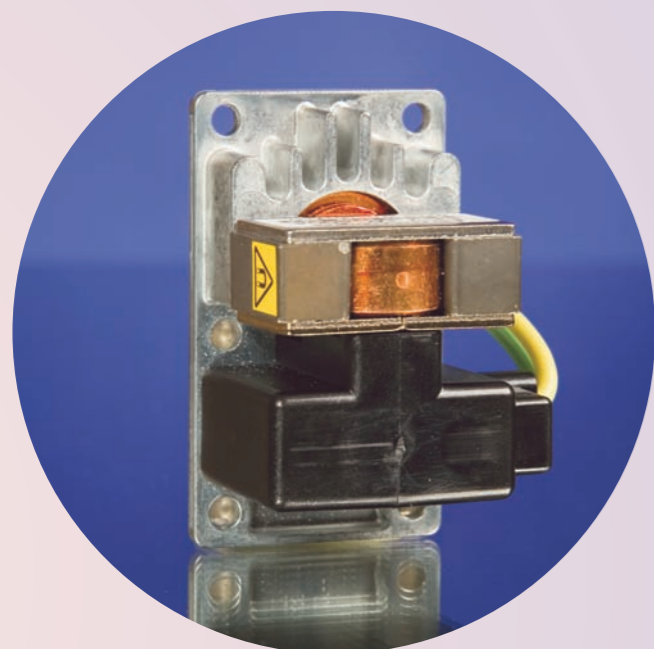


## High service levels

The GEN4 magnetrons enable you to keep less stock while maintaining service levels high. Please have a look at the cross reference between popular magnetron types and the new GEN4 models.



## Advantages GEN4 magnetrons

GEN4 magnetrons have several advantages over the GEN2 and GEN3 magnetrons:

- They are fully compatible with GEN2 and GEN3 magnetrons.
- The GEN4 outline is smaller than the outline of GEN2 and GEN3 magnetrons avoiding issues with replacements that do not fit.
- In many cases GEN4 magnetrons give a better performance.
- With use of adapter plate A or B you can replace any other magnetron with the same output.

**ALPHATRON**

### Head office (the Netherlands)

Schaardijk 23  
3063 NH Rotterdam  
T: (+31) 10 4534050  
F: (+31) 10 2121614  
E: sales@aepint.nl

### Scandinavia office

Herstedoestervej 19  
2600 Glostrup  
T: (+45) 43 206126  
F: (+45) 43 206121  
E: cr@alphatron.dk

### UK office

2 Georges House, Princes Court  
Beam Health Way  
CW5 6GD Nantwich, Cheshire  
T: (+44) 1270 620260  
F: (+44) 1270 620261  
E: sales@aeroparts-international.com

### USA office

Fairburn Road 2080-A  
GA30135 Douglasville  
T: (+1) 678 8383737  
F: (+1) 678 8383727  
E: sales@alphatron.us  
Toll free: 888 408 2488

### Asia office

10 Ubi Crescent 07-99  
Ubi Techpark Lobby E  
408564 Singapore  
T: (+65) 6742 2272  
F: (+65) 6742 7760  
E: sales@alphatron.com.sg

### China office

Block 80, Room 1002,  
Shanghai Garden Phase 2  
No. 7886, Humin Road  
Shanghai 201102  
T: (+86) 21 6480 1467  
F: (+86) 21 5493 4420  
E: anne@alphatron.com.sg

### Pacific office

10/36 William Pickering Drive  
1333 Auckland  
T: (+64) 414 5520  
F: (+64) 414 5580  
E: sales@alphatron.co.nz

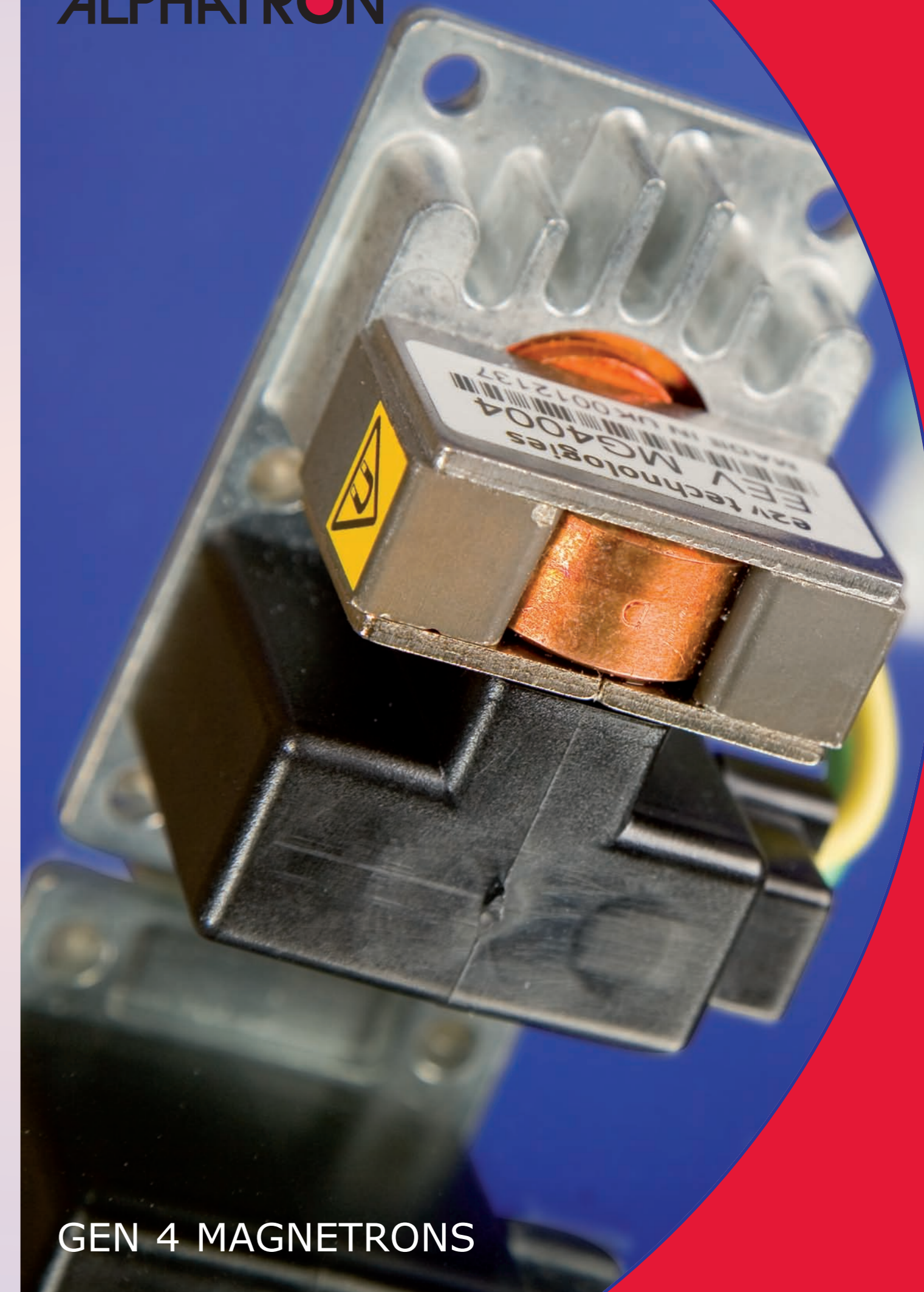
### Australia office

Arundel DC  
Gold Coast, QLD 4214  
T: (+61) 7 5563 8620  
Toll free T (AU only): 1800 148 793  
Toll free F (AU only): 1800 888 334  
E: sales@alphatron.com.au

[www.alphatronmarineparts.com](http://www.alphatronmarineparts.com)

**ALPHATRON**

**ALPHATRON**



**GEN 4 MAGNETRONS**

### Alphatron Marine Parts - EEV magnetrons

For several years, Alphatron has been the sole distributor of EEV microwave products for radar with warehouses and offices around the world to enable overnight delivery in time-critical situations. We keep a wide range of magnetrons, limiters, front ends, and other radar parts in stock to ensure just-in-time delivery.

### Next generation GEN4 magnetrons

Alphatron is proud to offer you GEN4 magnetrons, the latest magnetron technology, not only to service new radars, but also to service older equipment. One model to service them all.

These GEN4 magnetrons are available in 4, 6 and 12.5kW and are designed to meet new IMO requirements on spurious frequencies. Due to its compact design it can be installed in almost any radar using the same kW output. It the footprint is different, just use the simple adapter plate.



### GEN4 specifications

GEN4 magnetron	Power	Frequency
MG4004	4kW	9380-9440
MG4006	6kW	9380-9440
MG4010	12.5kW	9380-9440



### GEN4 replacement chart

GEN4 magnetron	Replaces
MG4004	MG5388, MG5388C, E3571, E3573, MAF1421B, MAF1561B
MG4004 with adapter plate A	MG5248, MSF1421B
MG4004 with adapter plate B	MG5238A, 9M302, MG5243, MG5251, MRF1421B
MG4006	MG5389, E3560, MAF1422B, M1361
MG4006 with adapter plate A	MG5232, MG5232F, 9M502, E3540, MSF1422B
MG4010	E3566, MAF1425B
MG4010 with adapter plate A	MG5241, MG5241F, MG5473, 9M602, MSF1425B

### GEN3 type number on GEN4 magnetron

If you prefer to use GEN4 magnetrons, provided they are compatible with the original installed magnetron, then you can order from us now.

A GEN4 magnetron, marked with the original GEN3 type number and fitted on the right size adapter plate, gives you a fully drop-in GEN3 replacement.

For the models available, see the table below.

Magnetron	GEN4 replacement	Magnetron	GEN4 replacement
E3540	E3540/MG4006	MG5251	MG5251/MG4004
E3560	E3560/MG4006	MG5257	MG5257/MG4010
E3571	E3571/MG4004	MG5388	MG5388/MG4004
MG5232	MG5232/MG4006	MG5388C	MG5388C/MG4004C
MG5232F	MG5232F/MG4006	MG5388S	MG5388S/MG4004
MG5238A	MG5238A/MG4004	MG5389	MG5389/MG4006
MG5241	MG5241/MG4010	MG5473	MG5473/MG4010
MG5241F	MG5241F/MG4010	9M302	9M302/MG4004
MG5244	MG5244/MG4010	9M502	9M502/MG4006
MG5245	MG5245/MG4010	9M602	9M602/MG4010
MG5248	MG5248/MG4004		