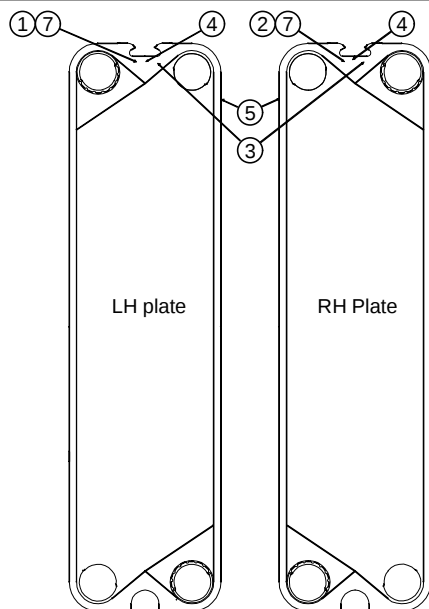


R5 PLATE - PHYSICAL

■ CONFIGURATION:

Form.....Trough
Flow type.....Diagonal
Handing method.....By pressing and gasket
Gasket attachment.....Paraclip or Stuck-in
Plate types available.....RH & LH Flow & Endplate

■ IDENTIFICATION:



Location of identification features

Feature	From June 1990
Left Hand type stamp	N/A
Right Hand type stamp	2
Date of manuf. (Wk & Yr)	3
APV Trade mark	4
Material thickness *	5
Plate angle (not applicable)	6
Raw material code	7

NOTES:

- For details of I.D. features, see Data Book sect. **GEN-HE, PHE PLATE NOTES - PHYSICAL, I.D. (GOLDS..)**.
- * Plate thickness: 2 pips = 0.9mm.
- For location of any I.D. features prior to above date see **PLATE - HISTORY** tables at the end of this **PLATE** section.

■ DATA:

Overall plate size.....1556mm x 419.5mm
Maximum plate pack width.....419.5 mm (16.52")
Horizontal port centres.....257 mm (10.125")
Vertical port centres.....1397 mm (55")
Port diameter101.6 mm (4")
Heat transfer area.....0.52 m² (5.60 ft²)
Liquid capacity.....2.73 litre (0.72 US gal.)
Plate removal distance (within frame).....305 mm (12")
Average plate gap.....5.44 mm (0.214")
Minimum plate gap.....2.72 mm (0.107")

Plate thickness	0.9 mm
Nominal compressed pitch	6.22 mm
Minimum compressed pitch	6.07 mm
Nominal uncompressed pitch	7.37 mm

■ WEIGHTS:

R5 Plate and Gasket (kg)	
Plate thickness (mm) >	0.9
316/304 S.S.	4.98
Titanium & Ti/Pd	N/A
Alloy C2000	5.52

Unlisted material weight equivalent

Unlisted material:	Use weight of:
Alloy C22	Alloy C2000
Alloy G30	316 S.S. x 1.06

NOTE: Weights are for fully blanked plates and include a non-viton Flowplate gasket.

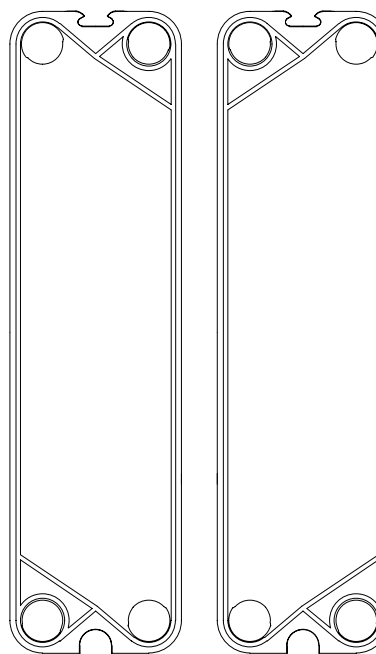
■ DRAINING AND VENTING:

When draining and venting is required, a hole must be drilled in the plate port blank between the passes with the diameter of the hole being approximately as follows:

Passages per Pass	Hole diameter (mm)
1 to 4	3.0
5 to 8	5.0
9 to 12	6.5
13 to 16	8.0
17 to 20	10

■ RH & LH FLOWPLATE:

Right hand plate Left hand plate



■ REFERENCES:

Flowplate drg. number.....HC1494
Endplate drg. number.....HC0400
Plate data drawing.....PD-R5