25" x 2.0" x 5.75"	13QBP25110

**NEW!**  
2500V LINE OF CAPACITORS FOR COMMERCIAL MICROWAVES!

**2100V Capacitor Kits**

2. **HIGH VOLTAGE CAPACITOR KITS** Replacement for Sanyo HV capacitors with internal diode (or without internal diode) and special mounting brackets. One kit replaces both base and side mount brackets. Reduces inventory. Available in 5 most common values.

Value	Dimensions	New QB #*	Old QB #*
.55MFD	1.25" x 2.0" x 2.50"	13QBP21055K	13QBP1055
.65MFD	1.25" x 2.0" x 2.50"	13QBP21065K	13QBP1065
.85MFD	1.25" x 2.0" x 3.00"	13QBP21085K	13QBP1085
.97MFD	1.25" x 2.0" x 3.00"	13QBP21097K	13QBP1097
1.00MFD	1.25" x 2.0" x 3.00"	13QBP21100K	13QBP1100

Rated @ 2100V, 1/4" male quick disconnect terminals.

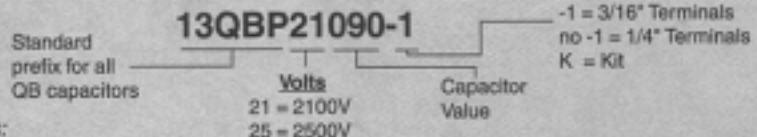
3. **NEW TERMINAL REDUCER ADAPTER KIT**

Reduces 1/4" terminals to 3/16". Allows you to substitute QB's universal 1/4" HV capacitor in Panasonic and other applications using 3/16" terminals. Eliminates the need to convert wire terminals. **QB #13QBPADAPT Kit of 2 adapters**



**\*FYI**

New QB part numbers have been assigned for ease in ordering. The nomenclature is as follows:



**Thermostats**



**1/4" Horizontal**  
Mounting holes are 25mm ctr to ctr.



**1/4" Vertical**  
Mounting holes are 25mm ctr to ctr.



**3/16" Horizontal**  
Mounting holes are 25mm ctr to ctr.



**3/16" Vertical**  
Mounting holes are 25mm ctr to ctr.



**3/16" No Mounting Ears**



**Wide Mount Bracket**  
Mounting holes are 30mm ctr to ctr.

Applications include hi-limit cutoff thermostats for magnetrons and also as oven cavity safety thermostats. On an old thermostat, "N" & "S" denote temperature in °C, "L" denotes temperature in °F.

1. Standard Horizontal Terminal Series, 1/4" Male Quick Disconnect 15 Amp 120V, 50° differential, tolerance: open ± 7°F, close ± 12°F.

°F	°C	New QBP #*	Old QBP #*
190	88	18QBP088H	18QBP0267
200	93	18QBP093H	18QBP0268
210	99	18QBP099H	18QBP0269
230	110	18QBP110H	18QBP0270
250	121	18QBP121H	18QBP0271
260	127	18QBP127H	18QBP0272
280	138	18QBP138H	18QBP0273
300	149	18QBP149H	18QBP0274

2. Popular 1/4" Vertical Terminal Series

°F	°C	New QBP #*	Old QBP #*
140	60	18QBP060V	—
170	77	18QBP077V	—
201	94	18QBP094V	18QBP0285
252	122	18QBP122V	18QBP0289
257	125	18QBP125V	—
266	130	18QBP130V	—
275	135	18QBP135V	18QBP0291
288	143	18QBP143V	—
293	145	18QBP145V	—
302	150	18QBP150V	—

3. Popular 3/16" Horizontal Terminal Series

°F	°C	New QBP #*	Old QBP #*
194	90	18QBP090H-1	—
230	110	18QBP110H-1	—
275	135	18QBP135H-1	18QBP0345

4. Popular 3/16" Vertical Terminal Series

°F	°C	New QBP #*	Old QBP #*
158	70	18QBP070V-1	—
185	85	18QBP085V-1	—
194	90	18QBP090V-1	18QBP0369
252	122	18QBP122V-1	18QBP0374
275	135	18QBP135V-1	18QBP0376

5. Ceramic Style, No Mounting Ears, 3/16" Terminals

°F	°C	New QBP #*	Old QBP #*
491	255	18QBP255V-1	18QBP0445

6. Thermostats With Special Wide Mount Bracket

°F	°C	Term Size	Term Type	Rating	New QBP #*	Old QBP #*
212	100	1/4"	Horizontal	15 Amp	18QBP100H-W	18QBP0850
248	120	1/4"	Horizontal	15 Amp	18QBP120H-W	—
302	150	3/16"	Horizontal	15 Amp	18QBP150H-1W	18QBP0831
302	150	1/4"	Vertical	15 Amp	18QBP150V-W	18QBP0860
350	177	3/16"	Vertical	15 Amp	18QBP177V-1W	18QBP0837

**\*FYI**

New QB part numbers have been assigned for ease in ordering. The nomenclature is as follows:



Switches

**FYI**

Most QB switches are snap-apart design. This means the cover is not riveted or glued to the case. You can pry the cover off by using a small screwdriver. In many cases, this will allow you to install the original lever in the new switch. All switches are snap-apart design unless otherwise noted.



1. **Button Switch**  
Light Pressure,  
Universal Application  
SPDT Normally open/normally closed. 15 Amp. 125/250V.  
QB #28QBP0493  
.020 x .187 terminal  
QB #28QBP0494  
.032 x .250 terminal



2. **Button Switch**  
Universal Application  
SPDT normally open/normally closed. 15 Amp. 125/250V.  
QB #28QBP0495  
.020 x .187 terminal  
QB #28QBP0496  
.032 x .250 terminal



3. **Button Switch**  
Latch Application  
SPST normally open. 15 Amp. 125/250V.  
QB #28QBP0497  
.020 x .187 terminal  
QB #28QBP0498  
.032 x .250 terminal



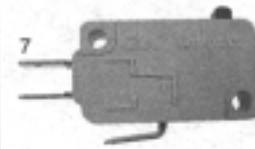
4. **Button Switch**  
Latch Application  
QB #28QBP0839  
3 Amp. 277 VAC. SPST normally open .187 term. Popular in Panasonic/Quasar. Not snap-apart design.



5. **Button Switch**  
Monitor Application  
SPST normally closed. 15 Amp. 125/250V.  
QB #28QBP0499  
.020 x .187 terminal  
QB #28QBP0500  
.032 x .250 terminal



6. **Button Switch**  
Monitor Application  
QB #28QBP0838  
3 Amp. 277 VAC. SPST normally closed .187 Term. Popular in Panasonic/Quasar. Not snap-apart design.



7. **Button Switch**  
Sensor/Lamp Application  
SPDT normally open/normally closed. 1 Amp. 125V.  
QB #28QBP0540  
.020 x .187 terminal  
QB #28QBP0541  
.032 x .250 terminal



8. **"T" Type Button Switch**  
QB #28QBP0841  
Replaces WB24X5167. SPDT normally open/normally closed 15 Amp. 277V. 3/16" terminals.



9. **Short Lever Switch**  
Universal application. SPDT normally open/normally closed. 15 Amp. 125/250V. 1" lever.  
QB #28QBP0501  
.020 x .187 terminal  
QB #28QBP0502  
.032 x .250 terminal



10. **Long Lever Switch**  
Universal application. SPST normally closed. 15 Amp. 125/250V. 1-5/16" lever.  
QB #28QBP0503  
.020 x .187 terminal  
QB #28QBP0504  
.032 x .250 terminal



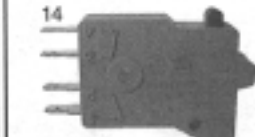
11. **Extra Long Lever Switch**  
Universal application. SPDT normally open/normally closed. 15 Amp. 125/250V. 2-3/16" lever.  
QB #28QBP0507  
.020 x .187 terminal  
QB #28QBP0546  
.032 x .250 terminal



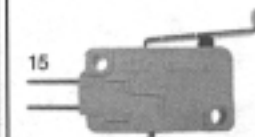
12. **Commercial Duty SPDT**  
QB #28QBP0610  
SPDT normally open/normally closed. 25 Amp. 125/250 VAC. 1/4" terminals. Not snap-apart design.



13. **Commercial Duty SPDT**  
QB #28QBP0611  
SPDT normally open/normally closed. 25 Amp. 125/250 VAC. 1/4" terminals. Not snap-apart design. 2-1/4" lever.

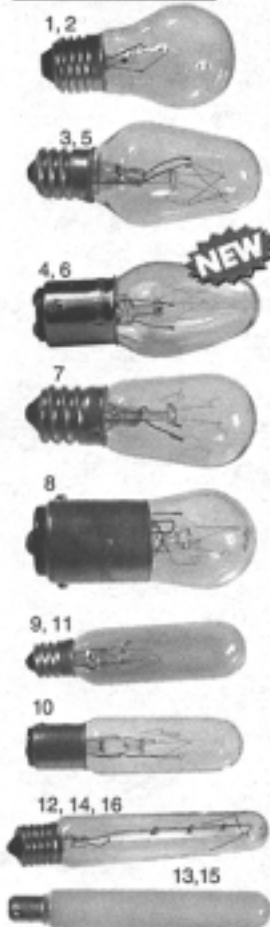


14. **Special DPST Switch**  
QB #28QBP0840  
Normally open/normally closed momentary contact. 5 Amp. 125V. 3/16" terminals. Popular in Sanyo. Not snap-apart design.

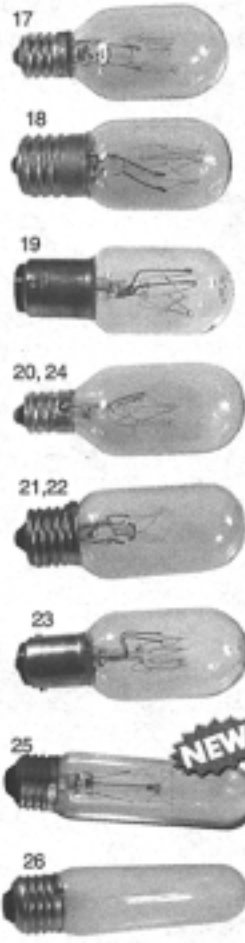


15. **Simulated Roller Switch**  
Universal application. SPDT normally open/normally closed. 15 Amp. 125/250V. 1" lever.  
QB #28QBP0505  
.020 x .187 terminal  
QB #28QBP0506  
.032 x .250 terminal

**Appliance Lamps**



1. QBP #HC-D0504\* 25A15  
MOL 3-1/2". Medium base. Clear, 25W appliance bulb. 120V.
2. QBP #HC-H6289\* 40A15  
MOL 3-1/2". Medium base. Clear, 40W appliance bulb. 130V.
3. QBP #HC-H6268 7C7  
MOL 2-1/8". Candelabra base. Clear. 7W. 120V.
4. QBP #HC-W9062 7C7/DC  
MOL 2-3/16". DC base. Clear. 7W. 120V.
5. QBP #HC-H6291 10C7  
MOL 2-3/16". Candelabra base, Clear. 10W. 120V.
6. QBP #HC-W9063 10C7/DC  
MOL 2-3/16". DC base clear. 10W. 120V.
7. QBP #HC-H6234 6S6  
MOL 1-7/8". Candelabra base. Clear. 6W. 120V.
8. QBP #HC-H6235 6S6DC  
MOL 1-13/16". DC base. Clear. 6W. 120V.
9. QBP #HC-H6272 15T6  
MOL 3-1/16". Candelabra base. Clear. 15W. 120V.
10. QBP #HC-H6262 15T6DC  
MOL 3-1/16". DC base. Clear. 15W. 120V.
11. QBP #HC-H6247 25T6  
MOL 3-1/16". Candelabra base. Clear. 25W. 120V.
12. QBP #HC-H6161 20T6.5NC  
MOL 5-1/2". Intermediate base. Clear. 20W. 120V.
13. QBP #HC-H6163 20T6.5DCF  
MOL 5-1/2". Frosted. DC base. 20W. 120V.



14. QBP #HC-H6273 25T6.5NC  
MOL 5-1/2". Intermediate base. Clear. 25W. 120V.
15. QBP #HC-H6248 25T6.5DCF  
MOL 5-1/2". DC base. Frosted. 25W. 120V.
16. QBP #HC-H6700 40T6.5N  
MOL 5-1/2". Intermediate base. Clear. 40W. 120V.
17. QBP #HC-H6264 15T7C  
MOL 2-1/4". Candelabra base. Clear. 15W. 120V.
18. QBP #HC-H6270 15T7N  
MOL 2-1/4". Intermediate base. Clear. 15W. 120V.
19. QBP #HC-H6271 15T7DC  
MOL 2-1/4". DC base. Clear. 15W. 120V.
20. QBP #HC-H6276 15T8  
MOL 2-5/8". Candelabra base. Clear. 15W. 120V.
21. QBP #HC-H6281 15T8N  
MOL 2-5/8". Intermediate base. Clear. 15W. 120V.
22. QBP #HC-H6266 25T8N  
MOL 2-5/8". Intermediate base. Clear. 25W. 120V.
23. QBP #HC-H6205 25T8DC  
MOL 2-5/8". DC base. Clear. 25W. 120V.
24. QBP #HC-H6237 25T8  
MOL 2-5/8". Candelabra base. Clear. 25W. 120V.
25. QBP #HC-H6284 40T10CBX  
MOL 5-5/8". Medium base. Clear. 40W. 120V.
26. QBP #HC-H6285 40T10FBX  
MOL 5-5/8". Medium base. Frosted. 40W. 120V.

\*For refrigerators and ovens.

**Accessories**

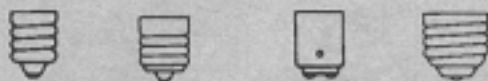


1. Base Adapter  
QBP #HC-H0609  
Adapts bulb with candelabra base to European base.
2. Intermediate Base Socket  
QBP #26QBP0020  
2-3/16" terminals. Max. 75W, 250V.
3. Intermediate Base Socket  
QBP #26QBP0022  
2-3/16" terminals. Max 250V, 1 Amp.
4. Fluorescent Starters  

Industry #	QBP#
FS-2	QB-712002
FS-5	QB-712005
FS-25	QB-712025

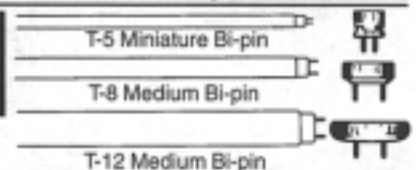
MOL = Maximum Overall Length

**FYI**



Base: Candelabra Intermediate Double Contact Medium  
 Dimensions: 7/16" 5/8" "DC" 5/8" 1"

**Fluorescent Lamps**



Industry #	Dia.	MOL	Base type	QBP #
F4T5CW	5/8"	6"	Mini bi-pin	HC-H6195
F6T5CW	5/8"	9"	Mini bi-pin	HC-H6197
F8T5CW	5/8"	12"	Mini bi-pin	HC-H6196
F13T5CW	5/8"	21"	Mini bi-pin	HC-H6191
F14T12CW	1-1/2"	15"	Med bi-pin	HC-L6051
F15T8CW	1"	18"	Med bi-pin	HC-H6296
F18T8/CW/K24	1"	24"	Med bi-pin	HC-L6162
F18T8/CW/K26	1"	26"	Med bi-pin	QB-70826
F18T8/CW/K28	1"	28"	Med bi-pin	HC-L6166
F18T8/CW/K30	1"	30"	Med bi-pin	HC-L6167
F20T12/CW	1 1/2"	24"	Med bi-pin	QB-71224
F24T8/CW4	1"	24"	Med bi-pin	HC-10259
F25T12/CW/28	1-1/2"	28"	Med bi-pin	QB-71228
F25T12/CW/33	1-1/2"	33"	Med bi-pin	QB-71233
F26T8/CW4	1"	26"	Med bi-pin	HC-10702
F28T8/CW4	1"	28"	Med bi-pin	HC-L6166
F30T8/CW	1"	36"	Med bi-pin	QB-70836
F30T8/CW4	1"	30"	Med bi-pin	HC-10349



Specialty Lamps for Microwave Ovens



1. **QBP #26QBP0930**  
MOL 2-1/4". Intermediate base. Clear. 20W. 120V. Shorter bulb fits models where clearance is a problem.



2. **QBP #26QBP0932**  
MOL 2-1/2". Intermediate base. 30W. 120V.



3. **QBP #26QBP0936**  
MOL 2-7/8". Intermediate base. 40W. 130V. Replaces GE part #WB36X0003 and WB36X936.



4. **QBP #26QBP1110**  
MOL 2-1/2". DC base. Clear. 30W. 125V.



5. **QBP #26QBP0542**  
MOL 2-1/4". Intermediate base. Clear. 25W. 120V. Replaces GE Part #WB2X4235.



6. **QBP #26QBP1119**  
MOL 2-5/16". Intermediate base. Clear. 30W. 120V.



7. **QBP #26QBP0544**  
MOL 2-5/16". Intermediate base. Clear. 40W. 120V. Replaces GE Part #WB2X4253.



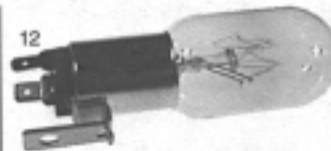
8. **QBP #HC-H6231**  
25 per box. MOL 4-5/16". Candelabra base. Torpedo tip. Clear. 40W. 120V. Replaces Litton M9D109.



9. **QBP #26QBP0546**  
MOL 2-1/4". Candelabra base. Clear. 25W. 120V.



11. **QBP #26QBP0547**  
MOL 2-7/8". Special metal base/bulb combo. Clear. 20W. 120V. 3/16" male terminals.



12. **QBP #26QBP1114**  
MOL 3-1/8". Special metal base/bulb combo. 25W. 120V. 3/16" male terminals.



13. **QBP #26QBP0548**  
MOL 3-3/16". Special metal base/bulb combo. Clear. 30W 120V 3/16" male terminals



14. **QBP #26QBP1121**  
MOL 2-1/2". Special plastic base/bulb combo. 20W. 120V. 3/16" male terminals.



15. **QBP #26QBP1109**  
MOL 2-1/2". Plastic base/bulb combo. 20W. 125V. 3/16" male terminals, 1/4" apart.



16. **QBP #26QBP1113**  
MOL 2-3/4". Special plastic base/bulb combo. 25W. 125V. 3/16" male terminals, approximately 5/8" apart.



17. **QBP #26QBP1116**  
MOL 2-1/2". Special plastic base/bulb combo. clear. 25W. 125V. One 1/4" terminal and one 3/16" terminal.



18. **QBP #26QBP1115**  
MOL 3-1/8". Special plastic base/bulb combo. Clear. 30W. 125V. 3/16" male terminals.



19. **QBP #26QBP1117**  
MOL 3-1/4". Special plastic base/bulb combo. Clear. 30W. 125V. 3/16" terminals.

**FYI**

MOL = Maximum Overall Length

