

## Lewis M. Ellison

214 West Kinzie Street

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CHICAGO, ILL.

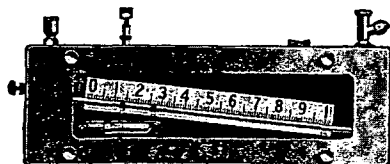


**Ellison Draft Gages**—The famous Ellison Inclined Tube Gage, the recognized standard of accuracy, was designed and introduced in 1896 by Lewis M. Ellison. Water in glass tubes having a

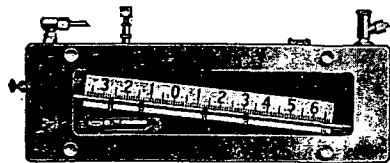
variable movement, an oil of constant response for the indicating liquid was adopted—permanency of calibration established. Today there is an Ellison draft gage for every draft from the small domestic furnace to the super-power boiler, for traveling engineers and for technical institutions.

The gages have sliding scales for setting zero, requiring no refilling for several years. The stationary gages are black finished, of heavy construction, with white enameled scales, readings visible across the boiler room.

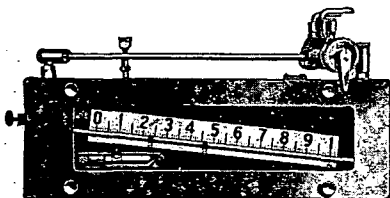
*Bulletin of complete line on request*



**SINGLE-TUBE INCLINED:** This gage, for power boilers, is made in 1, 1½, 2, 3, 4, 5, 6, 7½ inches scale range, suction or pressure.



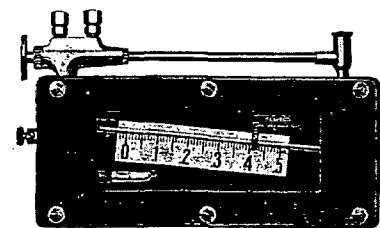
**COMPOUND INCLINED:** This gage reads furnace draft to left, flue draft or differential to right of zero.



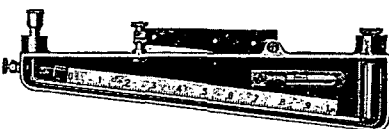
**COMBINATION INCLINED:** By turning the handle of the cock, this gage reads furnace draft, flue draft or differential, 1, 1½ inch range.



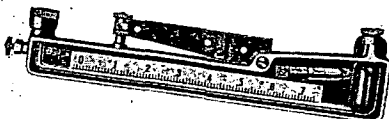
**SINGLE-TUBE INCLINED:** This gage is for small boilers and furnaces, and for power boilers with operating draft not over the scale range of ½ inch. It is equipped with seal for 400 feet chimney height, natural draft.



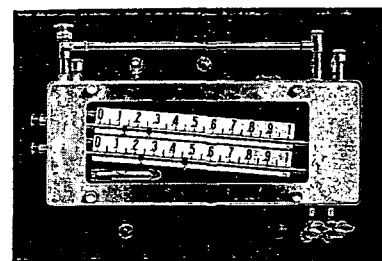
**AIR FILTER GAGE:** This gage indicates the differential in hand air cleaning filters, piped from the inlet and outlet sides, complete with connections and casing inserts. Pointer is set for the highest permissible increase in differential for properly filtering the air—the most satisfactory and efficient filter gage known.



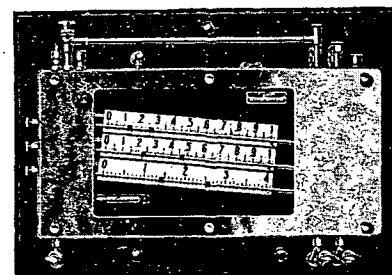
**OPEN TYPE INCLINED:** For laboratories and technical institutions, 1, 1½, 2, 3, 5 inches range. Suspension plate relieves the gage from mounting strains, level adjusted with left suspension. Furnished with and without portable attachments. White metal scale.



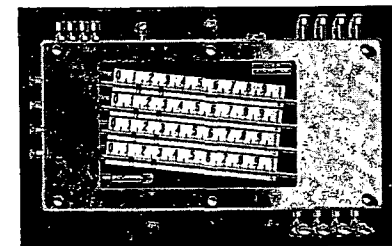
**PORTABLE INCLINED:** This gage was designed for traveling engineers, light and compact, ½, ¾, 1, 1½, 2 inches scale range. Furnished with attachments in pressed aluminum carrying case for one or two gages. Half-inch gage set ideal for heating engineers.



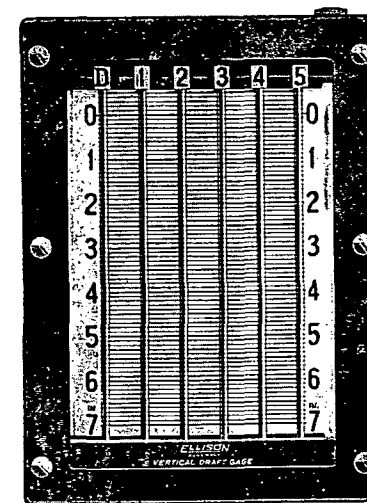
**TWO-TUBE INCLINED:** By means of the differential system, this gage reads 1 to 1½ inch furnace draft and differential simultaneously; flue and furnace drafts when cock is closed. Without differential system, 1 to 7½ inches range.



**THREE-TUBE INCLINED:** This gage is furnished with or without differential systems, with scales 1 to 1½ inch range of like readings or a combination of readings from 1 to 7½ inches scale range.



**FOUR-TUBE INCLINED:** This gage reads suction or pressure, 1 to 1½ inches of like readings or a combination of readings from 1 to 7½ inches.



**MULTI-TUBE VERTICAL:** This gage is for the duct and zone pressures of forced draft traveling grate stokers. It is made in 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 tubes, in 7 and 10 inch scale range, with white enameled sliding scale, requiring no refilling for several years. By means of an equalizer all chambers are filled in one filling. Furnished with panel or for gage board, complete with back connection fittings. Printed paper scales are furnished for marking the load curves, Firing Guide, inserted over the metal scale by simply removing the cover.

**SINGLE-TUBE VERTICAL:** This gage is made in four sizes, 4, 7, 12, 20 inches scale range for suction, pressure or differential, for gage board and with and without panel.

Like the stationary inclined gages, the scale is white enameled, readings visible across the boiler room. With the sliding scale feature, the gage requires no refilling for several years.

The efficient pressure range is carried between pointers, set by removing the cover.

