



Visible Defects

MARS SERIES **938**

Visual Heat Exchanger Inspection System

The Visible Defects Heat Exchanger Inspection System is a tool that provides service technicians with an accurate, cost effective, and non-destructive means for evaluating heat exchangers in fuel fired furnaces. Cracked heat exchangers emit carbon monoxide gas into the living space of the dwelling which can result in sickness or death.

To perform the test, the technician simply inserts the brass spray nozzle fully into the air side of the heat exchanger and slowly pulls the nozzle out while spraying the patent pending green fluorescent dye and coating the inside of the heat exchanger. Next, the technician uses the black UV light to illuminate any dye that breaches the wall (via a crack) between the air-side and combustion-side of the heat exchanger. The test is fast, easy, and very effective. The real value lies in the fact that the service technician can easily show the furnace owner the existing problem.

The kit includes:

- Instructional Video
- Patent Pending Spray Applicator w/2 Nozzles
- Super Bright LED UV Light
- UV Blocking Safety Glasses
- Acrylic Inspection Mirror
- 2 Gallons of Crack Finder Dye
- 1 year Warranty

MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
93800	VD Detection kit	1	1
93816	Dye-Gallon Refill	1	4
93817	22" Replacement Nozzle Set	1	1
93818	Replacement Spray Bottle	1	1



SERVICE & INSTALLATION