

## Vent Tables

Venting Specifications for:

40 Gallon  
50 Gallon

2" Diameter (5.1 cm) PVC Vent Connector Lengths			
Terminating	# of Elbows	Maximum Straight Length ft (m)	Minimum Straight Length ft (m)
Through the Wall	1	45 (13.7)	2 (.6)
Through the Wall	2	40 (12.2)	2 (.6)
Through the Wall	3	35 (10.7)	2 (.6)
Through the Wall	4	30 (9.2)	2 (.6)
Through the Roof	0	50 (15.2)	7 (2.1)
Through the Roof	1	45 (13.7)	7 (2.1)
Through the Roof	2	40 (12.2)	7 (2.1)
Through the Roof	3	35 (10.7)	7 (2.1)
Through the Roof	4	30 (9.2)	7 (2.1)

3" Diameter (7.6 cm) PVC Vent Connector Lengths			
Terminating	# of Elbows	Maximum Straight Length ft (m)	Minimum Straight Length ft (m)
Through the Wall	1	115 (35.0)	10 (3.1)
Through the Wall	2	110 (33.5)	10 (3.1)
Through the Wall	3	105 (32.0)	10 (3.1)
Through the Wall	4	100 (30.5)	10 (3.1)
Through the Wall	5	95 (29.0)	10 (3.1)
Through the Roof	0	120 (36.6)	15 (4.6)
Through the Roof	1	115 (35.0)	15 (4.6)
Through the Roof	2	110 (33.5)	15 (4.6)
Through the Roof	3	105 (32.0)	15 (4.6)
Through the Roof	4	100 (30.5)	18 (5.5)

## Vent Tables

Venting Specifications for:

48 Gallon  
65 Gallon

3" Diameter (7.6 cm) PVC Vent Connector Lengths			
Terminating	# of Elbows	Maximum Straight Length ft (m)	Minimum Straight Length ft (m)
Through the Wall	1	55 (16.8)	2 (.6)
Through the Wall	2	50 (15.2)	2 (.6)
Through the Wall	3	45 (13.7)	2 (.6)
Through the Wall	4	40 (12.2)	2 (.6)
Through the Roof	0	60 (18.3)	7 (2.1)
Through the Roof	1	55 (16.8)	7 (2.1)
Through the Roof	2	50 (15.2)	7 (2.1)
Through the Roof	3	45 (13.7)	7 (2.1)

4" Diameter (10.2 cm) PVC Vent Connector Lengths			
Terminating	# of Elbows	Maximum Straight Length ft (m)	Minimum Straight Length ft (m)
Through the Wall	1	85 (25.9)	10 (3.1)
Through the Wall	2	80 (24.4)	10 (3.1)
Through the Wall	3	75 (22.9)	10 (3.1)
Through the Wall	4	70 (21.3)	10 (3.1)
Through the Wall	5	65 (19.8)	12 (3.6)
Through the Roof	0	90 (27.4)	15 (4.6)
Through the Roof	1	85 (25.9)	15 (4.6)
Through the Roof	2	80 (24.4)	15 (4.6)
Through the Roof	3	75 (22.9)	15 (4.6)
Through the Roof	4	70 (21.3)	15 (4.6)

# Tankless vent lengths and specs

## **Maximum Vent Length (intake/outlet):**

<b>Number of 90° Elbows</b>	<b>Maximum Length of 2" Straight Pipe</b>	<b>Maximum Length of 3" Straight Pipe</b>
<b>1</b>	<b>5.0 ft. (1.5 m)</b>	<b>38.0 ft. (11.6 m)</b>
<b>2</b>	<b>3.5 ft. (1.0 m)</b>	<b>36.5 ft. (11.1 m)</b>
<b>3</b>	<b>2.0 ft. (0.6 m)</b>	<b>35.0 ft. (10.6 m)</b>
<b>4</b>	<b>Not available</b>	<b>33.5 ft. (10.2 m)</b>
<b>5</b>	<b>Not available</b>	<b>32.0 ft. (9.8 m)</b>
<b>6</b>	<b>Not available</b>	<b>30.5 ft. (9.3 m)</b>