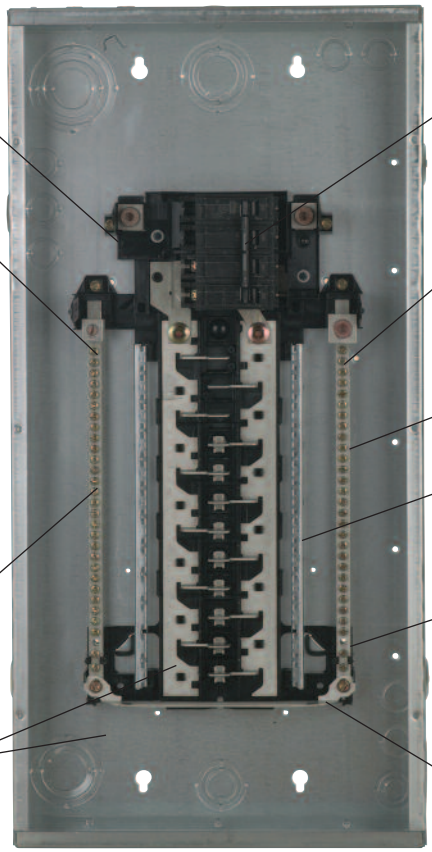
GE Load Centers

GE load centers deliver the highest quality and convenience.

GE load centers lower your costs by making installation faster and easier and by increasing application flexibility. At the same time, they deliver obvious and significant advances in design, function and quality.

- Exclusive GE limited lifetime warranty
- UL Listed (Panelboards No. 67)
- Suitable for Use as Service Entrance Equipment when installed in accordance with National Electrical Code
- 60°C/75°C conductor rating
- Single phase, 40-225A, 4-42 circuits
- Main lug models field convertible to main breaker
- Main breaker 22kAIC standard - factory installed
- All load centers top or bottom feed
- Indoor and outdoor rated enclosures
- Indoor fronts combination surface/flush
- Copper bus standard
- Split neutrals extend the full length of the interior for ease of wiring
- Main lug line converts easily to main breaker
- Combination surface/flush front with spring-reinforced pan
- Front packed in inner carton for added protection
- Field installable feed-through lugs up to 200A
- Straight-through main wiring
- Main breaker is clearly marked and circuit numbers are stamped on front
- Isolated ground bar is available
- Compact box maintains optimum wire-bending space



Accepts GE Q-Line branch breakers, including GE's exclusive 1/2" THQPs

Choose your load center from among the full range of products offered by GE.

Indoor load centers feature NEMA Type 1 enclosures and come with a main breaker or main lugs.

Outdoor load centers feature NEMA Type 3R rain-tight enclosures and come with a main breaker or main lugs.

Meter socket load centers accept electric meters and are always in outdoor enclosures.

All GE Load Centers are designed and built for fast installation and dependable performance.

- One-piece interior removes and re-installs easily.
- Full-length neutrals are easier to wire, reducing installation time and cost.
- Minimum 100% neutral terminations.
- Sturdy copper bus and galvanized box increase durability and reliability.
- Combination slotted/Robertson screws speed wiring.
- All holes are rated for 14-4 wire.
- 100% rated split neutrals on each side.
- Accept Q Line circuit breakers, including GE's exclusive 1/2" THQPs.

Catalog Number System

For illustrative purposes only.

T	M	42	20	C	CU	B

GE Identification	Type	Maximum Number of 1" Spaces	Bus Ampere Rating	Enclosure Type	Bus Type	Insert for Specials
T	**M** = Main Breaker	4 - 42	10 = 100A	**C** = Combination Flush	CU = Copper Bus	**G or T** = Factory Installed Ground Bar
	L = Main Lug		12 = 125A	and Surface, Indoor		
	LM = Convertible		15 = 150A	**F** = Flush		**B** = Bottom Feed Main Breaker
	PL = Main Lug, Thermoplastic Enclosure		20 = 200A	**S** = Surface		**FL** = Factory installed Feed-thru Lugs
			22 = 225A	**R** = Outdoor		
			40 = 40A			**D** = Optional door for 6-8 circuit indoor panels. (Doors are standard on all other units.)
			60 = 60A			
			70 = 70A			

Outdoor Load Centers

Type 3R Enclosure

- NEMA Type 3R enclosure
- UL Listed (Panelboards No. 67)
- 60°C/75°C conductor rating
- Suitable for use as service entrance equipment when installed in accordance with the National Electrical Code

Main Ampere Rating	Total 1-Pole Spaces / 1/2" Circuits	Main Lug & Convertible		Main Breaker		Equipment Ground Kit Cat. No.*	Box No.**
		Cat. No.	Main Wire Size	Cat. No.	Main Wire Size		
40	2/4	TL240RCUP	14-4	-	-	TGK4	R1A
70	2/4	TL270RCUP	6-3	-	-	TGK4	R1A
100	12/24	-	-	TM1210RCU	4-/10	TGK12, TGK24	R3
	20/30	-	-	TM2010CCU	4-/10	TGK24	R4
125	4/8	TL412R(T)1P, R2	1-2/0	-	-	TGL1	R1A, R1B
	4/8	TPL412R(T)P	1-2/0	-	-	TGL1	R1
	4/12	TLM612RCUP	6-1	-	-	TGK12	R2A
	8/16	TLM812RCU(2)P	6-1	-	-	TGK12	R2A
	12/24	TLM1212RCUP	6/20	TM1212RCU	1-2/0	TGK12, TGK24	R4
	24/24	TLM2412RCU	6-2/0	TM2412CCU	1-2/0	TGK24, TGK32	R4
150	8/16	-	-	TM815RCUFLP	1-250 (Cu) 2/0-250 (Al)	TGK24	R5
	16/32	-	-	TM1615RCU	1-3/0 (Cu) 2-3/0 (Al)	TGK24, TGK32	R5
	24/30	TLM2415RCU	1-3/0 (Cu) 2-3/0 (Al)	TM2415RCU	1-3/0 (Cu) 2-3/0 (Al)	TGK24, TGK32	R6
	24/42	-	-	TM2415R42	1-250 (Cu) 2/0-250 (Al)	TGK24	R39
	32/32	-	-	TM3215RCU	1-250 (Cu) 2/0-250 (Al)	TGK32	R7
200	8/16	-	-	TM820RCUFLP	1-250 (Cu) 2/0-250 (Al)	TGK32	R5
	12/24	TLM1220RCUP	6-250	-	-	TGK24	R5
	16/32	TLM1620RCU	6-250	-	-	TGK32	R5
	20/40	TLM2020RCU	6-250	TM2020RCUP	1-250 (Cu) 2/0-250 (Al)	TGK24, TGK42	R6
	24/42	TLM2420R42	1-250 (Cu) 2/0-250 (Al)	TM2420R42	1-250 (Cu) 2/0-250 (Al)	TGK24	R39
	32/40	TLM3220RCU	1-250 (Cu) 2/0-250 (Al)	TM3220RCU	1-250 (Cu) 2/0-250 (Al)	TGK32	R7
	40/40	TLM4020RCU	1-250 (Cu) 2/0-250 (Al)	TM4020RCU	1-250 (Cu) 2/0-250 (Al)	TGK42	R8
225	8/16	-	-	TM822RCUFL	1-250 (Cu) 2/0-250 (Al)	TGK24	R5
	42/42	TLM4222RCU	1-300 (Cu) 2/0-300 (Al)	TM4222RCU	1-300 (Cu) 2/0-300 (Al)	TGK42	R8

*For ground bars, see page 9.
For circuit breakers, see page 11.
For hubs, ground bars and other accessories you'll need, see page 9.

****Box dimensions (in inches)**

Box	R1	R1A	R1B	R2A	R3	R4	R5	R6	R7	R8	R39
Width	7 1/2	7 1/4	7 3/8	11 1/4	12 1/2	14	12 1/2	14	14	14	14
Height	9 7/32	10	13	11 1/8	21 3/16	33 3/16	28 11/16	35 7/16	39 3/16	43 11/16	31 11/16
Depth	3 5/16	3 3/4	3 3/4	3 1/4	4 5/8	4 5/8	4 5/8	4 5/8	4 5/8	5 3/4	4 5/8

[HIGHER QUALITY. LOWER INSTALLED COST.] PowerMark Gold™ Load Centers

Packaging features comprehensive selection and application data. Fronts are packed in inner cartons for added protection during shipment and at the job site.

A complete family of meter socket load centers — ring style and ringless, wide and narrow, meter mains, farm panels and more — deliver specialized solutions for special situations.

Main lug load centers offer an economical solution for sub-panels and similar applications. All main lug units 125A and above convert easily to main breaker.

GE's residential load centers reach into commercial applications as well, with riser panels, auxiliary gutters, three-phase units with standard 22kAIC ratings, and all the accessories needed to complete the job.

The PowerMark Gold line includes a wide range of outdoor as well as indoor units.

All PowerMark Gold load centers are designed and built for faster installation and more dependable performance.

- One-piece interior removes and reinstalls easily.
- Full-length neutrals are easier to wire, reducing installation time and cost.
- Minimum 100% neutral terminations.
- Sturdy copper bus and galvanized box increase durability and reliability.
- Combination slotted/Robertson screws speed wiring.
- All holes are rated for 14-4 wire.
- 100% rated split neutral on each side.
- Load centers accept Q Line circuit breakers, including GE's exclusive ½" THQPs.

Accessories & Options

- Door lock & handle
- Equipment ground kits
- Sub-feed & feed-thru lugs
- Front filler plates
- Handle lock & ties
- Hardware kits
- Main breaker retainers
- Neutral kits
- Universal raintight hubs

Catalog Number System

For illustrative purposes only.

T	M	42	4	20	C	CU	B
GE Identification	Type	Maximum Number of 1" Spaces	Insert for 3-phase, 4-wire Load Centers	Bus Ampere Rating	Enclosure Type	Insert for PowerMark Gold	Insert for Specials
	M = Main Breaker L = Main Lug LM = Convertible PL = Main Lug, Thermoplastic Enclosure	4 - 42		10 = 100A 12 = 125A 15 = 150A 20 = 200A 22 = 225A 40 = 40A 60 = 60A 70 = 70A	C = Combination Flush and Surface, Indoor F = Flush S = Surface R = Outdoor	CU = Copper Bus	G or T = Factory Installed Ground Bar B = Bottom Feed Main Breaker FL = Factory installed Feed-thru Lugs D = Optional door for 6-8 circuit indoor panels. (Doors are standard on all other units.)

Load Center Selection Guide

(For details on these and other load centers, see the selection tables on the following pages.)

Main Breaker Load Centers

Main Amp Rating	Max. Branch Breaker Rating (Amps)		Maximum Spaces					Cat. No.		
			1" THQL		½" THQP		Total 1-pole Spaces	Base Cat. No.①	Suffix 1②	Suffix 2③
	Cu	Al	1-pole	2-pole	1-pole	2-pole				
60	60	60	4	2	8	4	8	TM860	F,S	CUGEN
100	100	100	12	6	24	10	24	TM1210	C,R	CU
			20	10	—	—	20	TM2010	C,R	CU
			32	16	—	—	32	TM3210	C	CU
125	125	125	24	12	—	—	24	TM2412	C,R	CU
			12	6	24	10	24	TM1212	C,R	CU
			16	8	16	6	24	TM1612	C	CU
150	150	150	8	4	16	6	16	TM815	R	CUFL
			24	12	20	6	30	TM2415	C,R	CU
			32	16	—	—	32	TM3215	C,R	CU
			16	8	32	14	32	TM1615	C,R	CU
200	200	175	8	4	16	6	16	TM820	R	CUFL
			16	8	32	16	32	TM1620	C	CU
			20	10	40	20	40	TM2020	C,R	CU
			32	16	16	6	40	TM3220	C,R	CU
			40	20	—	—	40	TM4020	C,R	CU

Convertible Load Centers

Main Amp Rating	Max. Branch Breaker Rating (Amps)		Maximum Spaces					Cat. No.		
			1" THQL		½" THQP		Total 1-pole Spaces	Base Cat. No.①	Suffix 1②	Suffix 2③
	Cu	Al	1-pole	2-pole	1-pole	2-pole				
100	70	55	6	3	12	4	12	TLM612	S,F	CU, D
			8	4	16	6	16	TLM812	S,F	CU, D
125	125	125	24	12	—	—	24	TLM2412	C,R	CU
			12	6	24	10	24	TLM1212	C,R	CU
			16	8	12	6	24	TLM1612	C	CU
150	150	150	20	10	—	—	20	TLM2015	C	CU
			24	12	12	6	30	TLM2415	C,R	CU
200	200	175	16	8	32	14	32	TLM1620	C,R	CU
			20	10	40	18	40	TLM2020	C,R	CU
			32	16	16	6	40	TLM3220	C	CU
			40	20	—	—	40	TLM4020	C,R	CU

Main Lug Load Centers

Main Amp Rating	Max. Branch Breaker Rating (Amps)		Maximum Spaces					Cat. No.		
			1" THQL		½" THQP		Total 1-pole Spaces	Base Cat. No.①	Suffix 1②	Suffix 2③
	Cu	Al	1-pole	2-pole	1-pole	2-pole				
40	40	40	2	1	4	1	4	TL240	C,R	CU
70	70	60	2	1	4	1	4	TL270	C,R	CU
125	70	55	4	2	8	3	8	TPL412	C,R	—
			4	2	8	3	8	TL412	C, R1	—

① *Catalog number is constructed by adding Suffix 1 and Suffix 2 to Base Catalog Number.*

② *F = Flush mount indoor*
S = Surface mount
C = Combination flush/surface mount indoor
R, R1 = Outdoor

③ *CU = Copper bus*
CUFL = Copper bus, feed-thru lugs
CUGEN = Copper bus, generator panel with dual main circuit breakers
D = Optional door for 6- and 8-circuit indoor panels (door standard on outdoor panels)

[DIMENSIONS AND KNOCKOUTS.] PowerMark Gold™ & Plus™ Load Centers

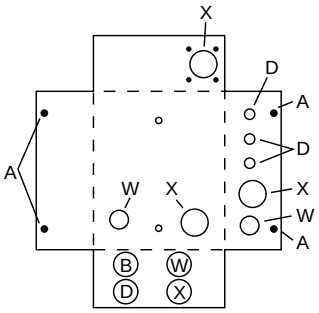
Outdoor Enclosures

Dimensions (in inches)

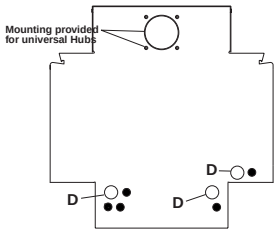
Box No.	Width	Height	Depth
R1	7½	9 3/32	3 5/16
R1A	7¼	10	3¾
R1B	7⅞	13	3¾
R2A	11¼	11⅛	3¼
R3	12½	21 3/16	4⅝
R4	12½	26 1/16	4⅝
R5	12½	28 11/16	4⅝
R6	12½	32 11/16	4⅝
R7	12½	35 11/16	4⅝
R8	12½	43 11/16	5¾
R9	16	45 15/16	5 27/32
R10	20	48 15/16	6¼
R11	20	59 15/16	6¼

Knockouts

Symbol	A	•	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD
Conduit Size in Inches	3/16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	3/8	—	3/8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	½	½	½	½	—	½	½	½	—	—	—	—	—	—	—	—	½	—	—	—	—	—	—	½	—	—	½	½
	—	—	—	¾	¾	¾	¾	¾	¾	¾	¾	—	—	¾	—	¾	—	¾	—	—	—	¾	—	—	¾	—	¾	¾	—
	—	—	—	—	—	—	1	1	1	1	1	1	1	—	1	1	—	—	1	—	—	1	—	1	—	—	1	1	—
	—	—	—	—	—	—	1¼	—	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	—	1¼	1¼	—	—	—	1¼	1¼	1¼	—	1¼	1¼	—
	—	—	—	—	—	—	1½	—	—	—	1½	1½	1½	1½	—	1½	1½	1½	—	—	—	—	1½	1½	1½	—	1½	1½	1½
	—	—	—	—	—	—	—	—	—	—	—	—	2	2	2	2	2	2	—	2	2	—	—	2	2	—	2	2	2
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2½	2½	2½	2½	—	2½	2½	—	—	2½	—	2½	—	—	2½
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	3	—	—	—	—	3	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3½	3½	3½	—	—	—	—	3½	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	—	—	—	—	4	—	—	—



Box R1



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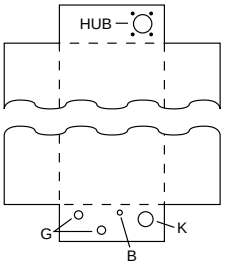

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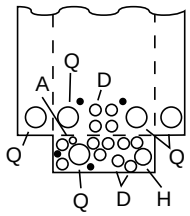
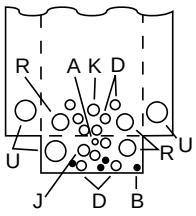


Box R3, R4, R5, R6, R7



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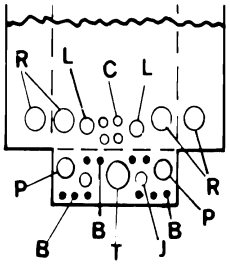

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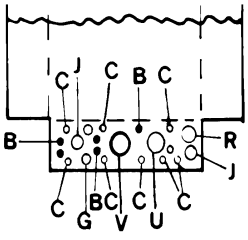

Box R10, R11