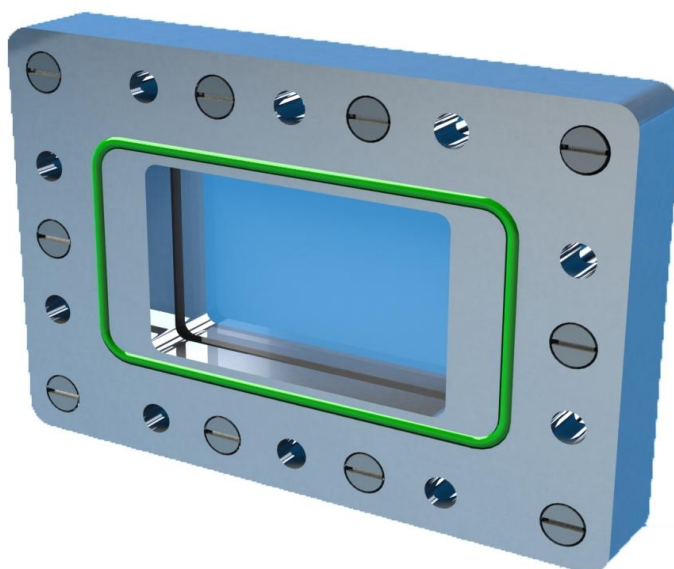




VACUUM or HIGH PRESSURE MICROWAVE WINDOW REF. FQA WR340R VAL

For optimum performance, we recommend that your microwave system be maintained under a slight positive pressure to prevent the entrance of moisture or other contaminants.



APPLICATIONS

The role of the microwave quartz window is to transfer the microwave energy between two media without inducing any reflected power. The window allows sealing environments under vacuum (plasma application), at high pressure (heating at elevated pressure) or to separate gases & vapours from ambient (chemistry applications).

It is designed to handle high temperature and high microwave power levels (ceramic sintering, smelting applications).

REF.	FQAWR340RVAL
Frequency	2450 MHz +/- 50 MHz
Maximum power	6 kW continuous wave (CW)
VSWR (return loss)	< 1.06 (return loss < -31 dB or 0.08% reflected power) at frequencies between 2425 and 2475 MHz
Waveguide	Flange WR340
Pressure range	10 ⁻⁶ Torr up to 2 bar
Materials of construction	Aluminium alloy, quartz, VITON seals
Dimensions (mm) / Weight	138 x 95 x 20 - see drawing / 0.56 kg

