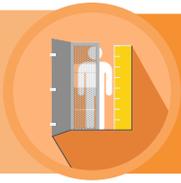




# THE 7 QUESTIONS

You Should Ask Before  
Buying IR Windows

1  
What Size  
IR Window is Needed?



Round is not the only option. Consider large format rectangular Infrared Windows to view exactly what you need to inspect...and only one window installation versus multiple rounds to achieve the same.

2  
Are the  
IR Windows  
Mechanically  
Stable?

Most IR Window failures are due to breakage from Impact. Confirm the IR Window you choose meets the Mandatory Impact Requirements for UL 1558 and IEEE C37.20.2 Section a.3.6



3  
Are the  
IR Windows  
Environmentally  
Stable?



Crystal IR Windows fail due to ingress of water vapor, acids and alkalis Failure may be accelerated in industrial environments due to high frequency noise & vibration. Polymer IR Windows are environmentally stable.

4  
Do IR Windows  
have Proper Testing  
& Certifications?

Ensure that your chosen IR Window meets the minimum requirements detailed by the relevant certification organizations including IEEE, ANSI, IEC, UL, CSA, NEMA, DNV, ABS & Lloyds.



5  
Are the IR  
Windows Arc  
Containment Tested?



IR Windows are NOT Arc Resistant, BUT...There are Arc containment tests that IR Windows are exposed to. Request all arc containment test reports from your IR Window manufacturer that proves successful test completion.

6  
Do IR Windows  
have an Information  
Tagging System?

IR Windows are a data collection point for IR cameras and should have a unique ID. The operator should be able to access relevant data for the inspection through an information tagging system.



7  
What is the  
Manufacturer's  
Warranty for  
IR Windows?



Crystal IR Window manufacturers tend to offer "Manufacturing Defects Only" because the crystal lens will eventually fail which is considered a "Material Failure" and is not covered. Ask for an unconditional lifetime warranty when purchasing IR Windows.