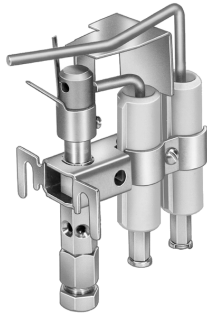


## Q179A,B Flame Rectifier Gas Pilots



**Type of Gas:** Natural

**Dimensions, Approximate:** 4 5/8 in. high x 1 11/16 in. wide x 3 in. deep (118 mm high x 43 mm wide x 76 mm deep)

**Aeration:** Primary

**Gas Consumption:** 2.0 cfh (0.06 m3/hr)

**Gas Fitting:** 1/4 in. compression coupling (6.4 mm compression coupling)

**Q179A,B Gas Pilot Burner Assemblies use the flame rectification principle to prove the flame. Q179A,B are used in conjunction with a suitable electronic flame safeguard control on industrial or commercial gas and gas pilot ignited oil burners.**

- Q179A is a gas pilot assembly with a flame electrode rod) and ignition electrode, making it suitable for applications requiring an interrupted or intermittent electrically ignited gas pilot burner.
- Q179B has only the flame electrode and is suitable for use in continuous pilot applications.
- Primary aerated type burner is equipped with stainless steel fins that provide the proper flame rod area to ground area ratio for maximum flame signal and flame stabilization.
- Stainless steel electrode(s) are mounted in ceramic insulators, which permit electrode adjustment.
- Rajah connectors facilitate disconnecting(A1126 has terminal screws).
- Bracket permits side or end mounting.

**Used With:** Q624 or other suitable ignition transformer.

**Approvals:**

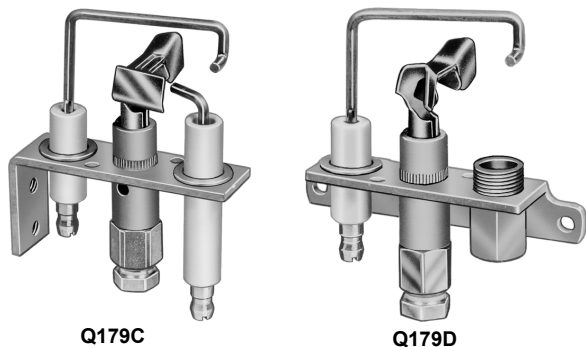
**Canadian Standards Association:** Certified: File No. LR1620, Guide No. 140-A-2

**Underwriters Laboratories Inc.** Listed: File No. MP268, Guide No. MCCZ

Product Number	Application	Port and Burner Tip Style	Orifice	Description	Includes
Q179A1001	For Intermittent or Interrupted Ignition	I	0.025 in. dia. (0.635 mm dia.)	Flame Rectifier Pilot with a 0.025 in. dia. Orifice and I tip style	Flame electrode and ignition electrode
Q179A1035	For Intermittent or Interrupted Ignition	45 degree right hand	0.025 in. dia. (0.635 mm dia.)	Flame Rectifier Pilot with a 0.025 in. dia. Orifice and 45 degree right hand port and tip style	Flame electrode and ignition electrode
Q179A1050	For Intermittent or Interrupted Ignition	T	0.028 in. dia. (0.711 mm dia.)	Flame Rectifier Pilot with a 0.028 in. dia. Orifice and T tip style	Flame electrode and ignition electrode
Q179A1076	For Intermittent or Interrupted Ignition	45 degree Y	0.028 in. dia. (0.711 mm dia.)	Flame Rectifier Pilot with a 0.028 in. dia. Orifice and 45 degree Y port and tip style	Flame electrode and ignition electrode
Q179A1092	For Intermittent or Interrupted Ignition	45 degree T	0.028 in. dia. (0.711 mm dia.)	Flame Rectifier Pilot with a 0.028 in. dia. Orifice and 45 degree T port and tip style	Flame electrode and ignition electrode
Q179A1118	For Intermittent or Interrupted Ignition	45 degree left hand	0.025 in. dia. (0.635 mm dia.)	Flame Rectifier Pilot with a 0.025 in. dia. Orifice and 45 degree left hand port and tip style	Flame electrode and ignition electrode
Q179A1126	For Intermittent or Interrupted Ignition	I	0.025 in. dia. (0.635 mm dia.)	Flame Rectifier Pilot with a 0.025 in. dia. Orifice and I tip style	Flame electrode and ignition electrode with screw terminal connections
Q179A1183	For Intermittent or Interrupted Ignition	I	0.025 in. dia. (0.635 mm dia.)	Flame Rectifier Pilot with a 0.025 in. dia. Orifice and I tip style	Ignition electrode only
Q179B1042	For Continuous (Standing) pilot	T	0.025 in. dia. (0.635 mm dia.)	Flame Rectifier Pilot with a 0.025 in. dia. Orifice and T tip style	Flame electrode
Q179B1109	For Continuous (Standing) pilot	45 degree left hand	0.025 in. dia. (0.635 mm dia.)	Flame Rectifier Pilot with a 0.025 in. dia. Orifice and 45 degree left hand port and tip style	Flame electrode
Q179B1117	For Continuous (Standing) pilot	45 degree I	0.025 in. dia. (0.635 mm dia.)	Flame Rectifier Pilot with a 0.025 in. dia. Orifice and 45 degree I port and tip style	Flame electrode

# Pilot Burners

## Q179C,D Miniature Rectifier Pilots



Q179C

Q179D

**Q179A, B Gas Pilot Burner Assemblies use the flame rectification principle to prove the flame. Q179A, B are used in conjunction with a suitable electronic flame safeguard control on industrial or commercial gas and gas pilot ignited oil burners.**

- Q179A is a gas pilot assembly with a flame electrode rod and ignition electrode, making it suitable for applications requiring an interrupted or intermittent electrically ignited gas pilot burner.
- Q179B has only the flame electrode and is suitable for use in continuous pilot applications.
- Primary aerated type burner is equipped with stainless steel fins that provide the proper flame rod area to ground area ratio for maximum flame signal and flame stabilization.
- Stainless steel electrode(s) are mounted in ceramic insulators, which permit electrode adjustment.
- Rajah connectors facilitate disconnecting (A1126 has terminal screws).
- Bracket permits side or end mounting.

**Type of Gas:** Natural

**Dimensions, Approximate:** 3 1/8 in. high x 2 7/16 in. wide x 1 in. deep  
(79 mm high x 62 mm wide x 25 mm deep)

**Aeration:** Primary

**Gas Fitting:** 1/4 in. compression coupling  
(6.4 mm compression coupling)

**Approvals:**

**Canadian Standards Association:** Certified: Master Report  
LR95329-1

**Underwriters Laboratories Inc.** Component Recognized: File No.  
MH9928, Guide No. MCUR2

Product Number	Application	Mounting Bracket	Port and Burner Tip Style	Target Mount	Orifice	Includes	Used With
Q179C1009	For Intermittent or Interrupted Ignition	rear	D	Dual Wing-Rear	0.026 in. dia. (0.66 mm dia.)	Flame electrode and ignition electrode	Q624 or other suitable ignition transformer.
Q179C1025	For Intermittent or Interrupted Ignition	rear	L	Single Wing-Rear	0.024 in. dia. (0.60 mm dia.)	Flame electrode and ignition electrode	Q624 or other suitable ignition transformer.
Q179C1033	For Intermittent or Interrupted Ignition	left side	D	Dual Wing-Left Side	0.026 in. dia. (0.66 mm dia.)	Flame electrode and ignition electrode	Q624 or other suitable ignition transformer.
Q179C1041	For Intermittent or Interrupted Ignition	right side	D	Dual Wing-Right Side	0.026 in. dia. (0.66 mm dia.)	Flame electrode and ignition electrode	Q624 or other suitable ignition transformer.
Q179C1058	For Intermittent or Interrupted Ignition	left side	L	Single Wing-Left Side	0.024 in. dia. (0.60 mm dia.)	Flame electrode and ignition electrode	Q624 or other suitable ignition transformer.
Q179C1066	For Intermittent or Interrupted Ignition	right side	K	Single Wing-Right Side	0.024 in. dia. (0.60 mm dia.)	Flame electrode and ignition electrode	Q624 or other suitable ignition transformer.
Q179C1090	For Intermittent or Interrupted Ignition	rear	D	Dual Wing-Rear	0.016 in. dia. (0.40 mm dia.)	Flame electrode and ignition electrode	Q624 or other suitable ignition transformer.
Q179C1108	For Intermittent or Interrupted Ignition	rear	D	Dual Wing-Rear	0.026 in. dia. (0.66 mm dia.)	Flame electrode and ignition electrode	Q624 or other suitable ignition transformer.
Q179D1008	For Continuous (Standing) Pilot	rear	D	Dual Wing-Rear	0.026 in. dia. (0.66 mm dia.)	Flame electrode and thermocouple adapter	Q340 Thermocouple or Q313A Thermopile Generator.
Q179D1016	For Continuous (Standing) Pilot	left side	D	Dual Wing-Left Side	0.026 in. dia. (0.66 mm dia.)	Flame electrode and thermocouple adapter	Q340 Thermocouple or Q313A Thermopile Generator.
Q179D1024	For Continuous (Standing) Pilot	right side	D	Dual Wing-Right Side	0.026 in. dia. (0.66 mm dia.)	Flame electrode and thermocouple adapter	Q340 Thermocouple or Q313A Thermopile Generator.
Q179D1057	For Continuous (Standing) Pilot	left side	L	Single Wing-Left Side	0.024 in. dia. (0.60 mm dia.)	Flame electrode and thermocouple adapter	Q340 Thermocouple or Q313A Thermopile Generator.
Q179D1925	For Continuous (Standing) Pilot	rear	D	Dual Wing-Rear	0.016 in. dia. (0.40 mm dia.)	Flame electrode and thermocouple adapter	Q340 Thermocouple or Q313A Thermopile Generator.