Warranty

We guarantee every DRAFTRITE Indicator to be free from defects in material or workmanship for a period of one year. If the instrument develops such defects within one year from date of shipment from our plant, it will be repaired or replaced if it is returned to our factory, transportation charges prepaid, with statement as to what is claimed faulty.

This warranty, however, does not apply to damage due to misuse or careless handling. Furthermore, we do not assume liability for indirect or consequential damage or loss of any nature in connection with equipment sold by us.

BACHARACH INSTRUMENT CO.

625 ALPHA DRIVE

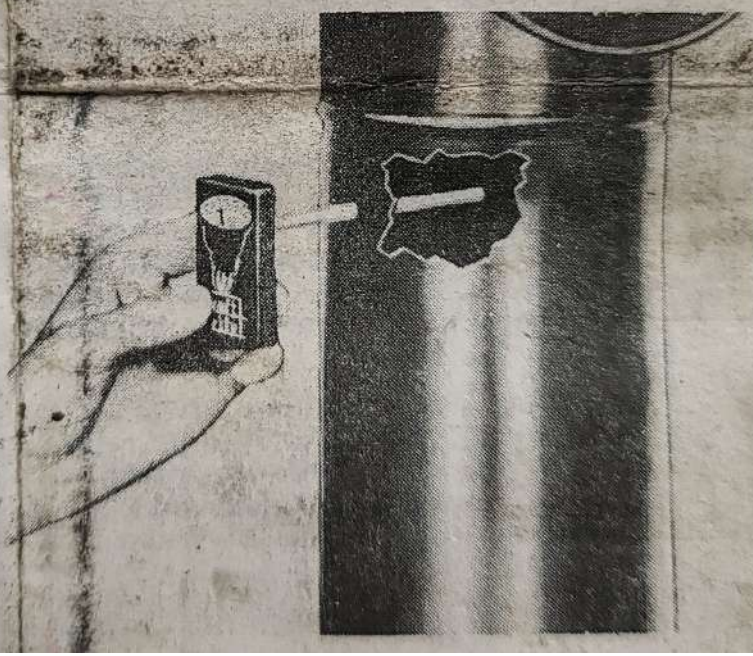
PITTSBURGH, PENNSYLVANIA 15238

Printed in U.S.A.

Instruction 13-9008

B

DRAFTRITE INSTRUCTIONS



the DRAFTRITE is illustrated on the front page.

Maintenance

Protect instrument from dirt, oil and lint. Do not oil. Keep gauge in case when not in use and keep case clean of lint or dirt. Clean Draft Tube occasionally with pipe cleaner. Protect gauge against excessive shock. Do not use as continuously indicating instrument. DRAFTRITE is designed for spot checking draft where extreme portability is important.

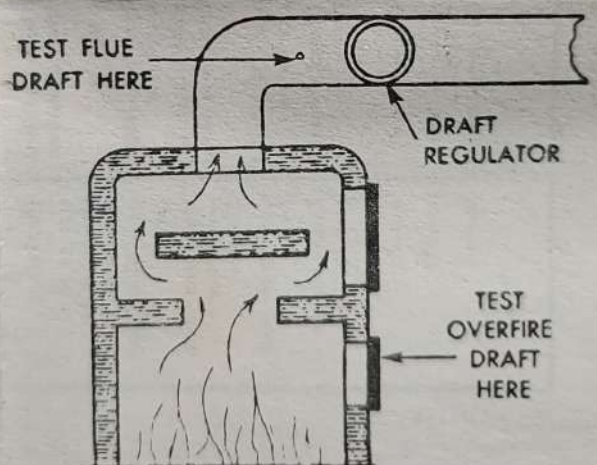
Correct Draft

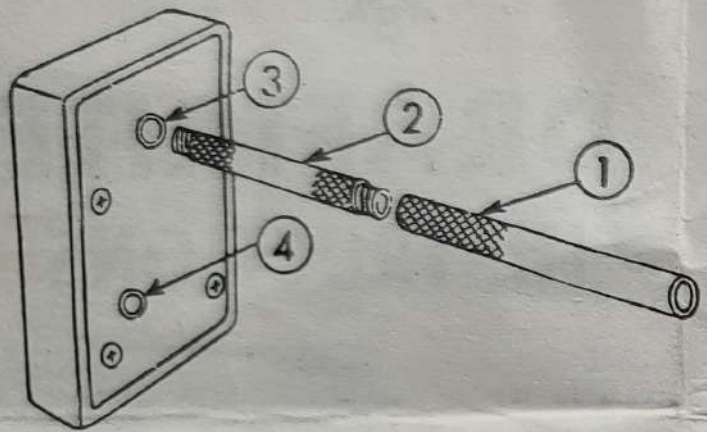
All combustion equipment requires correct draft for best performance. Specific draft recommendation should be obtained from manufacturer.

Note—Important

DRAFTRITE furnished in two ranges for measurement of updraft/downdraft of fuel burning equipment as follows:

.10 inch water downdraft to .14 inch water updraft
.05 inch water downdraft to .25 inch water updraft
Neither of the above models can be used to locate NEUTRAL PRESSURE POINT as required in "Requirements for Installation and Adjustment of Domestic Gas Conversion Burners" (American Gas Association —Z.21.8-1950). An ultra-sensitive NEUTRAL PRESSURE POINT DRAFTRITE is available for this purpose.





Assembly

Screw Draft Tube Parts together as indicated and into DRAFTRITE as indicated on back of instrument. Where required extend Draft Tube with length ¼" I.D. copper tubing. Total length extended Tube must not exceed 12 inches.

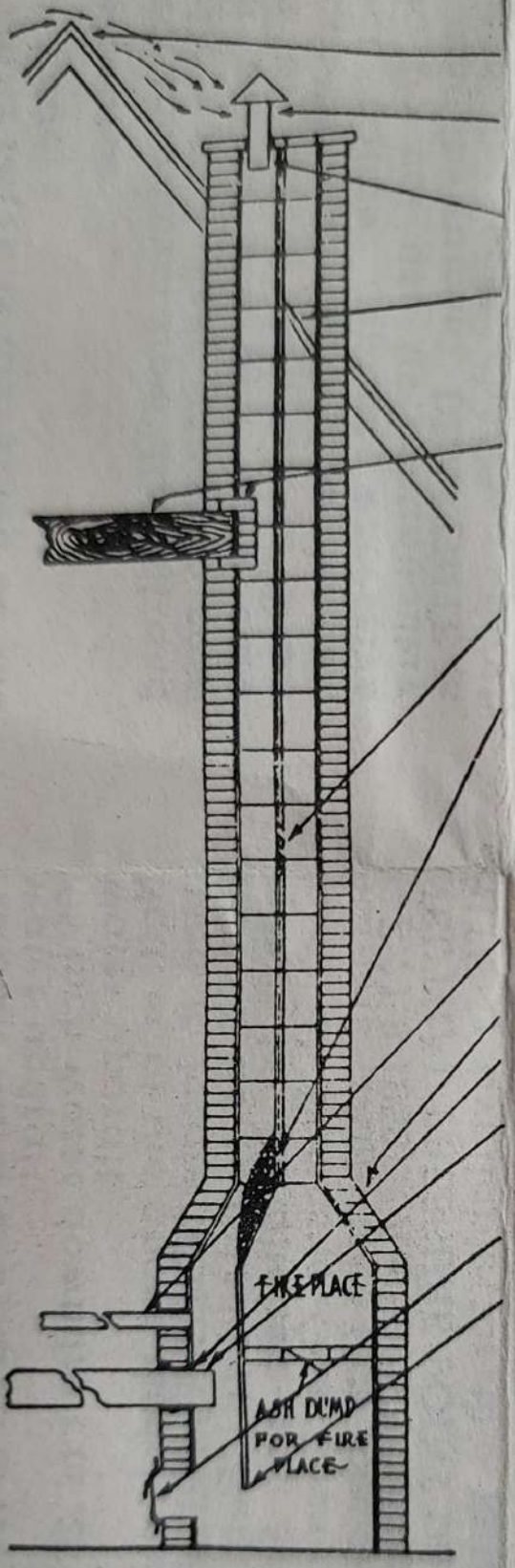
Locations For Checking Draft

Heating Equipment manufacturer may require draft measurement (a) in flue between furnace and draft regulator; (b) overfire between combustion space and heat exchanger. Locate draft hole in flue at least 6" from draft regulator or damper toward furnace. Use awl with ¼" shank to form hole in flue or light sheet metal. Overfire measurement may be made through bolt hole or air louvre in door or through observation port. If necessary, drill ¼" hole. In case of oversize opening, Draft Tube should protrude several inches minimum beyond inside wall; if necessary, extend the Draft Tube as explained above.

Draft Measurement With DRAFTRITE

Operate burner for several minutes and while continuing to operate insert about half of Draft Tube in draft hole. Cover Zero Check Hole with finger, level DRAFTRITE until (a) Draft Tube is horizontal and (b) pointer is in line with zero scale mark, uncover Zero Check Hole without disturbing position of DRAFTRITE. Pointer instantly shows draft or pressure reading. Use of

COMMON CHIMNEY TROUBLES



TROUBLE	REMEDY
Top of Chimney Lower than surrounding objects.	Extend chimney above all objects within 30 feet.
Chimney Cap or Ventilator.	Remove
Coping restricts opening.	Make opening as large as inside of chimney.
Piece of Broken Tile wedged in Chimney.	Break tile with a rod or weight on a string or wire.
Joist Protruding into Chimney.	Change support for joist so that chimney will be clear.
Leakage between loose jointed tiles.	Rebuild chimney with a course of brick between flue tiles.
Debris accumulated in offset.	Break out with rod or weight. May be necessary to open chimney.
Heater or Ventilator connection.	Remove
Offset	Change to straight or to long offset.
Loosely fitted smoke pipe.	Close leaks with cement.
Smoke pipe extends into chimney.	Make end flush with inside of Chimney.
Loosely fitted cleanout door.	Close leaks with cement.
Opening between flues.	Close openings permanently.
Chimney too small	Rebuild
Chimney too large	Rebuild
Chimney too short	Extend