

# Disconnects

Spa Panels . . . . .	<b>6-1</b>
Air Conditioner Disconnects	
Metallic and Non-Metallic . . . . .	<b>6-5</b>
With Ground Fault Receptacle . . . . .	<b>6-6</b>
With Whips . . . . .	<b>6-6</b>
Three-Phase . . . . .	<b>6-6</b>
Cross-Reference . . . . .	<b>6-6</b>
General-Duty	
Fused Safety Switch — 120/240 V . . . . .	<b>6-10</b>
Non-fused Safety Switch — 120/240 V . . . . .	<b>6-11</b>
Heavy-Duty	
Fusible Safety Switch — 240 V . . . . .	<b>6-12</b>
Fusible Safety Switch — 600 V . . . . .	<b>6-13</b>
Non-fusible Safety Switch — 600 V . . . . .	<b>6-14</b>
Non-fusible and Fusible Double Throw Safety Switch — 240 V . . . . .	<b>6-15</b>
Non-fusible and Fusible Double Throw Safety Switch — 600 V . . . . .	<b>6-16</b>
Safety Switch Accessories . . . . .	<b>6-18</b>
Safety Switch Cross-Reference . . . . .	<b>6-21</b>

## Spa Panels



Spa Panels

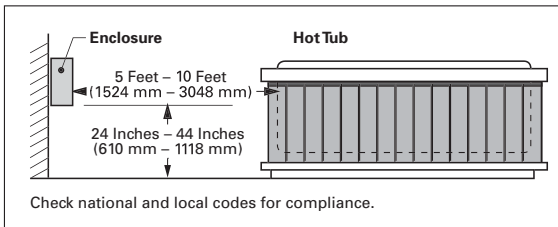


FIGURE 6-1. HOT TUB DIAGRAM

## Product Description

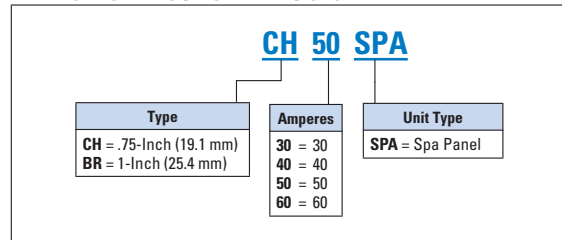
A spa panel is a factory-assembled “combination” unit that provides ground fault protection, as well as a convenient way to turn spa pumps on and off. The National Electrical Code® requires that all pool and spa pumps be protected by a ground fault interrupter and a disconnect switch mounted within 10 feet of the tub or spa. Now you can have both in one simple device and protect your family and friends from serious shock or electrocution.

## Features, Functions and Benefits

- ✓ Unit arrives assembled, prewired, factory tested and ready to install.
- ✓ Preinstalled neutral and ground bars.
- ✓ Comes with a 4-circuit interior that allows for two extra 120 volt circuits for convenience receptacles or lighting (Type CH only).
- ✓ Padlockable doors to prevent unauthorized entry.
- ✓ A push-to-test button to ensure the ground fault breaker is working.
- ✓ Door swings open and stays open for easy interior access.

## Catalog Numbering System

TABLE 6-1. CATALOG NUMBERING SYSTEM



## Cutler-Hammer Quick-Pro<sup>SM</sup>



All you need to know to save time and make more money. Specified on certain Cutler-Hammer products, the Quick-Pro symbol allows for immediate recognition of products that are designed for straightforward installation. When you see Quick-Pro, you know you can install quickly — sometimes up to 50% less than the usual installation time — and move onto your next job.

## Data Tables

TABLE 6-2. PRODUCT SELECTION

Main Ampere Rating	Circuit Breaker Included	Enclosure Type	Trim Type Included	Box Size <sup>①</sup>	Wire Size Range Cu/Al 60°C or 75°C for Main Lugs	Catalog Number	UPC Code
30	CH230GF	Outdoor	—	6R	#14 – 2 kcmil	<b>CH30SPA</b>	782116141890
40	CH240GF	Outdoor	—	6R	#14 – 2 kcmil	<b>CH40SPA</b>	782116056583
50	CH250GF	Outdoor	—	6R	#14 – 2 kcmil	<b>CH50SPA</b>	782116056590
40	GFCB240	Outdoor	—	5R	#8 – 2 kcmil	<b>BR40SPA</b> <sup>②</sup>	786679138045
50	GFCB250	Outdoor	—	5R	#8 – 2 kcmil	<b>BR50SPA</b> <sup>②</sup>	782114555866
60	CH260GF	Outdoor	—	6R	#14 – 2 kcmil	<b>CH60SPA</b>	782116056606

<sup>①</sup> See Loadcenters Section, Page 2-18 for dimensions.

<sup>②</sup> Contains only a two circuit interior while all others contain a four circuit interior.

## Cross-Reference

TABLE 6-3. CROSS-REFERENCE SELECTION

Description	Cutler-Hammer <sup>®</sup>	Square D <sup>®</sup>	GE <sup>®</sup> (Midwest)
Single-phase, 4 circuit CH loadcenter with 30 ampere 2-pole ground fault breaker factory installed.	<b>CH30SPA</b>	—	—
Single-phase, 4 circuit CH loadcenter with 40 ampere 2-pole ground fault breaker factory installed.	<b>CH40SPA</b>	—	—
Single-phase, 4 circuit CH loadcenter with 50 ampere 2-pole ground fault breaker factory installed.	<b>CH50SPA</b>	QOE250GFNM	TL412R250GF
Single-phase, 4 circuit CH loadcenter with 60 ampere 2-pole ground fault breaker factory installed.	<b>CH60SPA</b>	—	TL412R260GF
Single-phase, 2 circuit BR loadcenter with 50 ampere 2-pole ground fault breaker factory installed.	<b>BR50SPA</b>	HOME250SPA	TL412R250GF