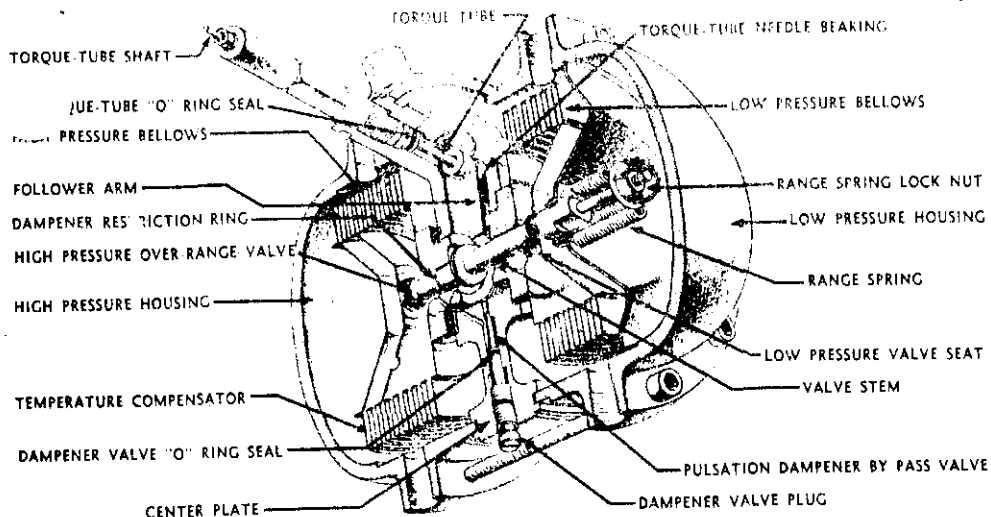


(Body of Horton Model 199)



The range of the unit may be simply changed by changing the range spring assembly on the end of the bellows valve stem.

The unit is temperature compensated by means of an auxiliary, free-floating bellows attached to one end of the main bellows and by choosing a fill liquid with a low coefficient of thermal expansion. For extreme temperature changes, bellows with special fill liquids may be obtained. In addition, for increased accuracy special Iso-Elastic stainless steel range springs may be fitted.

The Model 202 Flow Meter combines the Model 199 Meter Body with a rectangular die-cast aluminum case. Either spring-driven or electric chart drives are available with chart speeds ranging from 96 seconds to 30 days.

The Model 208 Recorder is a multiple pen meter having two Model 199 Meter bodies mounted on one case. This meter, which occupies essentially the same volume as the Model 202, may be used to measure either two completely different flow rates or to measure a single flow over widely varying rates. In the latter instance, the two differential units are connected in parallel and are calibrated to the minimum and maximum differential ranges.

The Models 202 and 208 Recorders are also approved when fitted with static pressure pens actuated by a brass, beryllium-copper or type 410 stainless steel pressure helix or when fitted with any other approved static pressure device.

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Ref: A-344