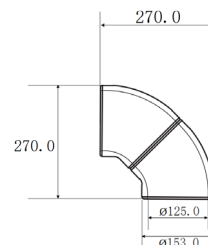
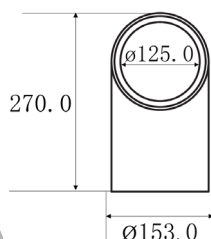


PRODUCT DATASHEET

QV-TH-125-90-B

125mm Thermal 90 Degree Bend (Fire Retardant)



Product Overview

The Q-V Thermal 90° Bend is a fire-retardant ducting component designed to deliver smooth directional airflow transitions while maintaining airtightness, thermal insulation, and fire safety. Available in 125mm, 150mm, and 200mm internal diameters, it ensures efficient system design in MVHR, industrial ventilation, and insulated ductwork applications.

Manufactured from Expanded Polypropylene (EPP), the bend offers exceptional toughness, resilience, and impact resistance, recovering easily from repeated impacts. The material is flame-retardant to GB8624 Class B1 and under testing for EN 13501-1 Class B, providing long-lasting durability alongside enhanced fire protection.

For added flexibility, the bend can be cut in half to create a 45° bend, giving installers greater adaptability when configuring duct runs.

Engineered for quick-fit installation and reliable performance, the Q-V Thermal 90° Bend combines robust construction with energy efficiency, making it an essential fitting for modern air handling and thermal duct systems.

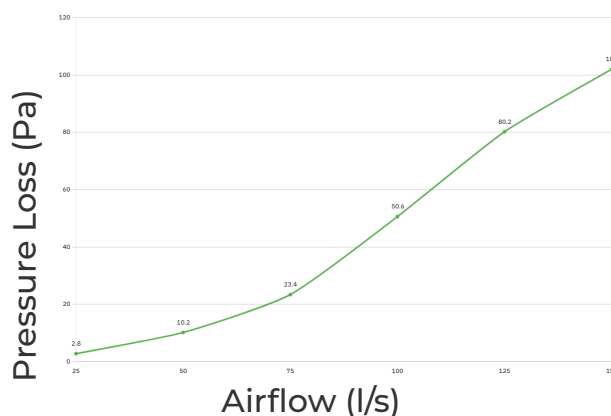
Technical Specification

Manufacturer	Quiet-Vent
Part Number	QV-TH-125-90-B
Size	125mm
For Use With	QV Thermal 125
Weight	500g
Min Operating Temp	-15 °C
Max Operating Temp	+60 °C
Colour	Grey
Thermal Resistance	0.666 m ² K/W
Thermal Conductivity	0.03 W/mk

Performance

Airflow	Resistance
25 l/s	2.80 pa
50 l/s	10.2 pa
75 l/s	23.4pa
100 l/s	50.6 pa
125 l/s	80.2 pa
150 l/s	102.00 pa

Performance Curve



Related Products

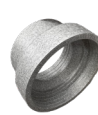
Thermal pipe
connector
QV-TH-150-CON



Thermal T piece
QV-TH-150-T



Thermal 200-
150mm Reducer
QV-TH-200-150-R



Thermal pipe x 1m
with connector
QV-TH-125-P-1M



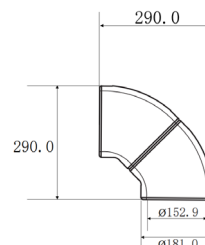
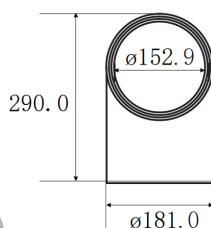
PRODUCT DATASHEET

QV-TH-150-90-B

150mm Thermal 90 Degree Bend (Fire Retardant)



Quiet-Vent
Home of Ventilation



Technical Specification

Manufacturer	Quiet-Vent
Part Number	QV-TH-150-90-B
Size	150mm
For Use With	QV Thermal 150mm
Weight	500g
Min Operating Temp	-15 °C
Max Operating Temp	+60 °C
Colour	Grey
Thermal Resistance	0.666 m ² K/W
Thermal Conductivity	0.03 W/mk

Product Overview

The Q-V Thermal 90° Bend is a fire-retardant ducting component designed to deliver smooth directional airflow transitions while maintaining airtightness, thermal insulation, and fire safety. Available in 125mm, 150mm, and 200mm internal diameters, it ensures efficient system design in MVHR, industrial ventilation, and insulated ductwork applications.

Manufactured from Expanded Polypropylene (EPP), the bend offers exceptional toughness, resilience, and impact resistance, recovering easily from repeated impacts. The material is flame-retardant to GB8624 Class B1 and under testing for EN 13501-1 Class B, providing long-lasting durability alongside enhanced fire protection.

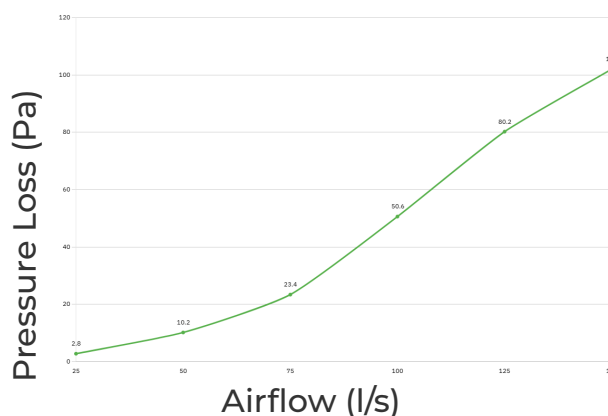
For added flexibility, the bend can be cut in half to create a 45° bend, giving installers greater adaptability when configuring duct runs.

Engineered for quick-fit installation and reliable performance, the Q-V Thermal 90° Bend combines robust construction with energy efficiency, making it an essential fitting for modern air handling and thermal duct systems.

Performance

Airflow	Resistance
25 l/s	2.80 pa
50 l/s	10.2 pa
75 l/s	23.4pa
100 l/s	50.6 pa
125 l/s	80.2 pa
150 l/s	102.00 pa

Performance Curve



Related Products

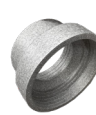
Thermal pipe
connector
QV-TH-150-CON



Thermal T piece
QV-TH-150-T



Thermal 200-
150mm Reducer
QV-TH-200-150-R



Thermal pipe x 1m
with connector
QV-TH-125-P-1M



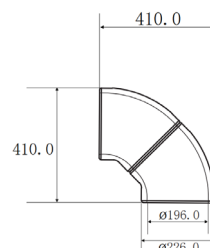
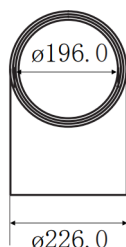
PRODUCT DATASHEET

QV-TH-200-90-B

200mm Thermal 90 Degree Bend (Fire Retardant)



Quiet-Vent
Home of Ventilation



Technical Specification

Manufacturer	Quiet-Vent
Part Number	QV-TH-200-90-B
Size	200mm
For Use With	QV Thermal 200mm
Weight	500g
Min Operating Temp	-15 °C
Max Operating Temp	+60 °C
Colour	Grey
Thermal Resistance	0.666 m ² K/W
Thermal Conductivity	0.03 W/mk

Product Overview

The Q-V Thermal 90° Bend is a fire-retardant ducting component designed to deliver smooth directional airflow transitions while maintaining airtightness, thermal insulation, and fire safety. Available in 125mm, 150mm, and 200mm internal diameters, it ensures efficient system design in MVHR, industrial ventilation, and insulated ductwork applications.

Manufactured from Expanded Polypropylene (EPP), the bend offers exceptional toughness, resilience, and impact resistance, recovering easily from repeated impacts. The material is flame-retardant to GB8624 Class B1 and under testing for EN 13501-1 Class B, providing long-lasting durability alongside enhanced fire protection.

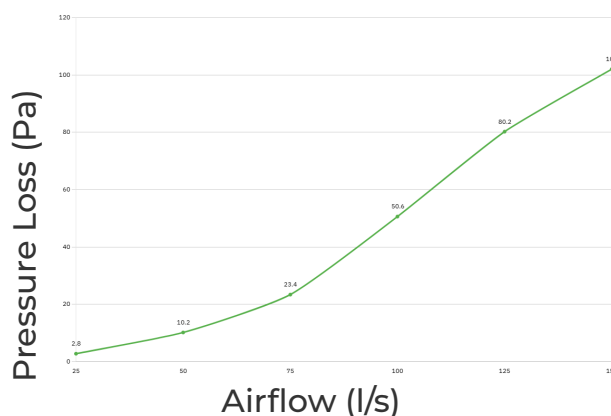
For added flexibility, the bend can be cut in half to create a 45° bend, giving installers greater adaptability when configuring duct runs.

Engineered for quick-fit installation and reliable performance, the Q-V Thermal 90° Bend combines robust construction with energy efficiency, making it an essential fitting for modern air handling and thermal duct systems.

Performance

Airflow	Resistance
25 l/s	2.80 pa
50 l/s	10.2 pa
75 l/s	23.4pa
100 l/s	50.6 pa
125 l/s	80.2 pa
150 l/s	102.00 pa

Performance Curve



Related Products

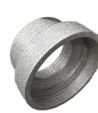
Thermal pipe
connector
QV-TH-150-CON



Thermal T piece
QV-TH-150-T



Thermal 200-
150mm Reducer
QV-TH-200-150-R



Thermal pipe x 1m
with connector
QV-TH-125-P-1M

