

C-Range Infrared Sightglasses

ARC RESISTANT FOR SAFE ELECTRICAL INFRARED INSPECTIONS



**“ANY VOLTAGE,
ANY CAMERA,
ANYWHERE”**



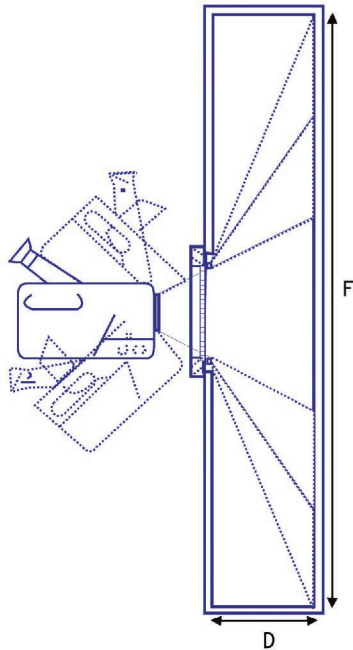
**INFRARED
EVOLVED**



FIELD OF VIEW

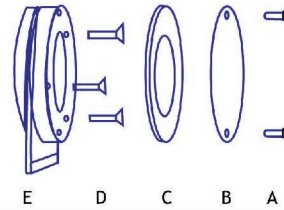
Equal to six times the cabinet depth (F=Dx6)

Section through control cabinet Hawk I.R. shown open.



EXPLODED VIEWS

- A Security Screws
- B Aluminium Cover
- C Front Gasket
- D Fixing Screws
- E Complete Sightglass Housing



PRODUCT SERIAL CODE

Format: HWK=BBB=C=D=E
E.g. HWK-075-C-L (A 3" C-Type Unit with LSF Gaskets)

HWK-Prefix denoting Hawk I.R. product (generic)

BBB (SIZE)
050=<2" Crystal Insert size
075=<3" Crystal Insert Size
100=<4" Crystal Insert Size

C (VIEWING MATERIAL)
C=C-Type I.R. Material

D (GASKET MATERIAL)
L=LSF (Low Smoke & Fume)

E (KWIK-TWIST OPTION)
KT=Kwik-Twist (Magnetic cover)



LENS

- C Type
- Solubility -CLIRVU® Coated Crystal (Totally insoluble)
- Thickness -0.081"
- Pressure withstand -Upto 90psi
- Melting Temperature -1350C/2474F
- I.R. Transmission -Upto 96%
- Wavelength -0.13 to 10.0 micrometers

Other crystal types available

INGRESS PROTECTION
IP 65 CERTIFIED BSEN60529
UL Recognised for NEMA 3/12 equipment

FIXING SCREWS
Stainless Steel

PROTECTIVE COVER
Aluminum

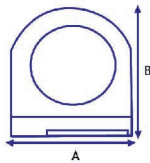
FRAME

Aluminum to BS6082-T6
Anodised to DEF STAN 03-25/3 aa 8-13

GASKETS (Other materials available)
LSF -94°F to +482°F (-70C to 250C)

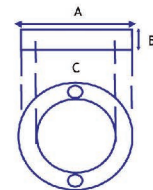
FOOTPRINT DIMENSIONS

Type	A	B
050	2.6"	3.5"
075	4"	4.9"
100	4.9"	6"



ACTUAL DIMENSIONS

Type	A	B	C
050	2.5"	0.7"	1.7"
075	4"	0.7"	2.7"
100	4.9"	0.75"	3.5"



Hawk IR Sightglasses are manufactured by Cockburn Thermal Imaging Ltd an ISO9000 registered infrared window manufacturer.

SIGHTGLASS DATASHEET C-RANGE

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