



Algas-SDI™

...Innovative liquid vaporizing and gas mixing solutions

ISO 9001
Certified

Engineering Bulletin

Direct Fired™
LP-Gas Vaporizer, 40/40H & 80/40H

Bulletin Number: DF 4-03

Delayed Main Burner Ignition And Draft Issues On Models 40/40H and 80/40H

Effective 4/1/03 (from serial numbers A02J0015142 for the 40/40H and A02J0034725 for the 80/40H), all Algas-SDI Direct Fired™ vaporizers will have the following changes affecting the covers, burner assemblies, and pilot assemblies.

On the current burner configuration with angled burner tips, some units have experienced delayed lighting of the main burner from the pilot and in some cases, extinguishing of the pilot flame due to insufficient draft induction in the unit. This problem can be exacerbated by blockages to the base of the unit, such as snow drifts. Under these conditions, the opening in the cover is too small to allow for proper drafting of the unit. After serial numbers A03B0015262 for the 40/40H and A03D0033409 for the 80/40H, the upgrades listed in the kit below will be made at the factory.

To correct this, a 40/40H Draft Enhancement Kit (P/N 41012) and an 80/40H Draft Enhancement Kit (P/N 41013) have been created. The kits include an improved 80/40H Flame Guide (P/N 1504-5013) and 40/40H Flame Guide (P/N 1502-5010), an improved 80/40H Vaporizer Pilot Bracket (P/N 1504-5010), an increased pilot orifice for the 80/40H (P/N 37510) and the 40/40H (P/N 46-6), covers with hole sizes increased to 6" for the 40/40H (P/N 451-511-01) and the 80/40H (P/N 452-508-01), and a raised Burner Mounting Bracket for both the 40/40H and the 80/40H (P/N 451-510-01). For more information, contact an Algas-SDI sales representative at sales@algas-sdi.com.

At Algas-SDI, LLC, we are committed to continuous improvement and customer satisfaction. We hope that you will find this bulletin both useful and beneficial. If you have questions regarding this bulletin or have an improvement suggestion, please write or phone our customer service department.

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