

Catalog Number System

For illustrative purposes only.

T H QL 1 1 15						
GE Identification	Interrupting Rating	Type	Poles	Voltage	Ampere Rating	Insert for Specials
	H = 10kAIC HH = 22kAIC X = 65kAIC	QL = 1" Plug-in QP = ½" Plug-In QB = 1" Bolt-on		1 = 120/240Vac 2 = 240V Omit for THQP breakers (all 120/240Vac)		GF = 1 pole GFCI GF1 = 2-pole GFCI AF = AFCI

Circuit Breaker Selection Guide

Recommendations based on standard conditions. Installation must conform to all local and national codes.

Application					Selection	
Appliance	Average Watts	Volts	Amps	Wire Size	Recommended Circuit Breaker	
					½-inch	1-inch
Air Conditioner Up to 11,000 BTU Up to 23,000 BTU Up to 30,000 BTU	1200	120	20A	2#12	THQP120	THQL1120
	2400	240	20A	3#12	THQP220	THQL2120
	7200	240	30A	3#10	THQP230	THQL2130
Attic Fan Up to ½ HP Up to 1 HP		120	15A	2#14	THQP115	THQL1115
		120	20A	2#12	THQP120	THQL1120
Bathroom or Outdoor Receptacles	1400	120	15A	2#14	—	THQL1115GF
	1900	120	20A	2#12	—	THQL1120GF
Bedroom Receptacles (for maximum safety; required by 2002 NEC)	1400	120	15A	2#14	—	THQL1115AF
	1900	120	20A	2#12	—	THQL1120AF
Branch Circuits (Indoor Receptacles)	1400	120	15A	2#14	THQP115	THQL1115
	1900	120	20A	2#12	THQP120	THQL1120
Clothes Dryer	5000	240	30A	3#10	THQP230	THQL2130
Dishwasher	1800	120	20A	2#12	THQP120	THQL1120
Doorbell Transformer	500	120	15A	2#14	THQP115	THQL1115
Electric Heater	1650	120	20A	2#12	THQP120	THQL1120
Electric Range	10000	240	50A	3#6	THQP250	THQL2150
Electric Welder (240V; over 10' away)		240	50A	3#6	THQP250	THQL2150
Fixed Lighting	1200	120	15A	2#14	THQP115	THQL1115
Garbage Disposal	300	120	20A	2#14	THQP120	THQL1120
Hot Tub or Spa		240	40	2#8	—	THQL2140GF1
		240	50	2#8	—	THQL2150GF1
Hot Water Heater	4500	240	30A	2#10	THQP230	THQL2130
Motors (Single Phase) Up to ½ HP ½ to 1 HP 1 to 1 ½ HP 1 ½ to 3 HP		120	15A	2#14	THQP115	THQL1115
		120	20A	2#12	THQP120	THQL1120
		240	15A	2#14	THQP215	THQL2115
		240	30A	2#10	THQP230	THQL2130
Refrigerator or Freezer	350	120	15A	2#14	THQP115	THQL1115
Sump Pump Up to ½ HP ½ to 1 HP		120	15A	2#14	THQP115	THQL1115
		120	20A	2#12	THQP120	THQL1120
Washing Machine	1200	120	15A	2#14	THQP115	THQL1115
Well Pump Up to ½ HP ½ to 1 HP		120	20A	2#12	THQP120	THQL1120
		240	15A	2#14	THQP215	THQL2115
		120	30A	2#10	THQP130	THQL1130
		240	20A	2#12	THQP220	THQL2120
		240	20A	2#8	THQP240	THQL2140

Special Safety Circuit Protection Products

Included among GE's circuit protection products are several that add the extra measure of safety that is increasingly important to today's new home buyers and remodelers. See page 8 for details.

Safety Need	Safety Solution	Amp Rating
Ground fault protection for circuits supplying power to outdoor, bathroom, kitchen, garage and spa area receptacles.	GFCIs (ground fault circuit interrupters)	15-50
Maximum protection against fires through detection and interruption of arcing caused by damaged wire insulation or extension cords. The 2002 NEC will require this protection in bedroom circuits.	AFCIs (arc fault circuit interrupters)	15-20
Whole house protection of sensitive electronic equipment – computers, fax machines, televisions, stereos, VCRs – from electrical surges.	Surge arrester	NA