HeatShift LDK Duct Kits for 1100J, 1150J, 1400J, 1500J, 1600J, 1700J and 1800J Configurations, Concept, Dimensions

Suggested Configurations

- **Front wall outlet using LDK1 or LDK4**
- **Rear wall outlet using LDK1 or LDK4**
  
  Note: Fireplace vent may conflict with plenum. Offset vent around plenum.

- **Side wall outlets using LDK3**

- **Rear wall outlets using LDK3**
  
  Note: Vertical venting straight off the 1600J heater will NOT clear the 38" (LDK4) or 48" (LDK1) plenums without offsetting the vent around the plenum.

- **1600J L1 2-sided using LDK1 or LDK4**

**WARNING**

This duct kit is approved for horizontal discharge ONLY. DO NOT install plenum in floor or ceiling. DO NOT COVER OR PLACE objects in front of air outlet(s). AVOID locating outlet within 7 feet of the floor level as discharge air temperatures are hot!

DO NOT DISCHARGE OUTDOORS.

Linear Series corner installations except 1600J

Linear* corner installations with front or rear wall outlet using LDK1, LDK3 or LDK4 (*except 1600J)

H Series corner installations

Note - Vertical venting straight off the H6 heater will clear plenum without having to offset venting. **H5 heaters will require venting to offset around plenum.**

Note - LDK Plenum may require larger minimum corner cavity than heater minimum corner cavity - plan accordingly!

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**Note**

- Vertical venting straight off the 1600J heater will NOT clear the 38" (LDK4) or 48" (LDK1) plenums without offsetting the vent around the plenum.
- Take-off collars are staggered, two per side.

**Centerline of heater and plenum**

Min. 73" (using 48" LDK 1)
Min. 63" (using 38" LDK 4)

Min. 51-5/8" (LDK1)
Min. 44-1/2" (LDK4)

Min. 73" (using 48" LDK 1)
Min. 63" (using 38" LDK 4)

Note - Vertical venting straight off the H6 heater will clear plenum without having to offset venting. **H5 heaters will require venting to offset around plenum.**

Note - LDK Plenum may require larger minimum corner cavity than heater minimum corner cavity - plan accordingly!
Overview (applies to all kits and listed appliances)

Flexible or rigid, 5" diameter
UL-181, Class 1
Air Duct (4)
(use LDK6 kit or equivalent)

Min. 1" clearance to combustibles around pipe

Min. 2-1/2" clearance to ceiling

Min. 1" clearance to combustibles around pipe

Min. 30", Max. 12'-0"
See table for offsets
### Vertical Rise

<table>
<thead>
<tr>
<th>Vertical Rise</th>
<th>Max. Allowable Horizontal Offset</th>
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<tbody>
<tr>
<td>30&quot;</td>
<td>24&quot;</td>
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<tr>
<td>36&quot;</td>
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<tr>
<td>66&quot;</td>
<td>96&quot;</td>
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<tr>
<td>12'-0&quot;</td>
<td>96&quot; Max.</td>
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Plenums Dimensions

**LDK 1**

- 48" LDK 1
- 12" LDK 1
- 5" dia. collars (4)
- 3" standoff
- 1/2" wallboard
- 11-1/2" mounting bracket and 1-1/2" standoff
- 6" knock-out each end for optional 1270RBK connection

**LDK 4**

- 38" LDK 4
- 10" LDK 4
- 5" dia. collars (4)
- 1/2" standoff
- 1/2" wallboard
- 11-1/2" mounting bracket and 1-1/2" standoff
- 6" knock-out each end for optional 1270RBK connection

**LDK 3**

- 14" LDK 3
- 7" LDK 3
- 5" dia. collars (2)
- 1/2" standoff
- 1/2" wallboard
- 11-1/2" mounting bracket and 1-1/2" standoff
- 8" standoffs