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Product Upgrade Bulletin

Bulletin Number: DF 110213

Topic: Product Upgrade - Burner Jet Orifice Change

Product: Algas –SDI Direct Fired Vaporizers

Models: 40/40H, 80/40H and 120/60H: Beginning Serial numbers: 40/40H - A13J20003627; 80/40H - A13J40007352; 120/60H - A13J60002719

Purpose: Notice of product upgrade to improve overall performance of the direct fired vaporizer

To improve the overall performance of the direct fired vaporizers, Algas-SDI has implemented a change to the burner jet orifice on the 40/40H, 80/40H and 120/60H. The new burner jet orifice is a #69 orifice.

The new burner jet orifice is paired with an additional upgrade to the components on the main burner supply line. A tee with a pressure port has been added to the main burner supply line at the outlet of the thermostat enabling the end user to properly set the pressure required for proper operation and combustion of the new burner.

Vaporizers manufactured after November of 2013 (see beginning serial numbers above) are equipped at the factory with #69 burner jet orifices and the new pressure port.

Proper pressure settings for the units equipped with #69 jets are shown below.

Model	Regulator Gas Pressure	Thermostat Port Pressure	Burner Pressure
40/40H	11" w.c.	10" w.c.	9" w.c.
80/40H	10" w.c.	9" w.c.	7" w.c.
120/60H	18" w.c.	14" w.c.	12" w.c.

Units manufactured from October 2002 equipped with #66 burner jet orifices can be upgraded with the new burner jet orifice and pressure port by purchasing a burner retrofit kit. If you would like to upgrade your existing unit contact your distributor for price and availability, applicable burner retrofit kit part numbers are:

40/40H Burner retrofit kit p/n: 45000

80/40H & 120/60H Burner retrofit kit p/n: 45008

For additional information, contact Algas-SDI Technical Service & Global Support Center at (+1.206.762.4357), email: OrderDeskLPG@algas-sdi.com or sales@algas-sdi.com.

At Algas-SDI we are committed to continuous improvement and customer satisfaction. If you have any questions regarding this bulletin or have an improvement suggestion you would like to make, please write or phone the Global Support Center.

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