

Photo	Features	Part Number	1000 Ohm Nickel @ 70°F	1000 Ohm Nickel @ 32°F	1000 Ohm Platinum (E85)	1000 Ohm Platinum (E75)	10K Ohm NTC Thermistor Type II	10K NTC for IECs	0-10V	0-5V	4-20mA	Switching/Contact Closure	Digitally Communicating	Connection Type	PP = Point to Point	FB = Termination Block	2 x 4 Utility Box Enclosure	Plastic Housing ¹	Primary Measurement Output Accuracy	Primary Measurement Output Range	Specification Sheet	Installation Instructions
Room Temperature Sensors																						
	Sensing Only Wall Mounted	540-660B/540-661B												TB					0.75°F (0.4°C)	55 to 95°F (13 to 35°C)	149-312	540-742
	Sensing Only Wall Mounted	QAA2355.EWNN ¹												TB					1.8°F (±1.0°C)	Selectable	149-710	129-482
		QAA2330.EWNN ¹												TB					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-710	129-482
		QAA2332.EWNN ¹												TB					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-710	129-482
		QAA2320.EWNN ¹												TB					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-710	129-482
		QAA2321.EWNN ¹												TB					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-710	129-482
	Sensing with Display, Setpoint, and Override	540-670B/540-671B												RJ-11					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-312	540-742
	Sensing with Bi-Metallic Display	QAA2312.DWTC ¹ (LED)												TB					0.9°F (0.5°C)	55 to 95°F (13 to 35°C)	149-710	129-482
		QAA2330.BWNN ¹												TB					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-710	129-482
		QAA2332.BWNN ¹												TB					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-710	129-482
		QAA2320.BWNN ¹												TB					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-710	129-482
		QAA2321.BWNN ¹												TB					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-710	129-482
	Sensing with Display, Setpoint, and Override	540-680FB ⁹												RJ-11					1.8°F (±1.0°C)	55 to 95°F (13 to 35°C)	149-312	540-742
	Sensing with Display, Setpoint, and Override	QAA2355.FWNN ¹												TB					1.8°F (±1.0°C)	Selectable	149-710	129-482
		QAA2312.FWNN ¹												TB					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-710	129-482
		QAA2330.FWNN ¹												TB					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-710	129-482
		QAA2332.FWNN ¹												TB					0.9°F (0.5°C)	55 to 95°F (13 to 35°C)	149-710	129-482
		QAA2320.FWNN ¹												TB					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-710	129-482
		QAA2321.FWNN ¹												TB					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-710	129-482
Flush Mount Room Temperature Sensors																						
	Plastic Housing	536-994B												Leads					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-956	538-048
		540-520B												RJ-11					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-956	538-043
		544-374B												Leads					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-956	538-048
	Metal Housing	540-984												Leads					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-956	129-390
		540-995												RJ-11					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-956	129-500
		544-973												Leads					0.5°F (0.3°C)	55 to 95°F (13 to 35°C)	149-956	129-390
	Stainless Steel Button	QAA1011.AASU												Leads					0.54°F (±0.3°C) at Cal. Pt.	-40 to 157°F (-40 to 125°C)	149-971	129-501
		QAA1031.AASU												RJ-11					0.54°F (±0.3°C) at Cal. Pt.	55 to 95°F (13 to 35°C)	149-971	129-501
	Stainless Steel Button with Wallplate	QAA1011.AATU												Leads					0.54°F (±0.3°C) at Cal. Pt.	-40 to 157°F (-40 to 125°C)	149-971	129-501
		QAA1031.AATU												RJ-11					0.54°F (±0.3°C) at Cal. Pt.	55 to 95°F (13 to 35°C)	149-971	129-501
Room Humidistats																						
	Room Humidistat	QFA1000 ⁹												TB					5%	Setpoint: 30 to 90% rh	155-708	129-604
		QFA1001 ¹												TB					5%	Setpoint: 30 to 90% rh	155-708	129-604
Room Relative Humidity and Temperature Sensors																						
	Relative Humidity and Temperature with ±2% Accuracy	QFA3355.EWNN ¹												TB					2%	0 to 100% rh	149-103	129-109
		QFA3312.EWNN ¹												TB					2%	0 to 100% rh	149-103	129-109
	Relative Humidity and Temperature with ±2% Accuracy, Setpoint, and Occupancy Override	QFA3355.FWNN ¹												TB					2%	0 to 100% rh	149-103	129-109
		QFA3312.FWNN ¹												TB					2%	0 to 100% rh	149-103	129-109
		QFA3330.FWNN ¹												TB					2%	0 to 100% rh	149-103	129-109
		QFA3332.FWNN ¹												TB					2%	0 to 100% rh	149-103	129-109
Room Carbon Dioxide Sensors																						
	CO ₂ Sensing	QPA2000N												TB					±50 ppm +2% of Measured Value	0 to 2000 ppm	149-910	129-435
	CO ₂ and VOC Sensing Order D Suffix for Display	QPA2002N/QPA2002D ¹												TB					CO ₂ : ±50 ppm +5% of Measured Value	0 to 2000 ppm	149-910	129-435
	CO ₂ and Temp Sensing Order D Suffix for Display	QPA2060N/QPA2060D ¹												TB					CO ₂ : ±50 ppm +5% of Measured Value	0 to 2000 ppm	149-910	129-435
	CO ₂ , Temp and rh with ±5% Accuracy Order D Suffix for Display	QPA2062 ¹ /QPA2062D ¹												TB					CO ₂ : ±50 ppm +2% of Measured Value	0 to 2000 ppm	149-910	129-435
	VOC Only	QPA1000N												TB					CO ₂ : ±50 ppm +2% of Measured Value	0 to 2000 ppm	129-609	149-601
	CO ₂ , Temp (Passive) Order D Suffix for Display	QPA2080 ¹ /QPA2080D ¹												TB					CO ₂ : ±50 ppm +2% of Measured Value	0 to 2000 ppm	129-609	149-601
Duct Point Temperature Sensors																						
	Available with 8", 24", 36" and 48" Lengths	533-376-XX												Leads					See spec sheet	20 to 120°F (-7 to 49°C)	149-263P25	129-510
	Replace XX with Length to Order Ex: 533-376-4	533-377-XX												Leads					See spec sheet	30 to 250°F (-1 to 121°C)	149-263P25	129-510
		544-339-XX												Leads					See spec sheet	-40 to 240°F (-40 to 116°C)	149-261P25	129-511
		544-560-XX												Leads					See spec sheet	-4 to 122°F (-20 to 50°C)	149-263P25	129-510
	3" Probe For Commissioning Only 50 per pack	QAM1030.008P50												Leads					5°F (3°C)	-40 to 240°F (-40 to 116°C)	149-905	129-096
	Duct Point Sensors Use suffixes for ordering: .010 = 4", .020 = 8", .045 = 18" Ex: QAM2030.045	QAM2012.XXX												Leads					0.75°F (0.4°C)	-40 to 240°F (-40 to 116°C)	149-915	129-463
		QAM2030.XXX												Leads					1°F (0.5°C)	-40 to 248°F (-40 to 120°C)	149-915	129-463
Rigid Averaging Duct Sensors																						
	Available with 18", 24", 36" and 48" Lengths	535-490-XX												Leads					See spec sheet	20 to 120°F (-7 to 49°C)	149-263P25	129-515
	Replace XX with Length to Order Ex: 535-490-24	544-343-XX												Leads					See spec sheet	20 to 120°F (-7 to 49°C)	149-261P25	129-516
Flexible Averaging Duct Sensors																						
	Metal Housing Available with 8", 16" and 24" Lengths	533-380-XX												Leads					See spec sheet	20 to 120°F (-7 to 49°C)	149-263P25	129-512
	Replace XX with Length to Order Ex: 533-380-16	544-342-XX												Leads					See spec sheet	20 to 120°F (-7 to 49°C)	149-261P25	129-514
	Metal Housing Probes in 8" to 25"	QAM2012.XXX												Leads					0.75°F (0.4°C) at Mid-point	-40 to 240°F (-40 to 116°C)	149-916	129-495
	Use suffixes for ordering: .250 = 8", .500 = 16", .750 = 25" Ex: QAM2012.250	QAM2030.XXX												Leads					1°F (0.5°C) at Mid-point	-40 to 248°F (-40 to 120°C)	149-916	129-495
	Plastic Housing 6.5" Probe	QAM2112.200												TB					0.75°F (0.4°C)	-58 to 176°F (-50 to 80°C)	149-805	129-525
		QAM2112.040												TB					0.75°F (0.4°C)	-58 to 176°F (-50 to 80°C)	149-805	129-525
		QAM2130.040												TB					1°F (0.5°C)	-58 to 176°F (-50 to 80°C)	149-805	129-525
	Plastic Housing 16" Probe	QAM2161.040												TB					0.75°F (0.4°C)	Jumper Selectable: 32 to 122°F (0 to 50°C)	149-805	129-525
		QAM2171.040												TB					0.75°F (0.4°C)</			