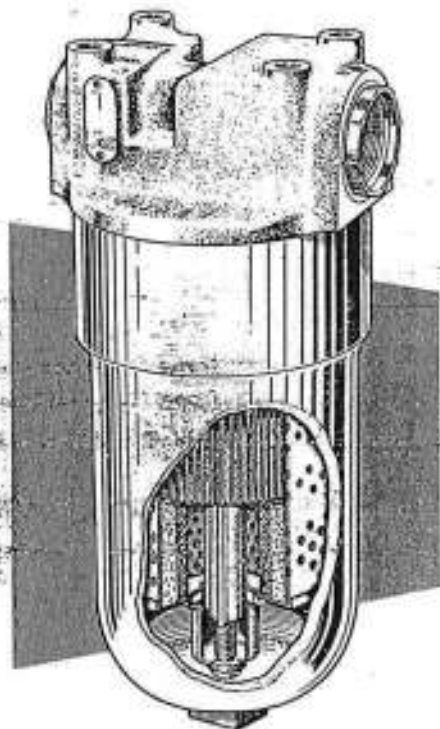


FAIREY 527-1 MICROFILTER

INSTALLATION
AND GENERAL
DATA SHEET



Design Features

1. RATED PRESSURE 4000 p.s.i.
PROOF PRESSURE 6000 p.s.i.
2. TEMPERATURE RANGE:
(Standard units) $-40^{\circ}\text{C} + 120^{\circ}\text{C}$.
3. RATED FLOW CAPACITY See Table.
4. PRESSURE DROP: 15 p.s.i. at rated flow through
clean filter using fluid of 30 centistokes or
(123 Redwood No. 1 sec.)
(141 Saybolt Universal sec.)
5. PARTICLE REMOVAL RATING See Table.
6. MATERIALS Head and Bowl: Ferrous
Element: Epoxy Resin Impregnated
Cellulose Fibre: Disposable
7. Internal by-pass relief valve opens at pressure
differential of 50 p.s.i.

Fluid Variants

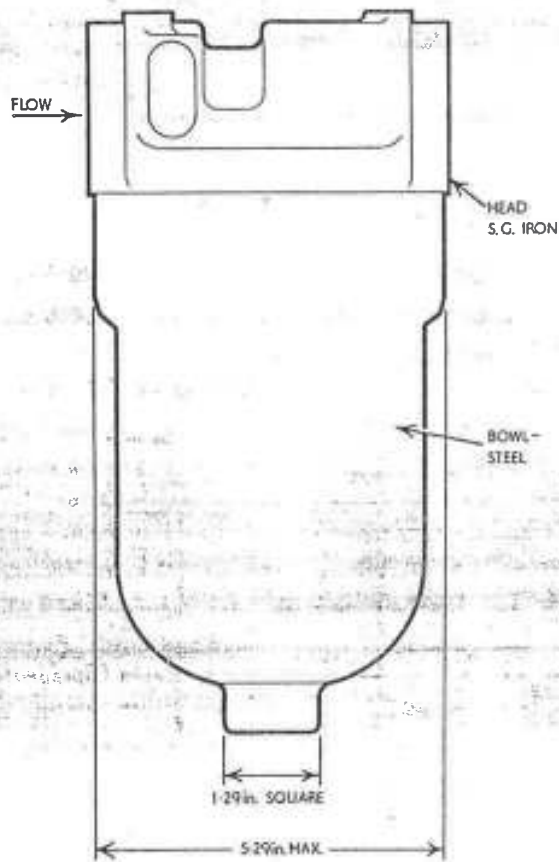
527 filters are available for use with mineral or vegetable base fluids, suitability being indicated by the suffix letter immediately after the 527 reference.

Suffix letters are:

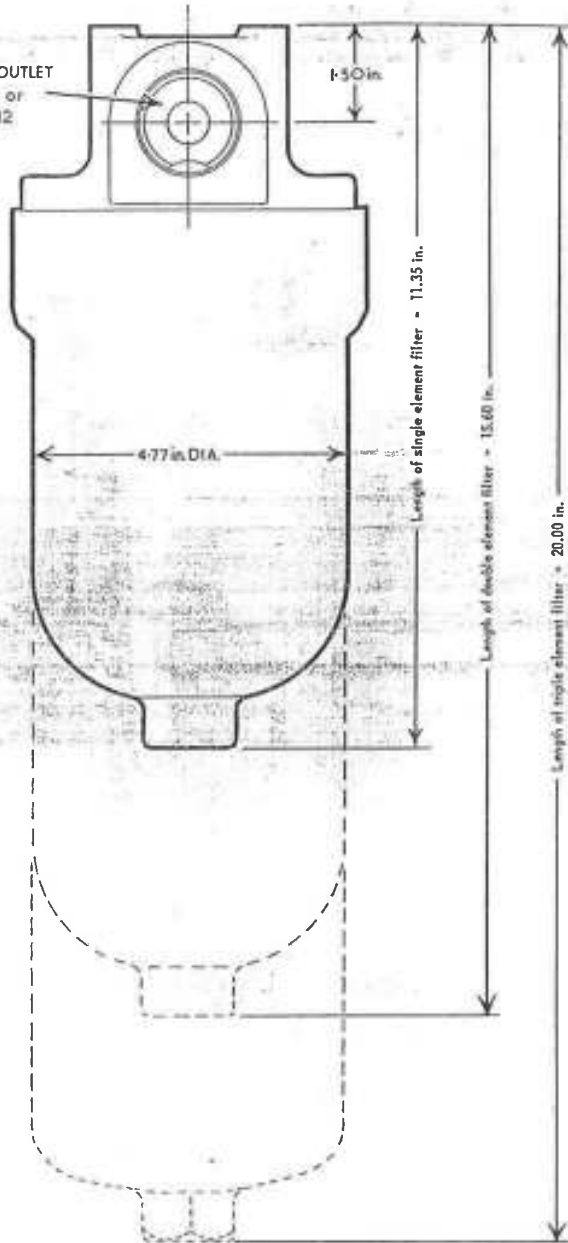
- A Mineral base fluids.
- D Vegetable base fluids.

For other fluid applications consult Fairey Hydraulics Ltd.

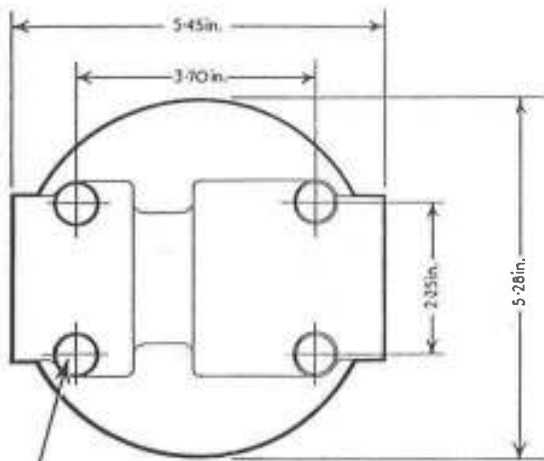
Complete Filter Part No.	Average Cut-off Rating (Microns)	Flow Imp. g.p.m.	Spare Element Part No.	Approx. Dry Weight lbs
527A-1-125	10	9	527A25 (Single)	30
527A-1-225	10	18	527A25 (Double)	36
527A-1-325	10	27	527A25 (Triple)	44
527A-1-135	15	22	527A35 (Single)	30
527A-1-235	15	44	527A35 (Double)	36
527A-1-335	15	66	527A35 (Triple)	44



INLET AND OUTLET
 $\frac{1}{2}$ in. BSP F or
 $\frac{1}{2}$ in. UN. x 12



ALLOW EXTRA 2.00 in. CLEARANCE FOR REMOVAL OF ELEMENT



4 HOLES FOR FIXING BOLTS
 TAPPED $\frac{3}{16}$ in. UNF x 0.5in. FULL THREAD

**TYPE 527 MICROFILTER
 INSTALLATION DATA**



FAIREY HYDRAULICS LIMITED,
 Cranford Lane, Heston,
 Hounslow, England.