

# KS55 Mesh Barrier - Single Sided Gas Fireplace

Information Sheet for Builders and Architects

FIRE BY **escea.**

## SPECIFICATIONS

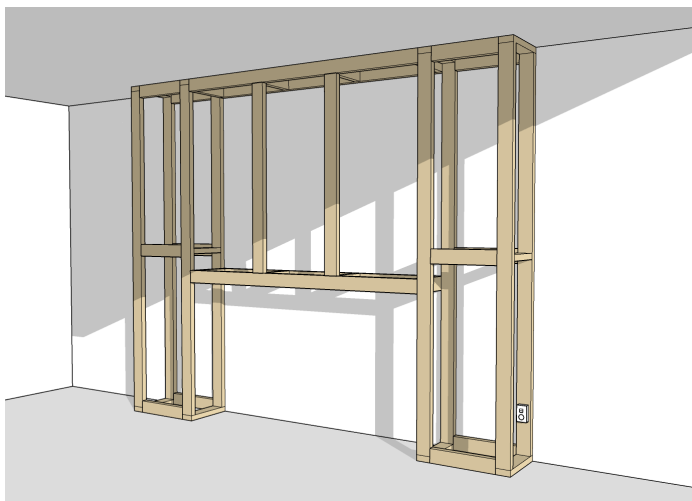
<b>Model No.</b>	NBS5525
<b>Gas Input (NG/Propane)</b>	45,000 BTU-hr/42,000 BTU-hr
<b>Heat Output (NG/Propane)</b>	28,485 BTU-hr/27,762 BTU-hr
<b>Gas Type</b>	Natural Gas / Propane
<b>Power Requirement</b>	3 pin, 110/120V mains power
<b>Appliance Weight</b>	352.7 lbs
<b>Fuel Bed/Media</b>	Traditional Logs, Riverbed, Crushed Glass
<b>Connections/Gas Connection</b>	Right-hand side/Lower center
<b>Room Sealed Glass</b>	Yes
<b>Duct Vent</b>	Not Required
<b>Fireplace Chase Venting</b>	Not Required
<b>Clearance to Combustibles</b>	Zero clearance from fireplace surfaces
<b>Service Access Hatch</b>	Not Required



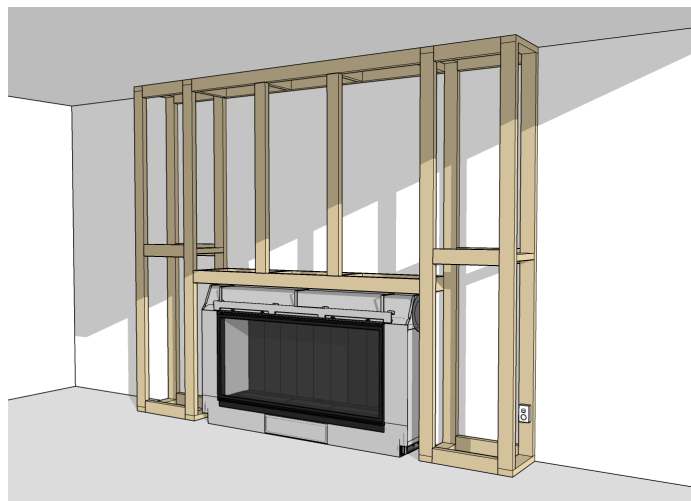
<b>Vent System</b>	Power direct-vent with 4" x 6 3/8" vent pipe*
<b>Vent Termination Locations</b>	Roof or Wall mounted Terminations
<b>Minimum Vent Length</b>	24"
<b>Maximum Vent Length</b>	50' (600")
<b>Vent Clearances to Combustibles</b>	3" above vent, 1" to sides/below vent
<b>Compliance</b>	Certified to ANSI Z21.88/CSA 2.33

\*Refer to the Escea KS Series Power Vent Information Sheet

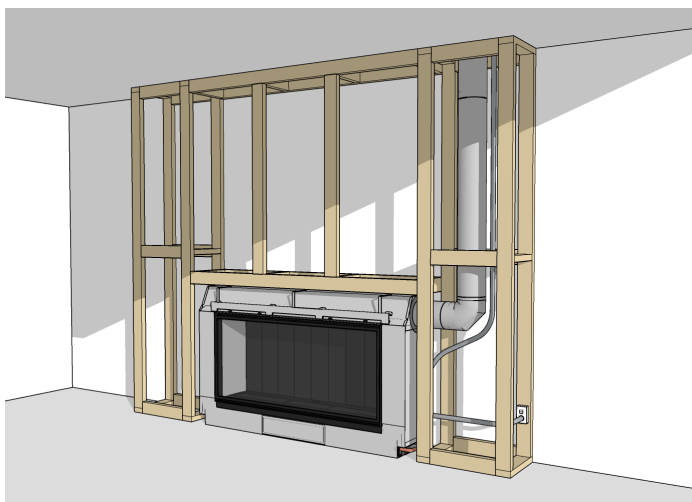
## INSTALLATION



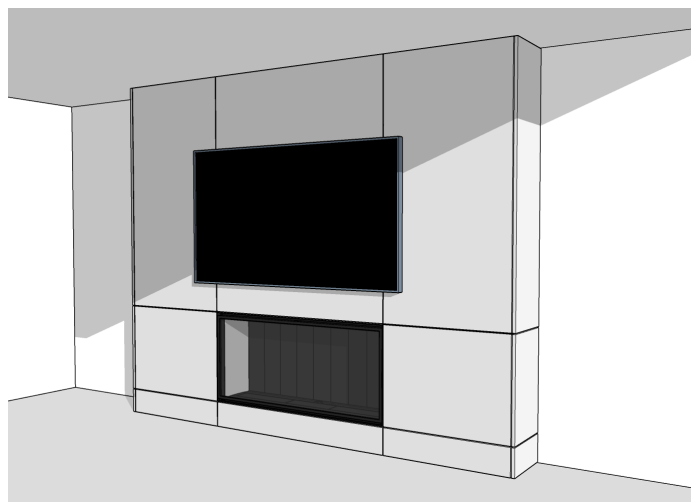
Construct the wood framing following all minimum fireplace chase opening requirements and with consideration to vent pathways. Provide a continuous base for the fireplace. Allow for mains power connection and an accessible isolation switch.



Install the appliance into the preformed opening in the chase. Secure to the framework using the supplied nailing flanges. The fireplace should be flush with the wood framing.



Install the electrical connection and gas supply. Connect the vent pipe to the fireplace and construct vent pathway to the vent termination. Connect Power-vent electrical supply from the fireplace to the vent termination.



Fix the wall linings to the framework and the fireplace leaving a 1/4" gap to the glass opening. The wall lining can be bonded directly to the fireplace. vInstall any additional finishes or fixtures to complete the project.

