

Table for Restrictor selection, Burner 30 Direct Vent 4x6"

Key: Symbol (x) is not allowed. (#) = restrictor width. R=0 means no restrictor is needed.

If the length (vertical or horizontal) is not in the table, please consult with ORTAL before proceeding. Space Creator models do not require restrictors. For special venting systems please contact ORTAL USA for more information.

Burner 30 – Series 40

Metric Scale, V (vertical) and H (horizontal) shown in meters and restrictor width size in mm.

V															
9	50	40	40	30	30	x	x	x	x	x	x	x	x		
8	50	40	40	30	30	30	30	30	x	x	x	x			
7	50	50	40	40	30	30	30	30	x	x	x	x			
6	50	50	40	40	30	30	30	30	x	x	x	x			
5	50	50	40	40	30	30	30	30	30	x	x	x			
4	50	50	40	40	40	30	30	30	30	x	x	x			
3	50	50	50	40	40	30	30	30	30	x	x	x			
2	50	50	50	40	40	30	30	30	30	x	x	x			
1	50	50	50	40	40	30	30	30	x	x	x	x			
0.5	x	x	x	x	x	x	x	x	x	x	x	x			
	0	1	2	3	4	5	6	7	8	9	10	11			H

Burner 30 – Series 40

Imperial Scale, V (vertical) and H (horizontal) shown in feet and restrictor width size in inches.

V															
27	1.97	1.57	1.57	1.18	1.18	x	x	x	x	x	x	x	x		
24	1.97	1.57	1.57	1.18	1.18	1.18	1.18	1.18	x	x	x	x			
21	1.97	1.97	1.57	1.57	1.18	1.18	1.18	1.18	x	x	x	x			
18	1.97	1.97	1.57	1.57	1.18	1.18	1.18	1.18	x	x	x	x			
15	1.97	1.97	1.57	1.57	1.18	1.18	1.18	1.18	1.18	x	x	x			
12	1.97	1.97	1.57	1.57	1.57	1.18	1.18	1.18	1.18	x	x	x			
9	1.97	1.97	1.97	1.57	1.57	1.18	1.18	1.18	1.18	x	x	x			
6	1.97	1.97	1.97	1.57	1.57	1.18	1.18	1.18	1.18	x	x	x			
3	1.97	1.97	1.97	1.57	1.57	1.18	1.18	1.18	x	x	x	x			
1.5	x	x	x	x	x	x	x	x	x	x	x	x			
	0	3	6	9	12	15	18	21	24	27	30	33			H

Use only the correct size vent, 4" inner and 6" outer diameter. The approved vent system components, by DuraVent, are labeled for identification. Do NOT use any other manufacturer's vent components with these appliances. Please follow DuraVent vent system installation.

WARNING: Fire hazard is an extreme risk if these clearances (air space) to combustible materials are not adhered to. It is of the greatest importance that the fireplace and vent system are installed in accordance with these instructions.

Note, Series 40-170:

- Minimum 3' vertical run required before any 90-degree bends.
- 45 degree offset is allowed for maximum 3'. This must be followed by 3' vertical run before offset, 90-degree bend or termination.

Table for Restrictor selection, Burner 45 Direct Vent 4x6"

Key: Symbol (x) is not allowed. (#) = restrictor width. R=0 means no restrictor is needed.

If the length (vertical or horizontal) is not in the table, please consult with ORTAL before proceeding. Space Creator models do not require restrictors. For special venting systems please contact ORTAL USA for more information.

Burner 45 – Series 75

Metric Scale, V (vertical) and H (horizontal) shown in meters and restrictor width size in mm.

V														
9	50	40	40	30	30	x	x	x	x	x	x	x		
8	50	40	40	30	30	30	x	x	x	x	x	x		
7	50	50	40	40	30	30	30	x	x	x	x	x		
6	50	50	40	40	30	30	30	30	x	x	x	x		
5	50	50	40	40	30	30	30	30	30	x	x	x		
4	50	50	40	40	40	30	30	30	30	x	x	x		
3	50	50	50	40	40	30	30	30	30	x	x	x		
2	50	50	50	40	40	30	30	30	30	x	x	x		
1	50	50	50	40	40	30	30	30	x	x	x	x		
0.5	x	x	x	x	x	x	x	x	x	x	x	x		H
	0	1	2	3	4	5	6	7	8	9	10	11		

Burner 45 – Series 75

Imperial Scale, V (vertical) and H (horizontal) shown in feet and restrictor width size in inches.

V														
27	1.97	1.57	1.57	1.18	1.18	x	x	x	x	x	x	x		
24	1.97	1.57	1.57	1.18	1.18	1.18	x	x	x	x	x	x		
21	1.97	1.97	1.57	1.57	1.18	1.18	1.18	x	x	x	x	x		
18	1.97	1.97	1.57	1.57	1.18	1.18	1.18	1.18	x	x	x	x		
15	1.97	1.97	1.57	1.57	1.18	1.18	1.18	1.18	1.18	x	x	x		
12	1.97	1.97	1.57	1.57	1.57	1.18	1.18	1.18	1.18	x	x	x		
9	1.97	1.97	1.97	1.57	1.57	1.18	1.18	1.18	1.18	x	x	x		
6	1.97	1.97	1.97	1.57	1.57	1.18	1.18	1.18	1.18	x	x	x		
3	1.97	1.97	1.97	1.57	1.57	1.18	1.18	1.18	x	x	x	x		
1.5	x	x	x	x	x	x	x	x	x	x	x	x		H
	0	3	6	9	12	15	18	21	24	27	30	33		

Use only the correct size vent, 4" inner and 6" outer diameter. The approved vent system components, by DuraVent, are labelled for identification. Do NOT use any other manufacturer's vent components with these appliances.

WARNING: Fire hazard is an extreme risk if these clearances (air space) to combustible materials are not adhered to. It is of the greatest importance that the fireplace and vent system are installed in accordance with these instructions.

Note, Series 40-170:

- Minimum 3' vertical run required before any 90-degree bends.
- 45 degree offset is allowed for maximum 3'. This must be followed by 3' vertical run before offset, 90-degree bend or termination.

Table for Restrictor selection, Burner 100 Direct Vent 5x8"

Key: Symbol (x) is not allowed. (#) = restrictor width. R=0 means no restrictor is needed.

If the length (vertical or horizontal) is not in the table, please consult with ORTAL before proceeding. Space Creator models do not require restrictors. For special venting systems please contact ORTAL USA for more information.

Burner 100 – Series 110/130
Metric Scale, V (vertical) and H (horizontal) shown in meters and restrictor width size in mm.

V														
9	50	40	40	30	30	x	x	x	x	x	x	x	x	
8	50	40	40	30	30	x	x	x	x	x	x	x	x	
7	50	50	40	40	30	30	x	x	x	x	x	x	x	
6	50	50	50	40	40	30	30	30	x	x	x	x	x	
5	50	50	50	40	40	30	30	30	x	x	x	x	x	
4	50	50	50	40	40	30	30	30	x	x	x	x	x	
3	50	50	50	40	40	40	30	30	x	x	x	x	x	
2	50	50	50	40	40	30	30	30	x	x	x	x	x	
1	50	50	50	40	30	30	x	x	x	x	x	x	x	
0.5	x	x	x	x	x	x	x	x	x	x	x	x	x	H
	0	1	2	3	4	5	6	7	8	9	10	11		

Burner 100 – Series 110/130
Imperial Scale, V (vertical) and H (horizontal) shown in feet and restrictor width size in inches.

V														
27	1.97	1.57	1.57	1.18	1.18	x	x	x	x	x	x	x	x	
24	1.97	1.57	1.57	1.18	1.18	x	x	x	x	x	x	x	x	
21	1.97	1.97	1.57	1.57	1.18	1.18	x	x	x	x	x	x	x	
18	1.97	1.97	1.97	1.57	1.57	1.18	1.18	x	x	x	x	x	x	
15	1.97	1.97	1.97	1.57	1.57	1.18	1.18	1.18	x	x	x	x	x	
12	1.97	1.97	1.97	1.57	1.57	1.18	1.18	1.18	x	x	x	x	x	
9	1.97	1.97	1.97	1.57	1.57	1.57	1.18	1.18	x	x	x	x	x	
6	1.97	1.97	1.97	1.57	1.57	1.18	1.18	1.18	x	x	x	x	x	
3	1.97	1.97	1.97	1.57	1.18	x	x	x	x	x	x	x	x	
1.5	x	x	x	x	x	x	x	x	x	x	x	x	x	H
	0	3	6	9	12	15	18	21	24	27	30	33		

Use only the correct size vent, 5" inner and 8" outer diameter. The approved vent system components, by DuraVent, are labeled for identification. Do NOT use any other manufacturer's vent components with these appliances. Please follow DuraVent vent system installation.

WARNING: Fire hazard is an extreme risk if these clearances (air space) to combustible materials are not adhered to. It is of the greatest importance that the fireplace and vent system are installed in accordance with these instructions.

Note, Series 40-170:

- Minimum 3' vertical run required before any 90-degree bends.
- 45 degree offset is allowed for maximum 3'. This must be followed by 3' vertical run before offset, 90-degree bend or termination.

Table for Restrictor selection, Burner 135 Direct Vent 5x8"

Key: Symbol (x) is not allowed. (#) = restrictor width. R=0 means no restrictor is needed.

If the length (vertical or horizontal) is not in the table, please consult with ORTAL before proceeding. Space Creator models do not require restrictors. For special venting systems please contact ORTAL USA for more information.

Burner 135 – Series 150/170

Metric Scale, V (vertical) and H (horizontal) shown in meters and restrictor width size in mm.

V														
9	50	40	40	30	30	30	x	x	x	x	x	x		
8	50	40	40	30	30	30	x	x	x	x	x	x		
7	50	40	40	30	30	30	x	x	x	x	x	x		
6	50	40	40	40	30	30	x	x	x	x	x	x		
5	70	50	40	40	40	30	x	x	x	x	x	x		
4	70	50	40	40	30	30	x	x	x	x	x	x		
3	70	50	40	40	30	30	x	x	x	x	x	x		
2	70	50	50	40	30	30	x	x	x	x	x	x		
1	50	50	50	40	30	30	x	x	x	x	x	x		
0.5	x	x	x	x	x	x	x	x	x	x	x	x		H
	0	1	2	3	4	5	6	7	8	9	10	11		

Burner 135 – Series 150/170

Imperial Scale, V (vertical) and H (horizontal) shown in feet and restrictor width size in inches.

V														
27	1.97	1.57	1.57	1.18	1.18	1.18	x	x	x	x	x	x		
24	1.97	1.57	1.57	1.18	1.18	1.18	x	x	x	x	x	x		
21	1.97	1.57	1.57	1.18	1.18	1.18	1.18	x	x	x	x	x		
18	1.97	1.57	1.57	1.57	1.18	1.18	1.18	x	x	x	x	x		
15	2.76	1.97	1.57	1.57	1.57	1.18	1.18	x	x	x	x	x		
12	2.76	1.97	1.57	1.57	1.57	1.18	1.18	x	x	x	x	x		
9	2.76	1.97	1.57	1.57	1.57	1.18	1.18	x	x	x	x	x		
6	2.76	1.97	1.97	1.57	1.57	1.18	1.18	x	x	x	x	x		
3	1.97	1.97	1.97	1.57	1.57	1.18	1.18	x	x	x	x	x		
1.5	x	x	x	x	x	x	x	x	x	x	x	x		H
	0	3	6	9	12	15	18	21	24	27	30	33		

Use only the correct size vent, 5" inner and 8" outer diameter. The approved vent system components, by DuraVent, are labelled for identification. Do NOT use any other manufacturer's vent components with these appliances. Please follow DuraVent vent system installation.

WARNING: Fire hazard is an extreme risk if these clearances (air space) to combustible materials are not adhered to. It is of the greatest importance that the fireplace and vent system are installed in accordance with these instructions.

Note, Series 40-170:

- Minimum 3' vertical run required before any 90-degree bends.
- 45 degree offset is allowed for maximum 3'. This must be followed by 3' vertical run before offset, 90-degree bend or termination.

Table for Restrictor selection, Burner 160 Direct Vent 5x8"

Key: Symbol (x) is not allowed. (#) = restrictor width. R=0 means no restrictor is needed.

If the length (vertical or horizontal) is not in the table, please consult with ORTAL before proceeding. Space Creator models do not require restrictors. For special venting systems please contact ORTAL USA for more information.

Burner 160 – Series 200

Metric Scale, V (vertical) and H (horizontal) shown in meters and restrictor width size in mm.

V														
9	50	40	40	30	30	x	x	x	x	x	x	x	x	
8	50	40	40	30	30	x	x	x	x	x	x	x	x	
7	50	50	40	30	30	x	x	x	x	x	x	x	x	
6	50	50	40	30	30	x	x	x	x	x	x	x	x	
5	50	50	40	30	30	x	x	x	x	x	x	x	x	
4	50	50	40	30	30	x	x	x	x	x	x	x	x	
3	50	50	40	30	30	x	x	x	x	x	x	x	x	
2	50	50	40	30	x	x	x	x	x	x	x	x	x	
1	x	x	x	x	x	x	x	x	x	x	x	x	x	
0.5	x	x	x	x	x	x	x	x	x	x	x	x	x	H
	0	1	2	3	4	5	6	7	8	9	10	11		

Burner 160 – Series 200

Imperial Scale, V (vertical) and H (horizontal) shown in feet and restrictor width size in inches.

V														
27	1.97	1.57	1.57	1.18	1.18	x	x	x	x	x	x	x	x	
24	1.97	1.57	1.57	1.18	1.18	x	x	x	x	x	x	x	x	
21	1.97	1.97	1.57	1.18	1.18	x	x	x	x	x	x	x	x	
18	1.97	1.97	1.57	1.18	1.18	x	x	x	x	x	x	x	x	
15	1.97	1.97	1.57	1.18	1.18	x	x	x	x	x	x	x	x	
12	1.97	1.97	1.57	1.18	1.18	x	x	x	x	x	x	x	x	
9	1.97	1.97	1.57	1.18	1.18	x	x	x	x	x	x	x	x	
6	1.97	1.57	1.57	1.18	x	x	x	x	x	x	x	x	x	
3	x	x	x	x	x	x	x	x	x	x	x	x	x	
1.5	x	x	x	x	x	x	x	x	x	x	x	x	x	H
	0	3	6	9	12	15	18	21	24	27	30	33		

Use only the correct size vent, 5" inner and 8" outer diameter. The approved vent system components, by DuraVent, are labelled for identification. Do NOT use any other manufacturer's vent components with these appliances. Please follow DuraVent vent system installation.

WARNING: Fire hazard is an extreme risk if these clearances (air space) to combustible materials are not adhered to. It is of the greatest importance that the fireplace and vent system are installed in accordance with these instructions.

Note, Series 200:

- Minimum vertical run
- Minimum 6' vertical run required before any 90-degree bends. 45 degree offset is allowed for maximum 3'. This must be followed by 4 or 6' (see previous note) vertical run before offset, 90-degree bend or termination.