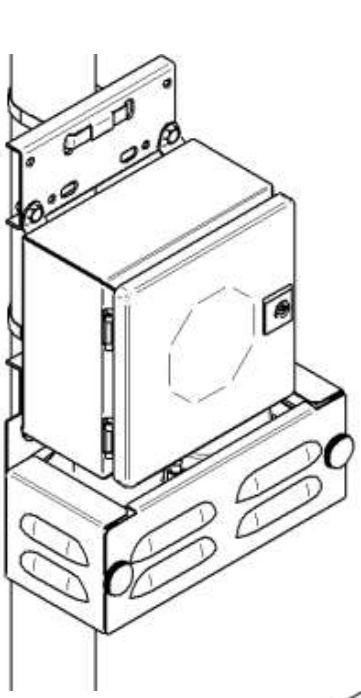
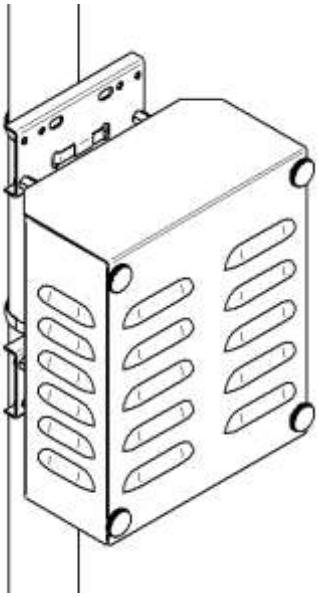
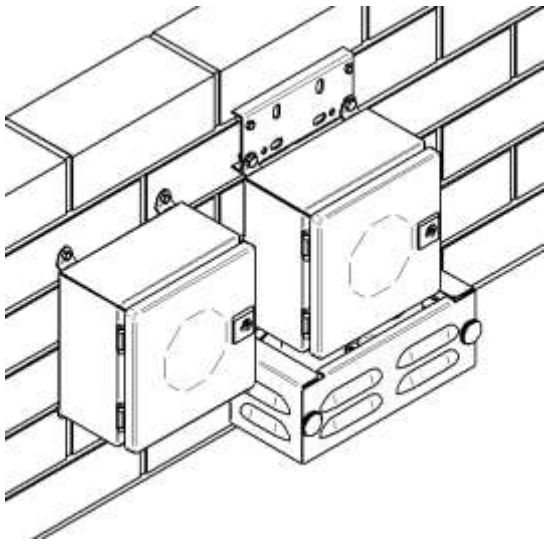
iGAS & Power Portal Plus Installation Guide

Lamp post and wall fixing



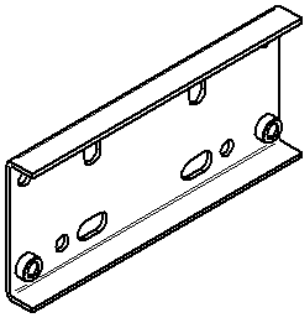




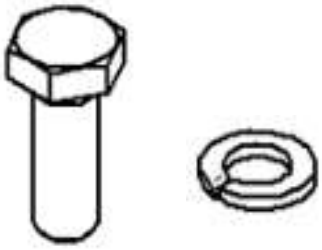
(For Quad Pod mounting option see Quad Pod Instrument Fitting Guide)

TK1030 Power Portal Plus Lamp Post Mounting

(1x Reel ½" Steel Band, 2x Steel Band Buckle will be required items available upon request as a cost option)



2x M00815-2 iINSTRUMENT SUPPORT ARM.



4x M8X16 Hex Bolt, 4x M8 Spring washer

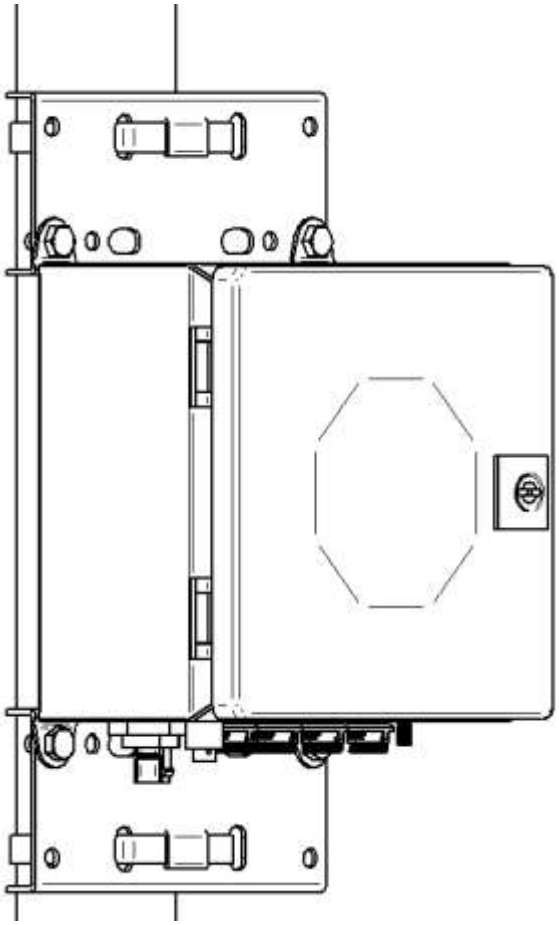
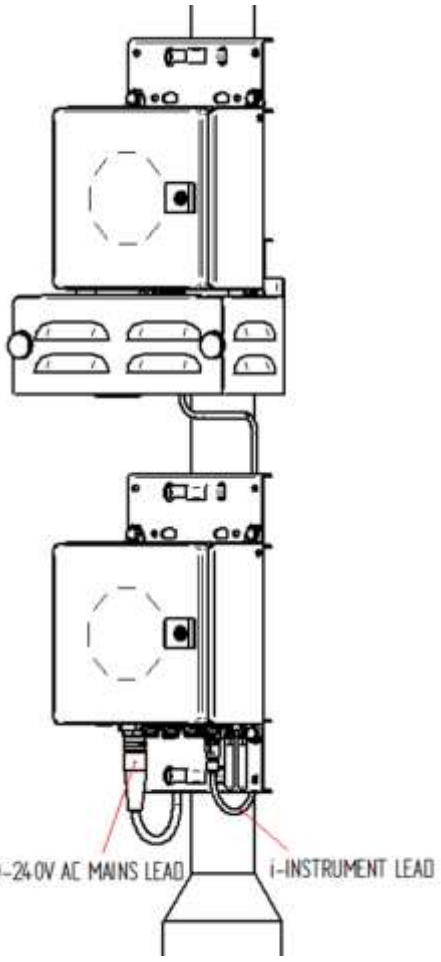


Fig. 1



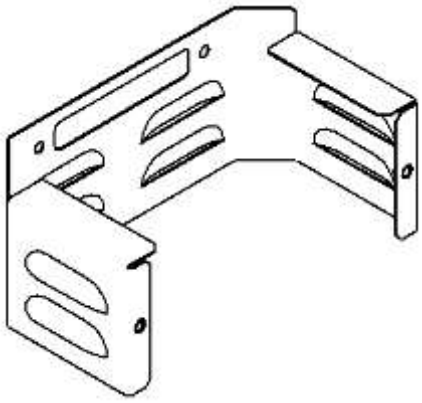
TYPICAL POWER PORTAL PLUS AND iGAS LAMP POST INSTALLATION

TK1031-iGAS Filter Sunshield Lamp Post Mount

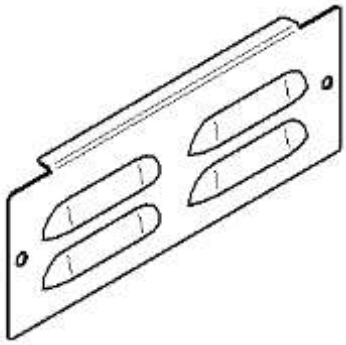
(1x Reel ½" Steel Band, 2x Steel Band Buckle will be required items available upon request as a cost option)



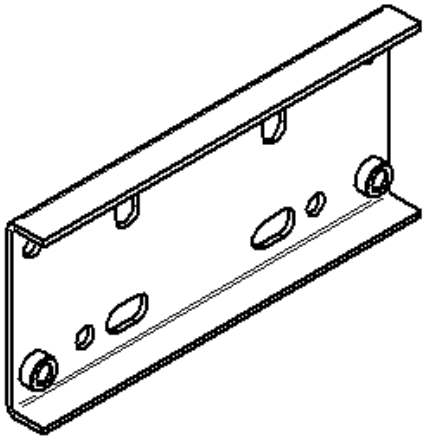
2x M8X20 TORQUE KNOB



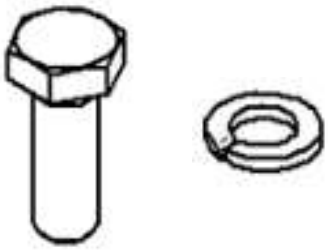
1X M00813-2 SHORT REAR SHIELD



1X M00814-2 SHORT FRONT SHIELD



2x M00815-2 iINSTRUMENT SUPPORT ARM.



4x M8X16 Hex Bolt, 4x M8 Spring washer

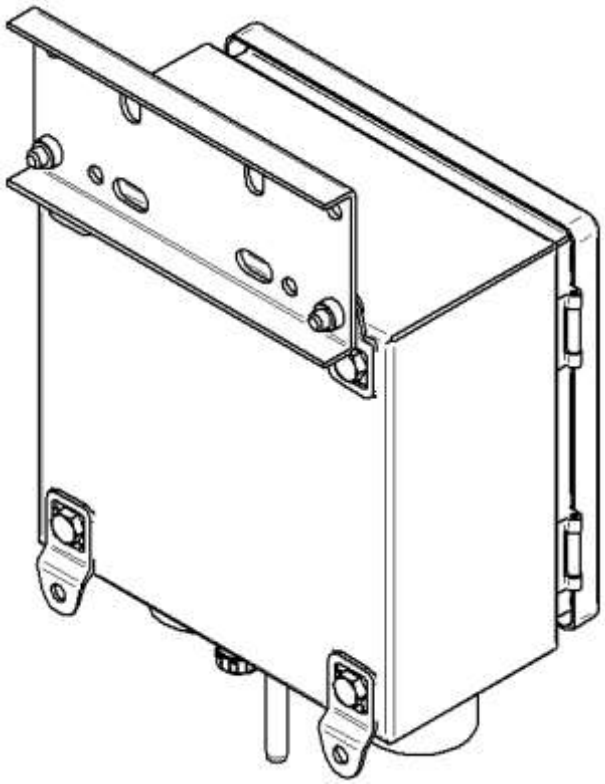


Fig. 3

NO FILTERS FITTED, UPPER SUPPORT ARM FITTED FIRST.

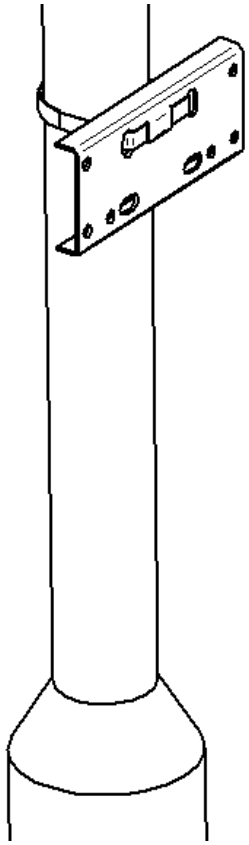


Fig. 4

LOWER SUPPORT ARM FITTED TO LAMP POST.

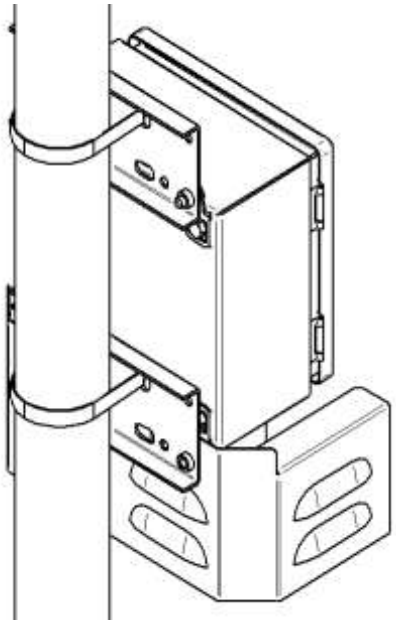


Fig. 5

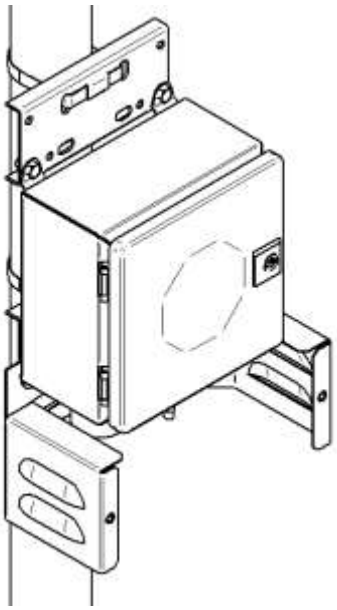


Fig. 6

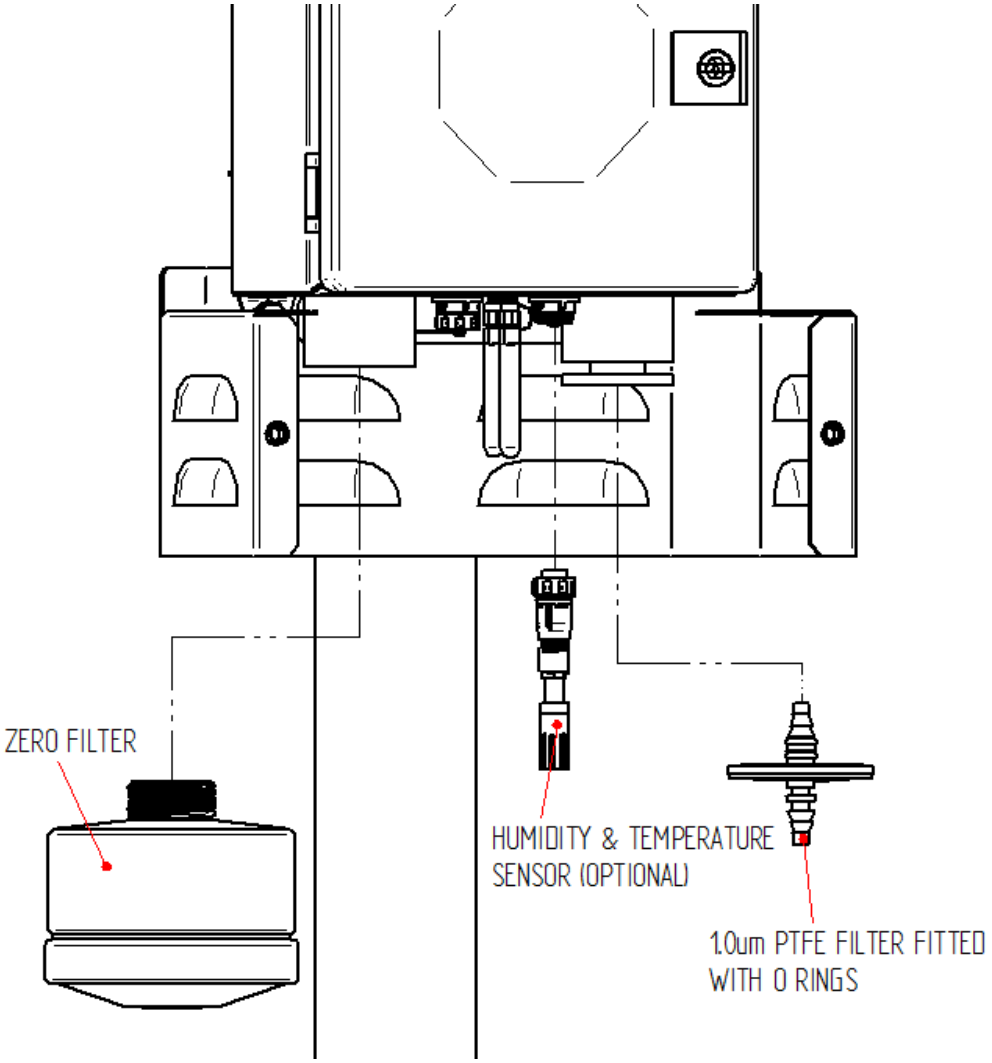

ZERO FILTER
HUMIDITY & TEMPERATURE
SENSOR (OPTIONAL)
1.0um PTFE FILTER FITTED
WITH O RINGS

Fig. 7

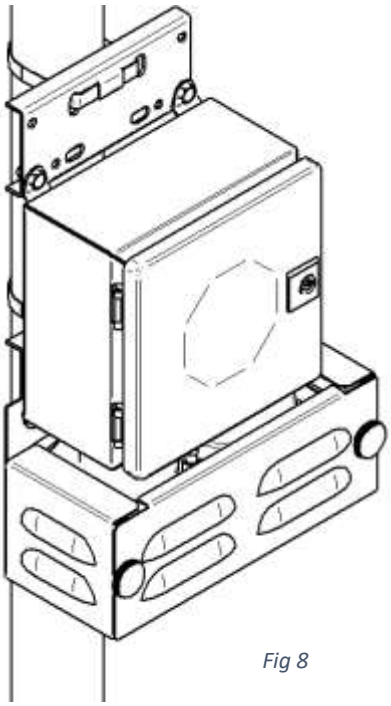
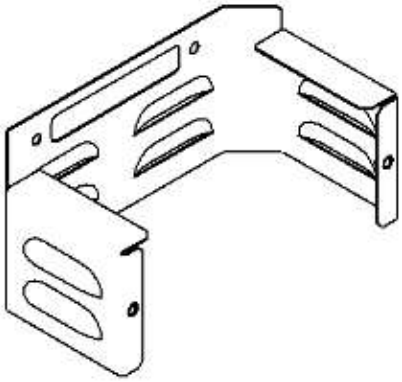


Fig 8

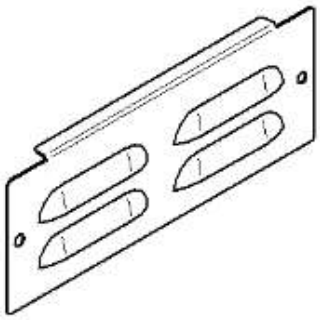
TK1031 iGAS Filter Shield Wall Mount



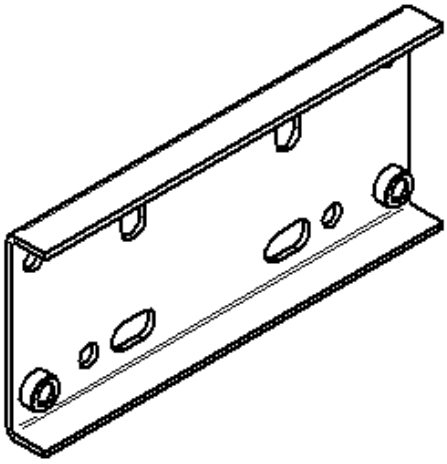
2x M8X20 TORQUE KNOB



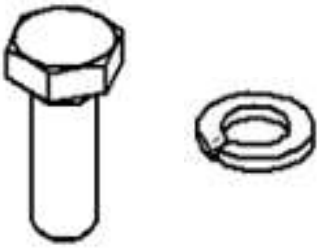
1X M00813-2 SHORT REAR SHIELD



1X M00814-2 SHORT FRONT SHIELD



2x M00815-2 iINSTRUMENT SUPPORT ARM.



4x M8X16 Hex Bolt, 4x M8 Spring washer

NOTE: WALL FIXINGS NOT SUPPLIED

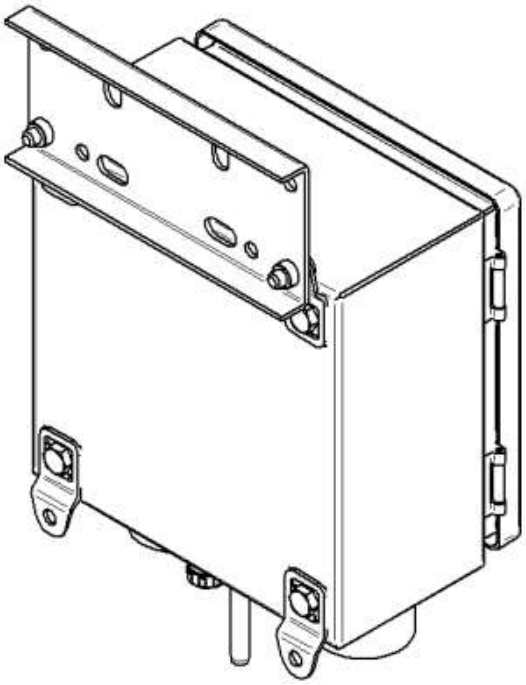


Fig. 9

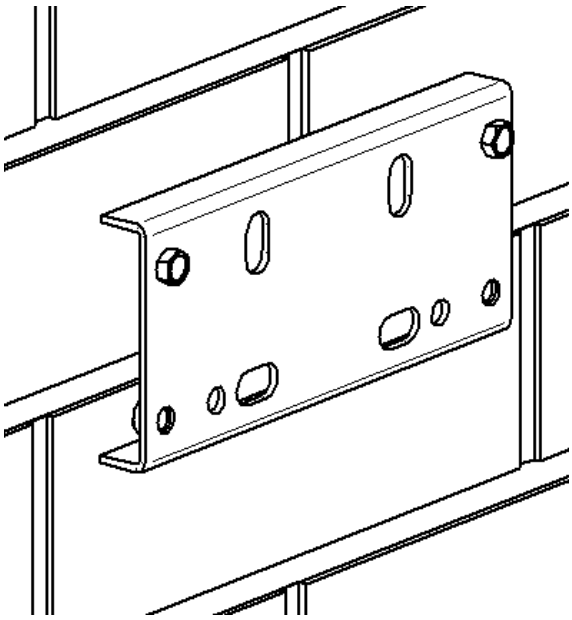


Fig. 10

NO FILTERS FITTED, UPPER SUPPORT ARM FITTED FIRST

LOWER SUPPORT ARM FITTED TO WALL (Use suitable wall fixings).

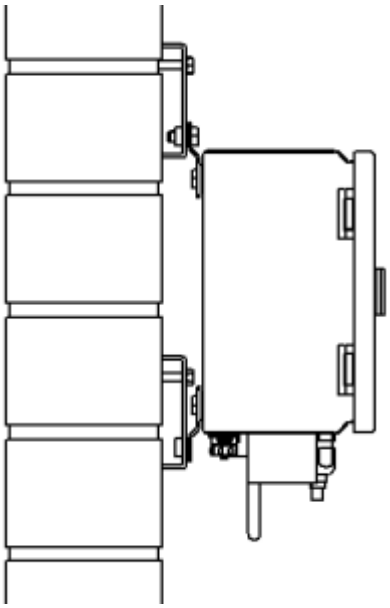


Fig. 11

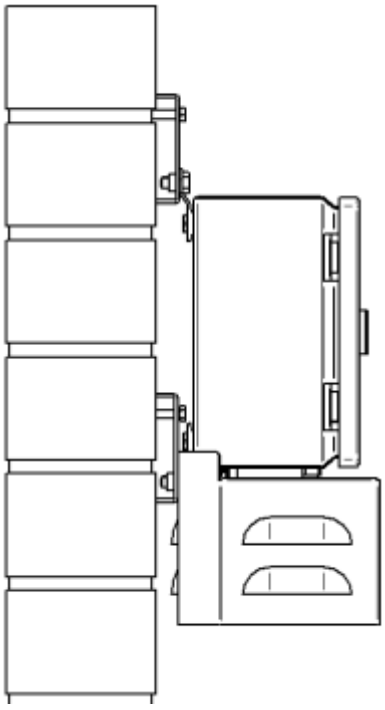


Fig. 12

FIT TOP TWO BOLTS FIRST

FIT FILTER SHIELD AND BOTTOM TWO BOLTS

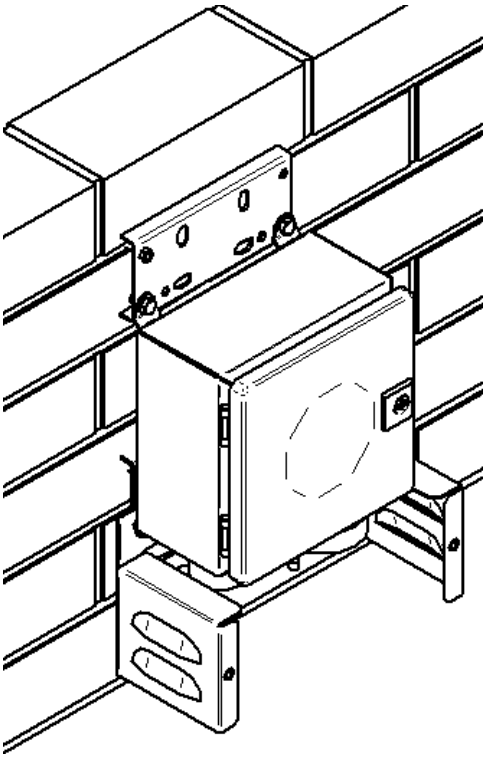


Fig. 13

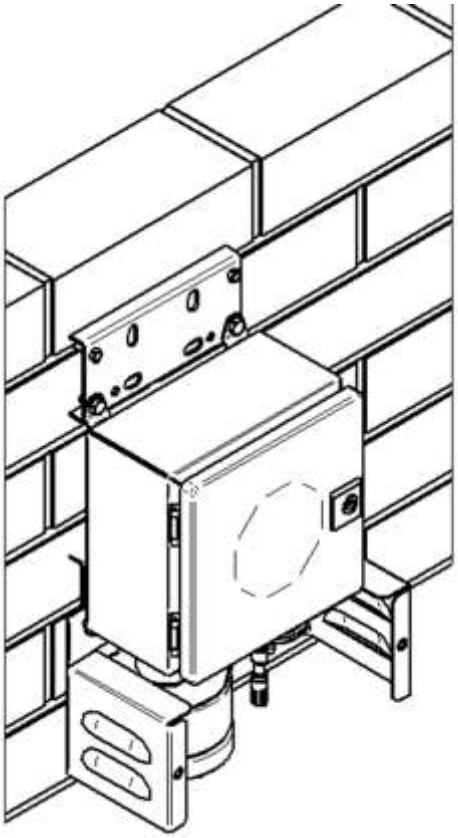


Fig. 14

SEE Fig 7 FOR FILTER FITTING

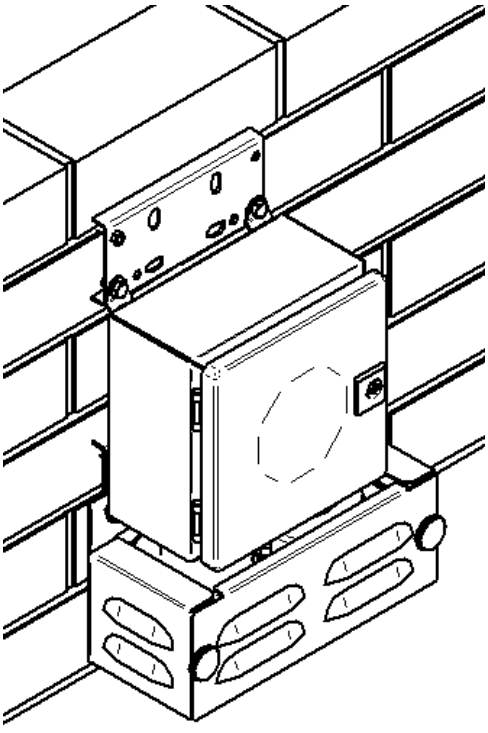


Fig. 15

TYPICAL POWER PORTAL PLUS AND iGAS WALL INSTALLATION

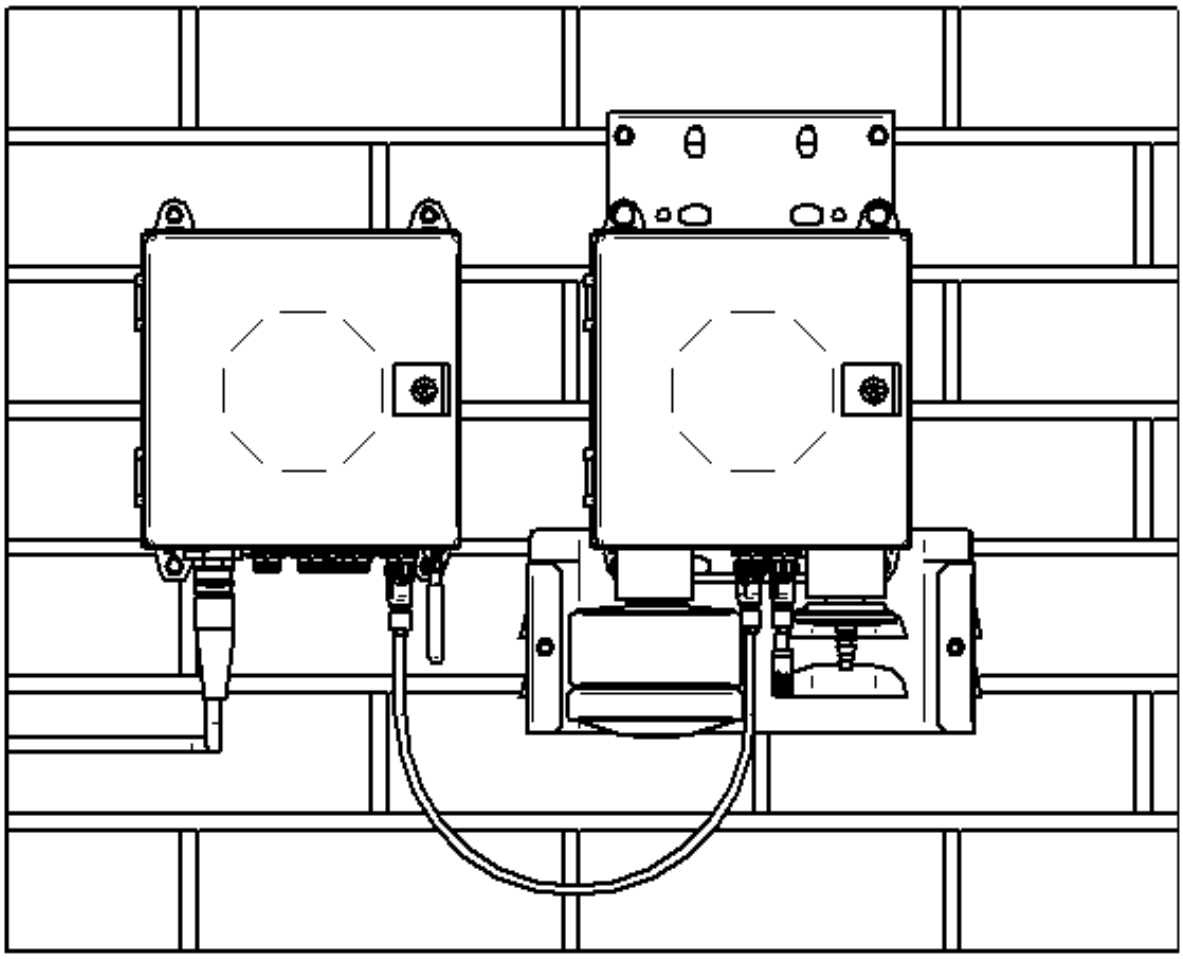


Fig. 16

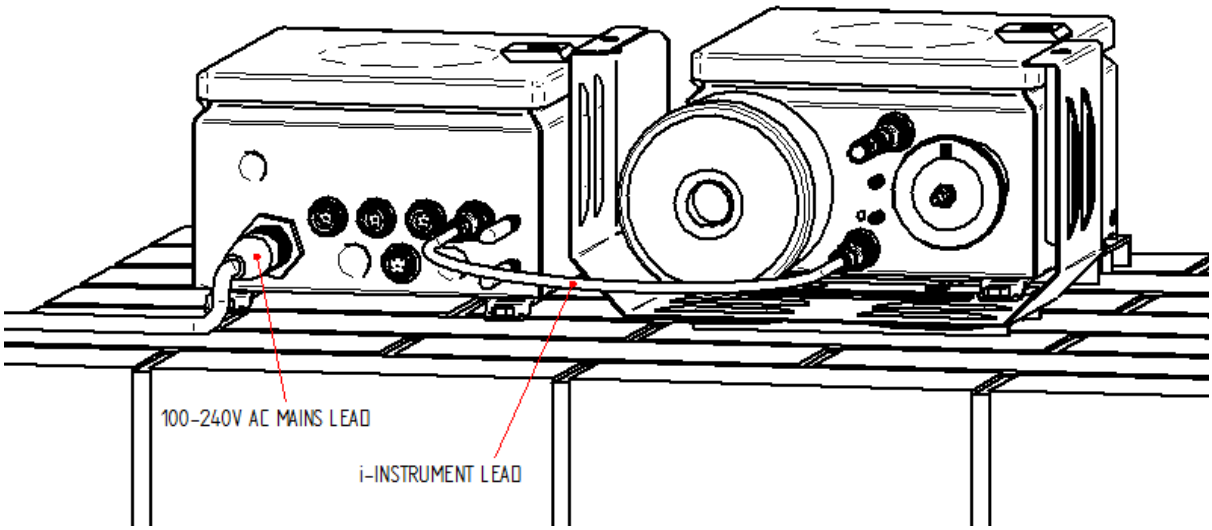


Fig. 17

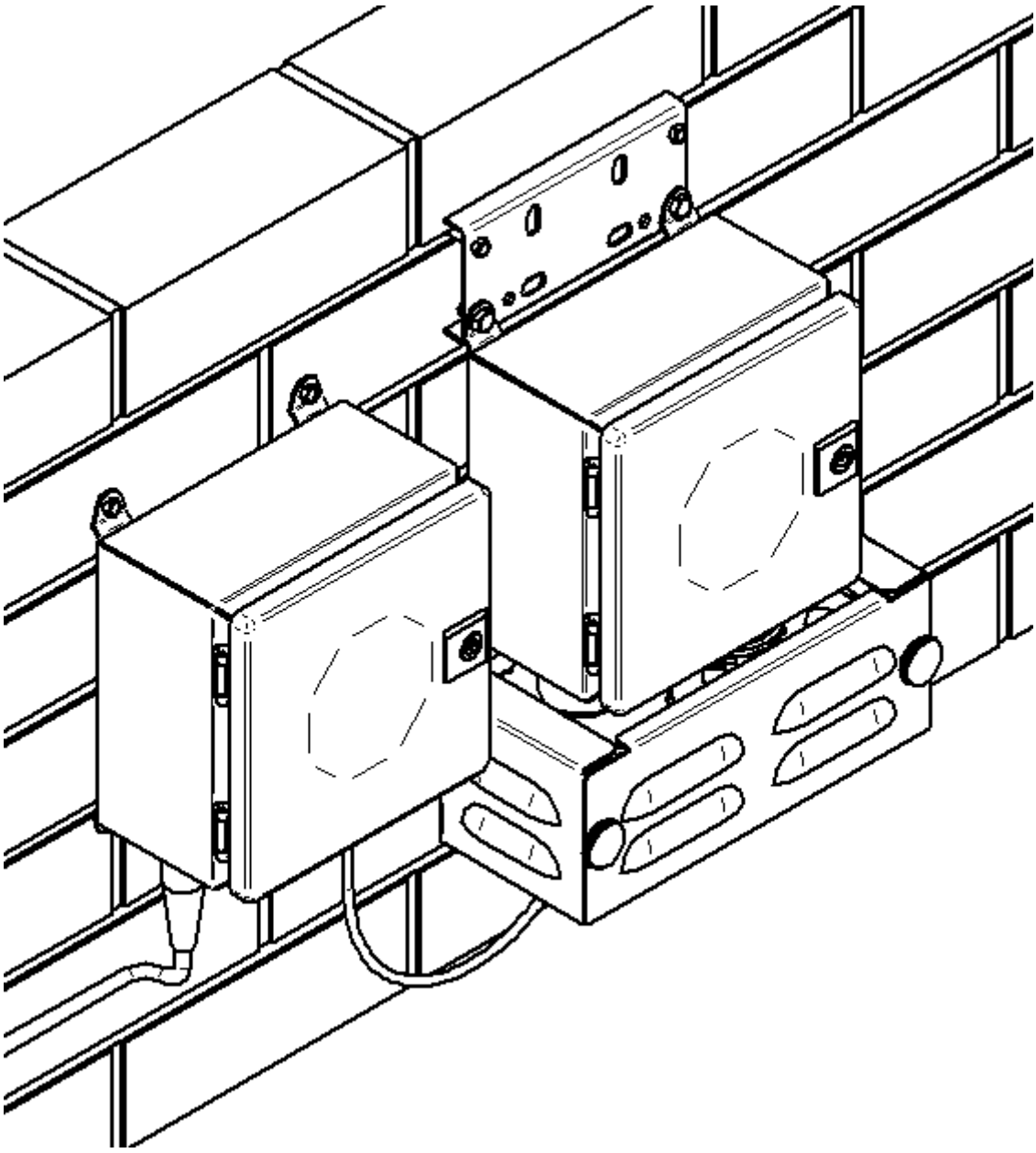


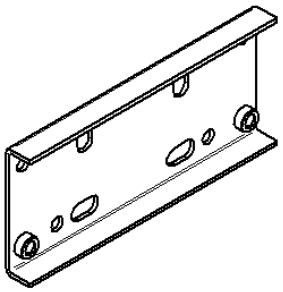
Fig. 18

TK1032 iGAS Full Sun Shield Lamp Post Mount

(1x Reel ½" Steel Band, 2x Steel Band Buckle available upon request as a cost option)



4x M8X20 TORQUE KNOB



2x M00815-2 iINSTRUMENT SUPPORT ARM

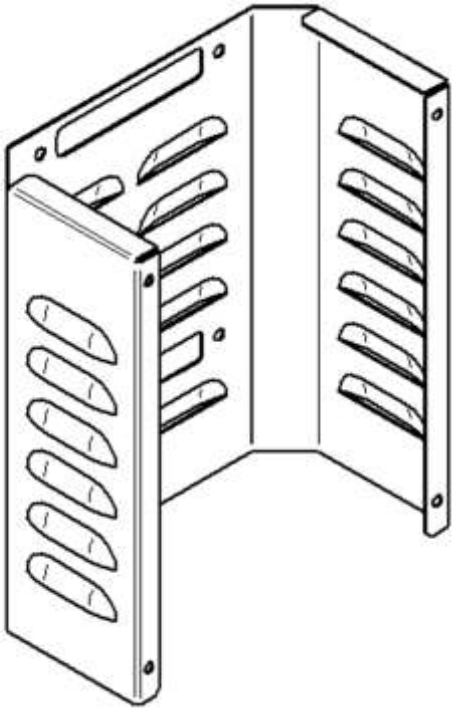




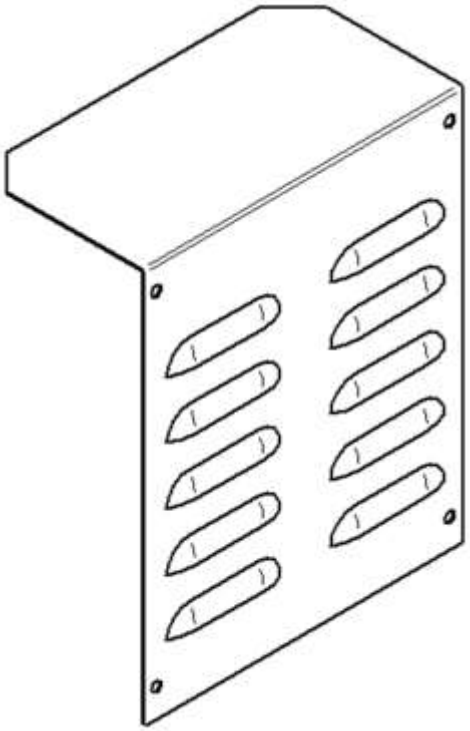
8x M8X16 Hex Bolt, 8x M8 Spring washer



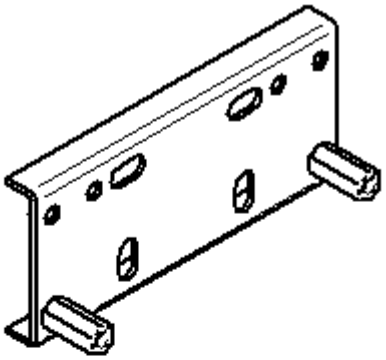
4x M8x30 Hex Spacer



1X M00811-2 iINSTRUMENT SUN SHIELD REAR



1X M00812-2 iINSTRUMENT SUN SHIELD FRONT



SPACERS FITTED TO SUPPORT ARMS FIRST

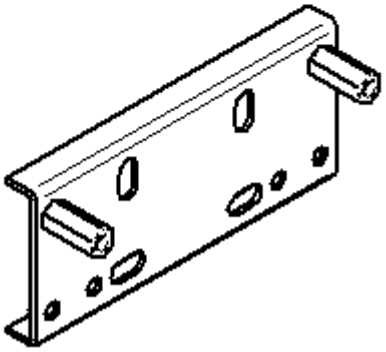


Fig 19

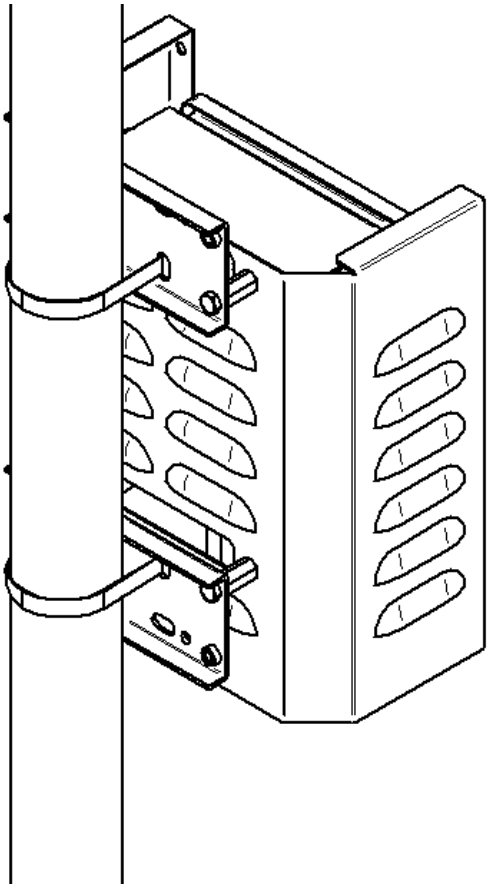


Fig 20

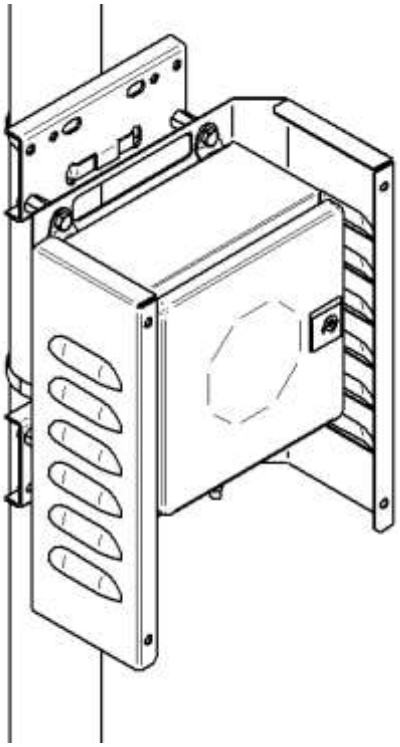


Fig 21

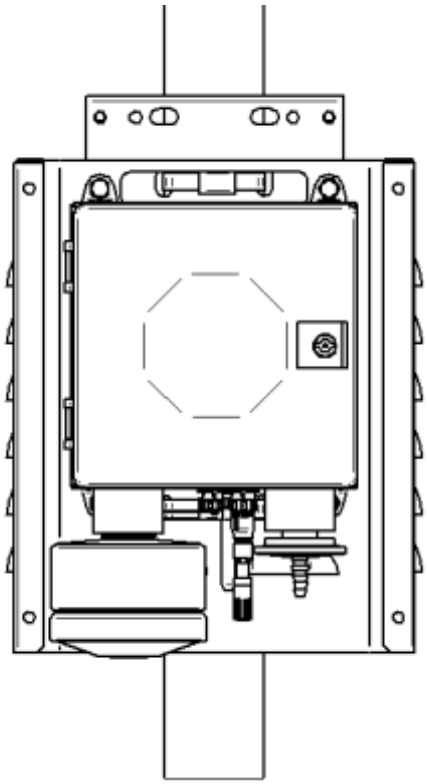


Fig 22

SEE Fig 7 FOR FILTER FITTING

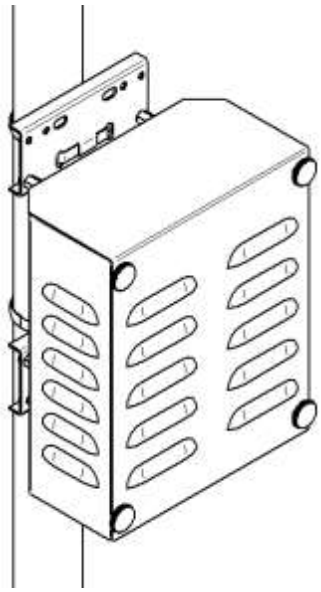
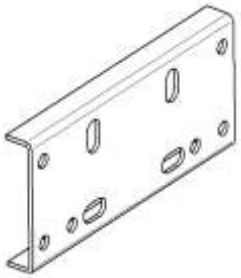


Fig 23

TK1032 iGAS Full Sun Shield Wall Mount



4x M8X20 TORQUE KNOB



2x M00815-2 iINSTRUMENT SUPPORT ARM

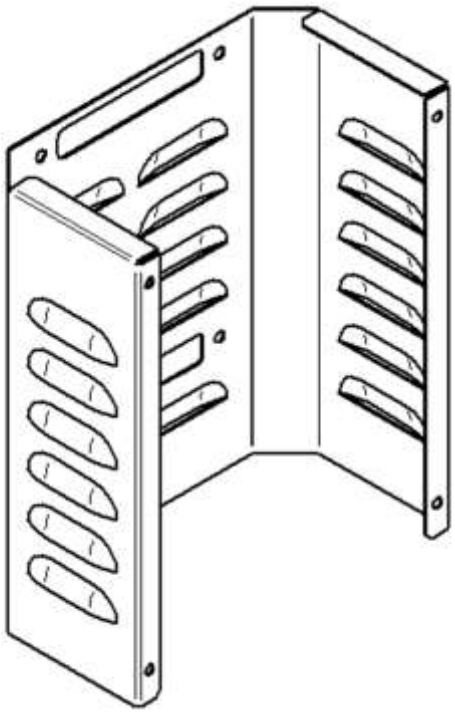


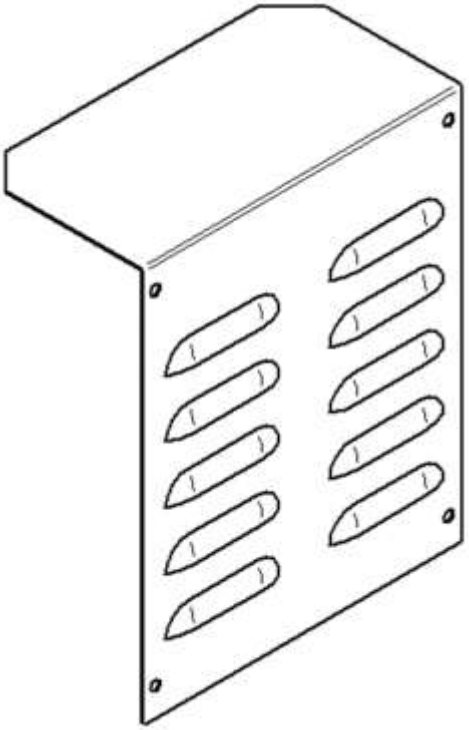


8x M8X16 Hex Bolt, 8x M8 Spring washer



4x M8x30 Hex Spacer





1 X M00811-2 iINSTRUMENT SUN SHIELD REAR 1X M00812-2 iINSTRUMENT SUN SHIELD FRONT

NOTE: WALL FIXINGS NOT SUPPLIED

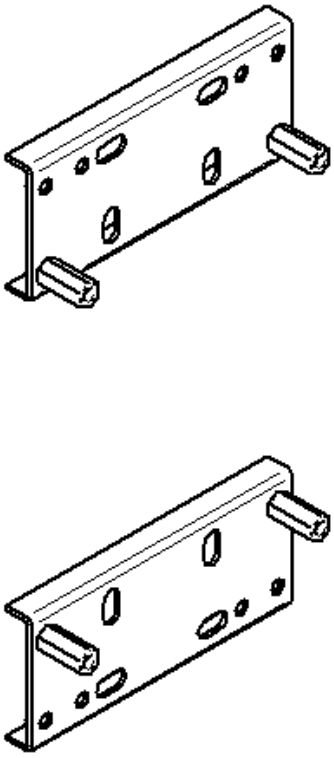


Fig 24

SPACERS FITTED TO
SUPPORT ARMS FIRST

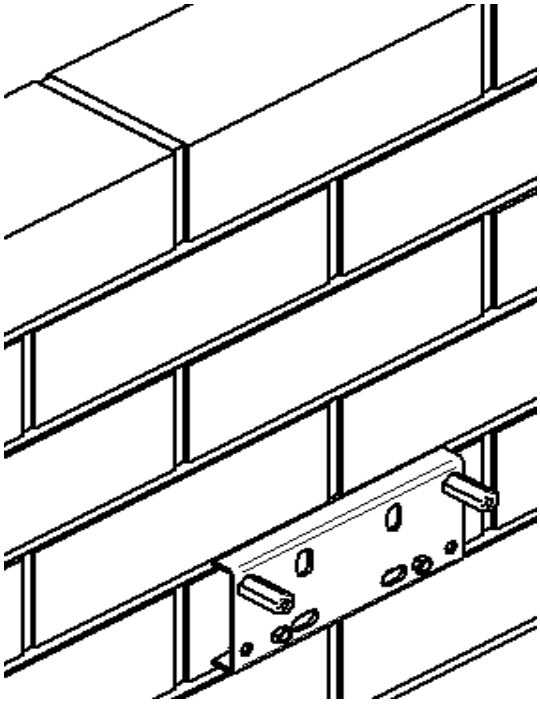


Fig 25

LOWER SUPPORT ARM
FITTED TO WALL (Use suitable wall fixings).

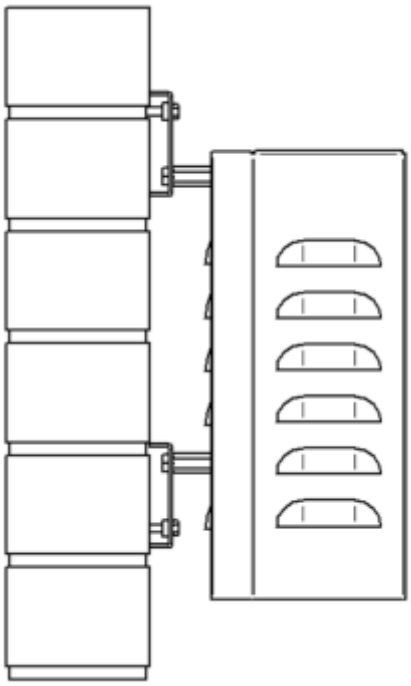


Fig 26

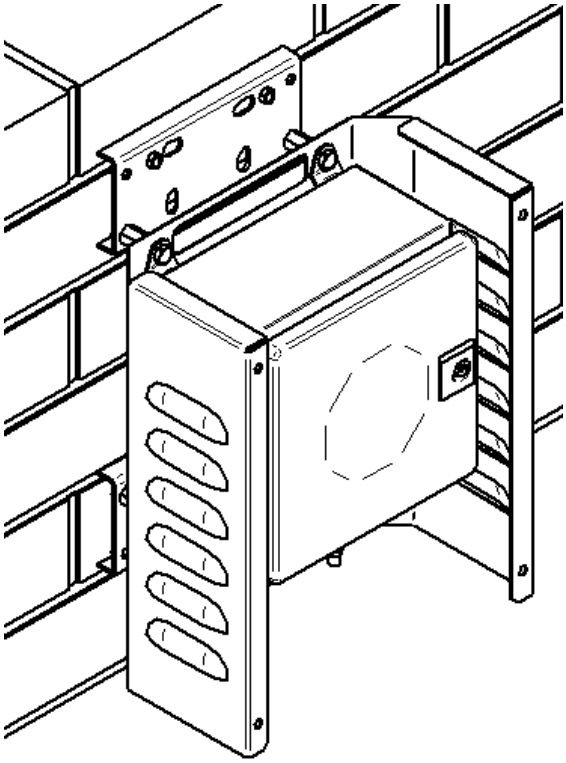
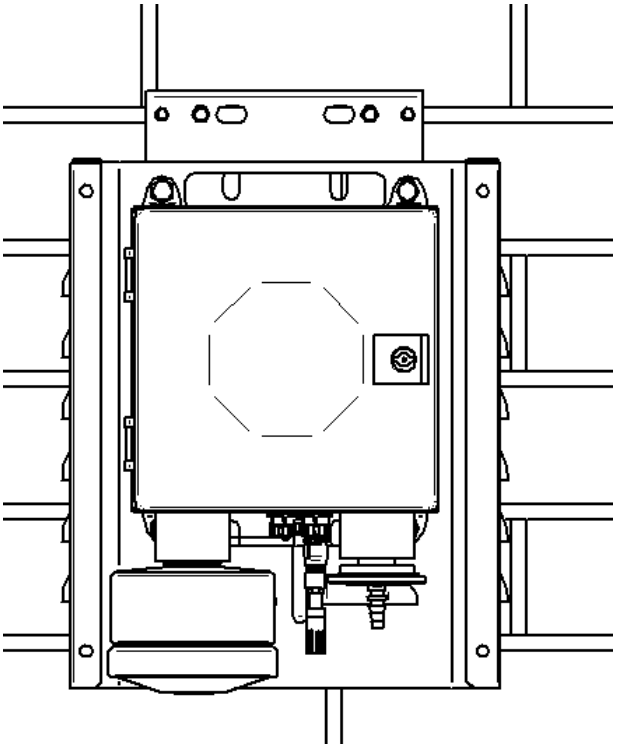


Fig 27



SEE Fig 7 FOR FILTER FITTING

Fig 28

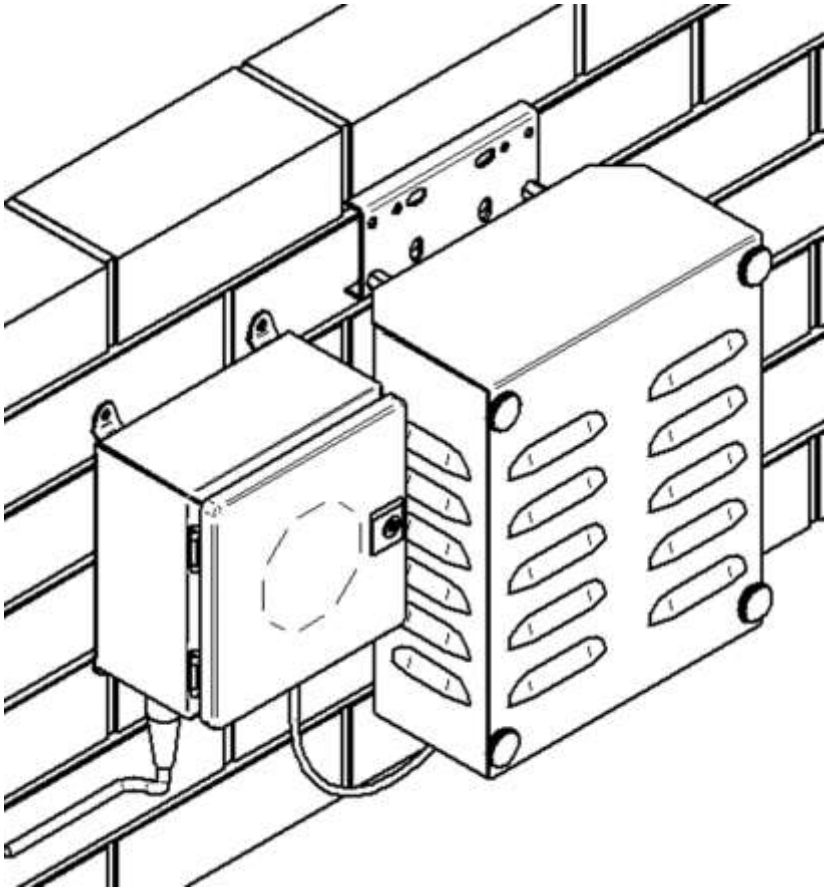


Fig 29

Revision History

- Issue 1 Original RSP, Nov 2017
- Issue 2 Wiring added, Jan 2018

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Issue 2 Jan 2018