STERLING SEPARATED CO
QVSB, QVSD, MS & SVFS
HORIZONTAL CONCENTRI M5)

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 11/04/13

This Horizontal Concentric Vent Kit utiliz
one 8 inch termination in which both the
discharge flue gas and the combustion a
inlet pases.

	Air Inlet Size	Discharge Flue Size
100, 125, 150, 200	4" (102mm)	4" (102mm)
200, 225, 250	5" (127mm)	5" (127mm)
300, 350, 400	6" (152mm)	6" (152mm)

KIT CONTENTS

(1) Part No. 3603 –
Concentric Vent Box Assembly
(See Figure 1)

(1) Part No. 3604 –
Inlet Air Screen

(1) Part No. 3605 –
Flue Terminal Assembly

(1) Tube –
Silicone Sealant

(1) Part No. IIMOW6/7 –
Installation Instructions

VENTING REQUIREMENTS

Standard two pipe venting and concentric vent kits are certified by A.G.A. and C.G.A. as venting methods for our Separated Combustion Models QVSB, QVSD and QVSF. No other venting arrangements are approved or certified for use with Sterling Separated Combustion Unit Heaters and Duct Furnaces.

All pipes are field supplied; 24 gauge single wall galvanized steel is recommended. All joints must be sealed with either high temperature silicone or aluminum foil tape.

The maximum vent length for the combustion air inlet is 50 equivalent feet. The maximum vent length for the flue gas outlet is also 50 equivalent feet. Allow 10 equivalent feet for each 90 degree elbow, and 5 equivalent feet for each 45 degree elbow. See Figures 2 and 3 for typical installations of the Sterling Horizontal Concentric Vent Kit.

Figure 1– Concentric Vent Box Assembly - Dimensional Data

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PROJECT: _____

UNIT TAG: _____

RESURGAM. CITY OF PORTLAND, MAINE
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Figure 2– Typical Horizontal Vent Kit Insta

Figure 3– Typical Horizontal Vent Kit Installation Requirements