
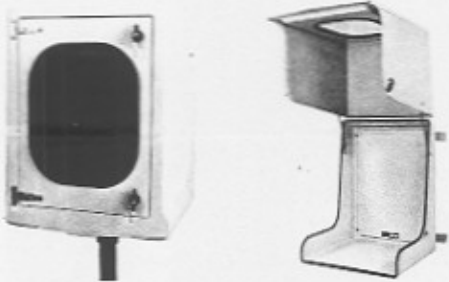
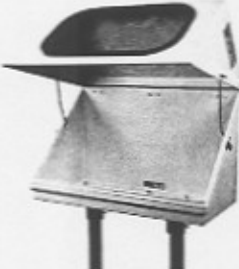



AK

Index

	<h3>“Junior” range</h3> <p>The “Junior” enclosures are designed in conjunction with the “instru-mount” system to provide a range of compact instrument enclosures with 100% accessibility to instrument, manifold and services. Designed principally for flow, level and pressure transmitters, these enclosures also house indicating controllers, recorders, differential pressure indicators, and similar instruments.</p> <p style="text-align: right;">Page 26</p>
	<h3>“Senior” range</h3> <p>The “Senior” enclosure offers a new concept in enclosure design by offering the choice of either “flip-top” or front/rear doors in one enclosure. It is designed to enclose “large case” instruments and is complementary to the “Junior” range in applications involving complex instrument services.</p> <p style="text-align: right;">Page 27</p>
	<h3>“S” range</h3> <p>Two enclosures with hinged tops comprising single S and double S. The double S is particularly useful for mounting two or more instruments in the same enclosure together with associated manifolds.</p> <p style="text-align: right;">Page 28</p>
	<h3>Junction boxes</h3> <p>The “E” type hinged door enclosures are primarily designed as junction or marshalling boxes. They are also suitable as terminal boxes and for enclosing small instruments.</p> <p style="text-align: right;">Page 29</p>

All Parker G.R.P. enclosures are designed and manufactured to meet IEC 144 IP56/65 standard.

Material

Parker enclosures are manufactured from glass reinforced polyester and are offered as a standard in grey colour to BS4800 10-A-03.

In addition to the smooth finish of glass reinforced polyester the material offers the following performances:

- impact absorption to BS5501
- fire retardent and self extinguishing (oxygen index = 30 to BS5734 part 1 method 4).
- working temperature: -55 to +80°C
- non absorption of hydrocarbons
- anti-static to BS5501 (option)
- good thermal insulation

How to order and create part number — read page 35, photocopy pages 36 and 37, complete, and forward to your local distributor.

"Junior" range

Purpose - The Junior enclosures are designed in a two piece arrangement with a straight/horizontal joint line which is essential for maximising installation and maintenance access. The enclosures are recognised as the finest design for accommodating a differential pressure transmitter and associated manifold. With a basic lift off or hinged top, connection entries are possible through the front, side, bottom or back.

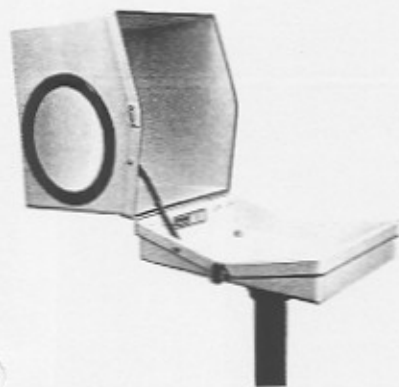


Fig. 1

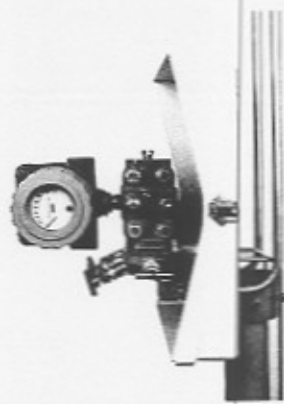
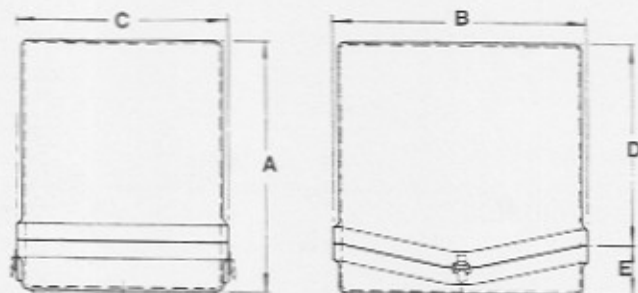


Fig. 2

Junior enclosures for maximum access and flexible installations



Junior	A	B	C	D	E
Type J1	380	380	310	305	75
Type J2	420	380	310	305	115
Type J3	480	380	310	405	75
Type J4	520	380	310	405	115

Dimensions given in millimetres

Description

The enclosure is made of two parts: a bottom and a "lift off" top. A recessed closed cell neoprene gasket in the top half renders the enclosure dust tight, waterproof and ensures minimal heat loss.

Closing of the two parts is achieved with two heavy duty stainless steel toggle fasteners. The enclosure is constructed with a reinforced web section at the joint line for rigidity.

The support plate can be supplied for either horizontal mounting (Fig. 1) or vertical mounting (Fig. 2).

To order: see pages 35/37 and complete section A.

Material

Hot pressed glass reinforced polyester with the following characteristics: impact absorption, self extinguishing, etc. . . .

See page 25 for details.

Options

Enclosure mounting

Full size 5mm base support plate with stub suitable for 2" N/B standpipe. Stub fitted with 3 stainless steel pinchbolts for assembly to 2" N/B standpipe.
Full height mounting stand.

Options (continued)

Instrument mounting

2" N/B instrument mounting pillar
Instrument mounting bracket

Enclosure heating

Steam heating coil
Electric heater for hazardous areas, thermistor controlled with modulating output.
Electric heater for non-hazardous areas, thermistor controlled modulating output.
Thermal insulation

Instrument viewing and inspection

Stainless steel rear hinges with top half of enclosure retained in open position by folding stainless steel stay.
High impact laminated glass window

Enclosure entries

Membrane grommets
Gland plates

See pages 30, 31, 32 and 33 for details of options.

Enclosure enquiry/order form

Enquiry reference Order number Date

Customer name

Important: complete the boxes with **Part ref.** to construct part number.

Enclosure part number

Q																				
---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Quantity

Enclosure type Section A

Junior 1
Junior 2
Junior 3
Junior 4
Senior
Single S
Double S
Junction box 8/2/6/E
Junction box 4/8/9/E
Middy

Part ref.

J1
J2
J3
J4
SR
SS
DS
E6
E9
MD

Enclosure mounting Section B Part ref.

Not required 0
Base plate + 2" stub (Horizontal) 1
Base plate + 4" stub senior (Horizontal) 2
Base plate + 4" stub double S (Horizontal) 3
Horizontal mounting straps 4
Vertical mounting straps 5
Mounting stand (1.5m), and base plate 2" 6
Mounting stand (1.5m), and base plate 4" 7
Base plate + 2" stub (Vertical) 8
Base plate + 4" stub (Vertical) 9

Hinges and props Section C Part ref.

Not required 0
Junior hinges and props 1
Senior hinges and props 2
Lockable toggles 3
Lockable toggles plus hinges and props 4

Glass window Section D Part ref.

Not required 0
Front 1
Back 2
Front and back 3
Right hand side toward front (Junior) 4
Right hand side toward back (Junior) 5
Left hand side toward front (Junior) 6
Left hand side toward back (Junior) 7

Door and locks Section E Part ref.

Not required 0
Front (Senior) 1
Back (Senior) 2
Front and back (Senior) 3
E6 and E9 Locks 4

To be completed by sales

Special features Section F

Part ref.

0 Not required
1 Required
2 And static to BS5501

Enclosure entries Section G

Part ref.

0 Not required
1 Grommets
2 Cable glands
3 Fittings
4 Grommets + glands
5 Grommets + fittings
6 Glands + fittings
7 Glands + fittings + grommets
8 Gland plate G.P.1
9 Gland plate G.P.2
A Gland plate G.P.S.q
B Bulkhead mounting plate
(for junction boxes)
C Any combination of above
(give details)

Instrument mounting Section H

Part ref.

0 Not required
1 2" N.B. pillar
2 Rear mounting plate
3 Vertical mounting plate
4 Bracket
5 Combination

Manifolds Section J

Part ref.

0 Not required
1 Required
2 2 way manifold mounting
block only
3 3 or 5 way manifold
mounting block only

Heating and Insulation Section K

Part ref.

0 Not required
1 Hazardous area elec. heater
2 Non-hazardous heater
3 Heating coil (Steam)
4 Insulation
5 Insulation + heater
6 Panel heater
7 Panel heater + insulation

Information plates Section L

Part ref.

0 Not required
1 Stainless steel
2 Traffolyte

For sections F to L also complete relevant section on page 37

Enclosure features	Information required	
Section F Special features	Fit free issue instrument: maker model no Make piping connections: state equipment details Non-standard window material: specification Non-standard enclosure size: dimensions Non-standard enclosure option requirements Coloured enclosure: colour Special metalwork painting: specification Other special materials	
Section G Enclosure connection entries	Grommets: quantity entry position size Cable gland: quantity entry position size material Connector fitting: quantity entry position size material Gland plates: position required entry details Bulkhead connector mounting plate: 7 way 12 way 19 way Combinations: state details as above for each type of connector	
Section H Instrument mounting facilities	2" N/B pipe mounting pillar: fitted position X = mm. Y = mm. Supply loose Fit to suit instrument maker model no. Vertical mounting plate: fitted position X = mm. Cut Outs A = mm B = mm Instrument mounting bracket: instrument maker model no. Combinations: state requirements	
Section J Manifold installation	Manifold part no. position of manifold to suit drain sizes	
Section K Heating and insulation	Electrical heater: volts watts hertz type Junction box requirements: entry specification Heating coil: material diameter entry/exit fitting type and position Other types of heating: state details	
Section L Information plates	Text details Size of characters	
Section M Inspection, certification drawing and approvals	Inspection details Certification requirements Drawing requirements Approval stipulations	

Please use this section if further details are needed to be given.