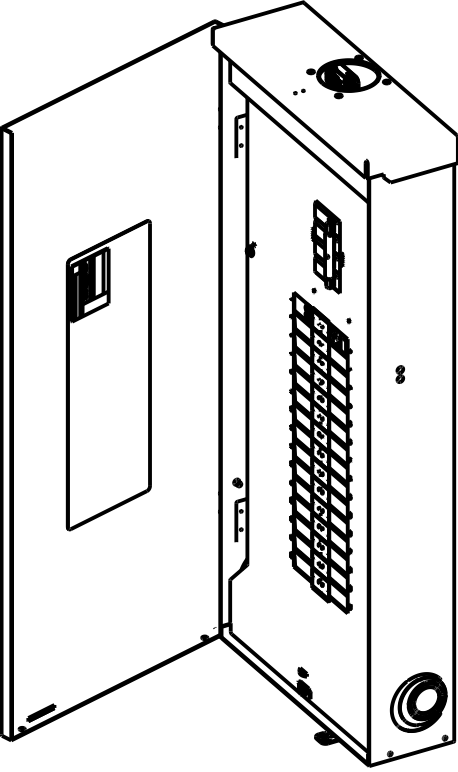


CATALOG

PAM3020R

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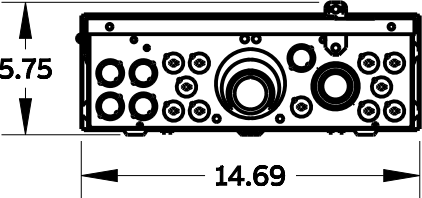
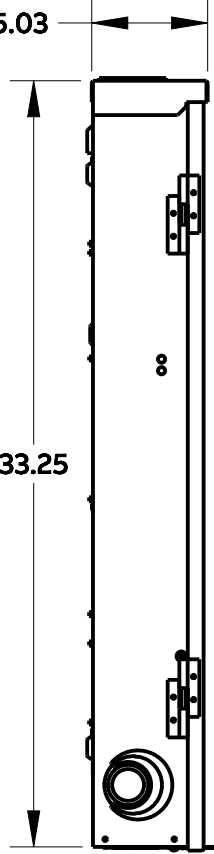
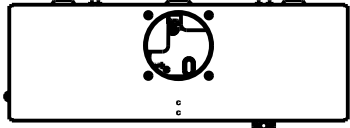


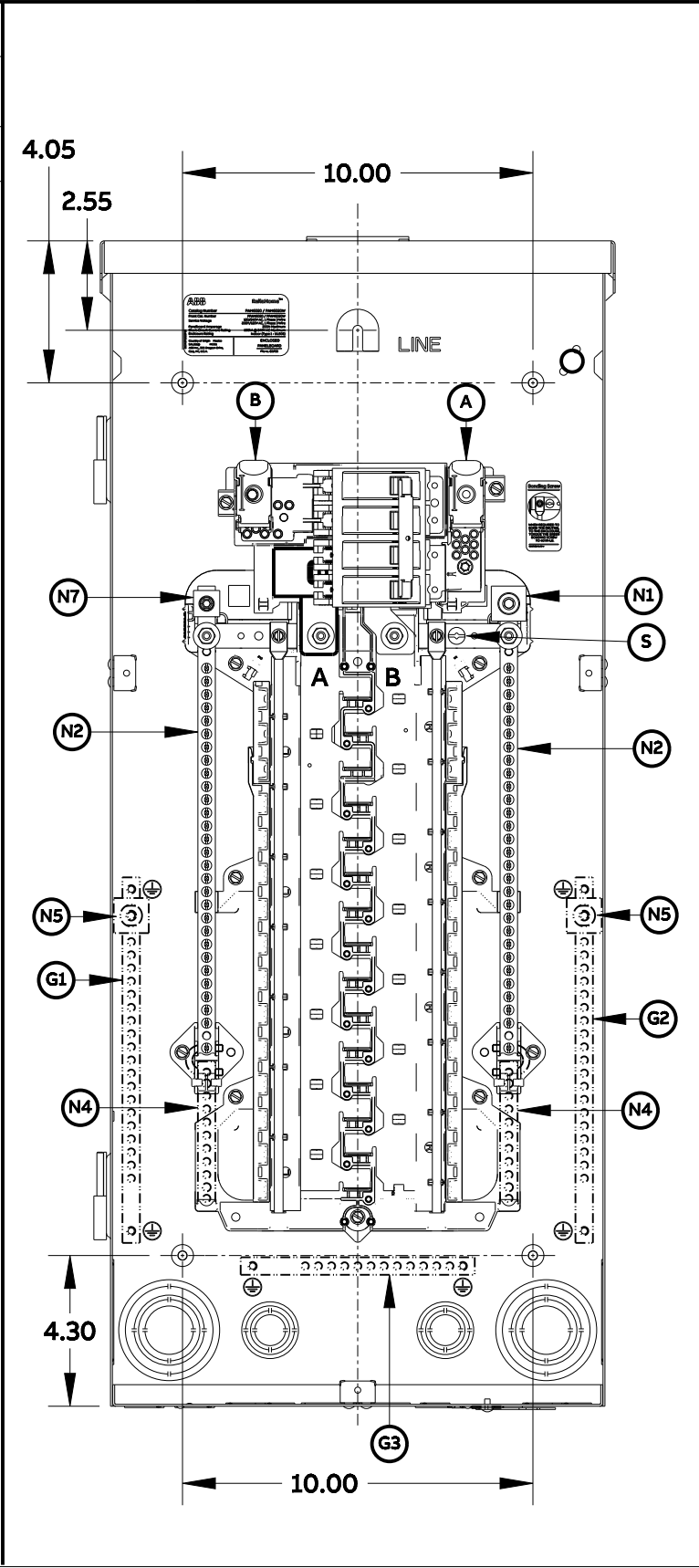
SPECIFICATION

Service Voltage	120/240V AC, 1 Phase 3 Wire 208Y/120V AC, 1 Phase 3 Wire
Panelboard Amperage	200A Maximum
Short- Circuit Current Rating	100kA @ 240V AC Maximum
Rated Frequency	60Hz
Enclosure Rating	Outdoor (Type 3R - UL50E)
Main Device	Circuit Breaker
Main Device Rating	200A Maximum
Busbar Rating and Material	200A Aluminum
Branch Circuit Breaker Rating	125A Maximum
Sum of Circuit Breaker Rating	200A Maximum per Stab
Number of Spaces	30 Spaces Maximum
Number of Circuits	60 Circuits Maximum
Standard Listing	UL67 (E21790)
SUITABLE FOR USE AS SERVICE EQUIPMENT	

RAINTIGHT HUBS

3/4" Dia.	1" Dia.	1-1/4" Dia.	1-1/2" Dia.	2" Dia.	2-1/2" Dia.
TC75	TC100	TC125	TC150	TC200	TC250





REPLACEMENT / ACCESSORIES KIT

TQLFP1	1" Front Filler plates	--
PTHQLRK2	Circuit Breaker Hold-down kit END	1TQC163000Z0114
PTHQLRK1	Circuit Breaker Hold-down kit	1TQC163000Z0113
PD60	Circuit Directory	1TQC163000Z0115
THP100	Padlocking - THQL	--
THP100E	Padlocking - AFCI/GFCI	--
THQLSURGE2	Type 1 plug-on SPD	--
THQMV200F	200A Main Circuit Breaker Kit	--
THQMVSBF	Service Entrance Barrier THQMV	--
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PBS	Bond Screw Kit	1TQC163000Z0121
PGENLCK22	Generator Interlock kit 225A	1TQC163000Z0111
THLK2200	Subfeed Lug Kit - 200A, 2Pole	--
TCCP	Closing Cap	--
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TORQUE

Terminal#	Terminal Name	Installed/ Cat.Number	Wire Size	Drive	Torque LB-IN
A & B	Main Circuit Breaker	Factory Installed	#1 - 250 Cu; 2/0 - 250 Al	Internal Hex	200
N1	Neutral Lug	Factory Installed	(1) #1-300 Cu/Al	Internal Hex	200
N7	Neutral Lug	Factory Installed	(1) #6-2/0 Cu/Al	Internal Hex	120
N3	Neutral Bar	N/A	See Below for Table 1		
N4	Neutral Bar	PNEUXTSM			
G1	Ground Bar	TGK24			
G2	Ground Bar	TGK24			
G3	Ground Bar	TGK12			
G4	Ground Lug	N/A	N/A	N/A	N/A
C & D	Feed Thru Lug	N/A	N/A	N/A	N/A
N5	Ground/ Neutral Lug	TNLK20	(1) #6-2/0 Cu/AL	Internal Hex	120
N6		N/A	N/A	N/A	N/A
N5/N6		TNLK250	(1) #1-300 Cu/AL	Internal Hex	200
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S	Bonding Screw	Installed	N/A	Slotted/ Robertson	40

When used as service equipment,
all unused neutral terminals may be used for equipment ground conductors.

Table 1 : GROUND/NEUTRAL Bar Terminal
Wire size (AWG/KCMIL) & Torque

Conductor for Ground/Neutral Bar Terminal				Drive	Torque Lb-In
Solid		Stranded			
CU	AL	CU	AL	Slotted/ Robertson	15
(1) 14	-	(1) 14	-		15
-	(1) 12	-	(1) 12		20
(1) 12	-	(1) 12	-		20
(1) 10	-	(1) 10	-	Robertson	40
-	-	(1) 8	-		45
-	-	(1) 6-4	-	Slotted/ Robertson	30
(1) 10 & (1) 12	-	-	-		30
(1) 10 & (1) 14	-	(1) 10 & (1) 14	-		30
(2) 10 & (1) 14	-	-	-		30
(1) 12 & (1) 14	-	-	-		30
-	(2) 10 & (1) 12	-	(2) 10 & (1) 12		30

KNOCKOUTS

1"-1.25"-1.5"-2"-2.5"	1"-1.25" - 1.5" - 2"	0.75"-1"-1.25"-1.5"	0.5"- 0.75"- 1"	0.5"-0.75"	0.5"	0.281"
X4	X2	X2	X2	X5	X11	X2

ABB

ReliaHome™
P - Series

DRAWING NUMBER	Mod	Rev	Units
1TQC163300E0098	01	E	Inches