



Section 2

HomeLine™ Loadcentres

Features that Outclass the Competition

The quality you expect from Schneider Electric, the industry leader, is built into all HomeLine™ loadcentres. One example is our exclusive Qwik-Open® circuit breakers, which give homeowners a new standard for reliable, fast-acting circuit protection. In addition, our commitment to technological leadership has brought a new level of electrical safety to the residential market.

Canadian HomeLine™ loadcentres are the smart choice for value-minded contractors, remodelers, builders and homeowners. HomeLine™ loadcentres are CSA approved to only accept Canadian HomeLine™ breakers.

Panel Features:

- Straight-in wiring mains design helps reduce the need to bend service cable, reducing waste and saving installation time.
- Standard 22,000 ampere short circuit current rating on main breaker provides increased high fault current protection.
- Panel interiors are easily removed for paint or theft protection. Single, captive screw can't be lost; interior mounts quickly, and easily fully distributed (indoor only).
- Combination slot/Robertson neutral, ground and cover screws let you use either a standard flat blade screwdriver or a Robertson screwdriver for reduced slippage and improved torque.
- Shielded aluminum bus and interior assembly is among the most rugged and user friendly in the industry. Minimizes the exposed bus and reduces chance of incidental contact.
- Multiple horizontal ground bar mounting locations (left, right and bottom) let you pick the easiest spot to wire.
- Backed out neutral screws save labor and installation time.
- 10 Year Warranty. See page 66.

FAST FACTS

HomeLine loadcentres was first introduced in North America between 1988 and 1989.

Canadian HomeLine™ loadcentres offer unique features for the value-minded contractors

Key Features



Single teardrop positioning hole

Enables single-person installation. The load center can be hung in position and is easily secured with the embossed mounting holes.



Bolt on main breaker/straight-in wiring

All 100A and 200A panels have a bolt on main breaker for solid connection. Straight-in wiring for main breaker connection saves wire and time - minimize service cable bends.



Distributed branch neutral

Reduces clutter and simplifies wiring.



Factory removed branch twist-outs and main breaker K.O.

All HomeLine service entrance loadcentres come with the first two branch twist-outs and the main breaker K.O. (New Feature) factory removed to save installation time.



Automatic flush adjustment

Cover features a floating, spring-mounted trim providing automatic adjustment. This ensures proper alignment without manual adjustment and speeds up the final installation.



Painted appliance white

Tub and trim painted white adds a clean look for finished areas and reduces sharp edges for electricians.



Cover with door

HomeLine™ service entrance loadcentres come with door to cover exposed breakers. Convenient for unfinished basements with no cabinet enclosure.

(Exception: 120 circuit loadcentres)

HomeLine™ Plug-on Neutral Panel Packages

HomeLine™ panel packages combine a service entrance loadcentre with a selection of breakers including the combination arc fault breakers for the updated 2015 code. The HomeLine™ Plug-on Neutral loadcentres are designed to accept the plug-on (pigtail less) combination arc fault circuit breakers. The plug-on arc fault circuit breakers connect directly to the neutral bar of the loadcentre, eliminating the need to attached a separate neutral wire to the neutral bar. The HomeLine™ loadcentres features a fully distributed neutral bar that is versatile enough to accept either pigtail or pigtail less arc fault breaker or ground fault breaker.



Distributed Neutral Bar

Plug-on Neutral HomeLine™ service entrance loadcentres are engineered to accept the pigtail less arc fault circuit breaker.



Faster Installation / Frees Gutter Space

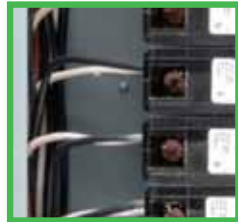
With the elimination of the pigtail wires in the panel the contractor has fewer connections which saves time and frees gutter space for a cleaner look.



Easier Troubleshooting

With a much cleaner look, tracing the destination of wires is easier and inspection of panels easier.

Compare the difference



Pigtail Neutral Connections

Plug-on Neutral Connections

HomeLine Panel Package Selection (1 Phase, 3 Wire, 120/240 Vac)

Main Amp Rating	Number of Circuits		Catalogue Number	Main Wire Size AWG/kcmil AL/Cu	Product Dimensions					
					Height		Width		Depth	
	Standard 1"	Tandem/Quad			Inches	mm	Inches	mm	Inches	mm
100 A	24	48	VP1048PON	#6-2/0	26.04	661	14.25	362	3.75	95
100 A	30	60	VP1060PON	#6-2/0	33.78	858	14.25	362	3.75	95
200 A	30	60	VP2060PON	#4-250	33.78	858	14.25	362	3.75	95
200 A	42	84	VP2084PON	#4-250	39.37	1000	14.25	362	3.75	95

Each Panel Package Includes:

Catalogue Number	1 Pole 15A	15A Tandem	1 Pole 20A	2 Pole 15A	2 Pole 30A	2 Pole 40A	1 Pole 15A CAFIC
VP1048PON	6		2		1	1	3
VP1060PON	8		2		1	1	3
VP2060PON	8		2		1	1	6
VP2084PON	8		2		1	1	6



HomeLine™ Panel Packages

HomeLine™ panel packages combine a service entrance loadcentre with a selection of breakers for easy installation. This panel offers speed and safety features such as, straight-in main breaker wiring, painted appliance white finish for no sharp edges, drywall markers for accurate installation and a shielded bus design.

Panel Package Features:

- Expandable loadcentre capacity with the use of tandem and quad breakers.
- CSA approved for vertical, horizontal or inverted mounting.
- Accepts aluminum or copper conductors.
- Distributed neutral bars reduces clutter and simplifies wiring.
- CSA approved to only accept Canadian HomeLine™ circuit breakers.
- Complete with latch door on the trim, with option for door lock. See page 22 for accessories.



24 Circuit 100A Panel Package

HomeLine Panel Package Selection (1 Phase, 3 Wire, 120/240 Vac)

Main Amp Rating	Number of Circuits		Catalogue Number	Main Wire Size AWG/kcmil AL/Cu	Product Dimensions					
					Height		Width		Depth	
	Standard 1"	Tandem/Quad			Inches	mm	Inches	mm	Inches	mm
100 A	12	24	VCP1024	#6-2/0	17.92	455	14.25	362	3.75	95
100 A	16	32	VCP1032	#6-2/0	20.92	531	14.25	362	3.75	95
200 A	20	40	VCP2040	#4-250	29.86	758	14.25	362	3.75	95

Each Panel Package includes 2 filler plates



Each Panel Package Includes:

Catalogue Number	1 Pole 15A	15A Tandem	1 Pole 20A	2 Pole 15A	2 Pole 30A	2 Pole 40A
VCP1024		5				
VCP1032		5		1	1	1
VCP2040	10			1	1	1



HomeLine™ Sub Panels

HomeLine™ Main Lugs Loadcentres Type 1 Indoor

HomeLine™ sub panels are an ideal solution if your main service panel is full but you want to add multiple circuits to your home. Canadian HomeLine™ loadcentres are the smart choice for value-minded contractors, remodelers, builders and homeowners. Sub panels do not include a main breaker.

Indoor Loadcentre Features:

- Expandable loadcentre capacity with the use of tandem or Quad breakers.
- CSA approved for vertical, horizontal or inverted mounting.
- Accepts aluminum or copper conductors.



6 Space Sub Panel

Main Lugs Loadcentre Selection (1 Phase, 3 Wire, 120/240 Vac)

Bus Amp Rating	Number of Circuits		Catalogue Number	Main Wire Size AWG/kcmil AL/Cu	Product Dimensions					
					Height		Width		Depth	
	Standard 1"	Tandem/ Quad			Inches	mm	Inches	mm	Inches	mm
70 A	2	4	CHOM24L70S ①	#12-3 #14-4	9.30	236	4.81	122	3.19	81
100 A	6	12	CHOM612L100S ①	#8-1	12.57	319	8.88	226	3.80	97
125 A	4	8	CHOM48L125GC	#4-2/0	14.80	376	8.88	226	3.80	97
125 A	8	16	CHOM816L125GC	#6-2/0	17.92	455	14.25	362	3.75	95
125 A	12	24	CHOM1224L125GC	#6-2/0	17.92	455	14.25	362	3.75	95
125 A	16	32	CHOM1632L125GC	#6-2/0	26.04	661	14.25	362	3.75	95
125 A	24	48	CHOM2448L125GC	#6-2/0	26.04	661	14.25	362	3.75	95
125 A	30	60	CHOM3060L125GC	#6-2/0	33.78	858	14.25	362	3.75	95
225 A	30	60	CHOM3060L225GC	#6-250	33.78	858	14.25	362	3.75	95
225 A	42	84	CHOM4284L225GC	#6-250	39.37	1000	14.25	362	3.75	95

① Substitute "S" with "F" at end of part number for Flush cover panel

HomeLine™ Main Lugs Loadcentres Type 3R Outdoor

Outdoor Loadcentre Features:

- Type 3 enclosure for outdoor applications.
- Enclosures are CSA certified for vertical mounting only.
- Additional hubs on page 22.



2 Space Outdoor Panel

Outdoor Main Lugs Loadcentre Selection (1 Phase, 3 Wire, 120/240 Vac)

Bus Amp Rating	Number of Circuits		Catalogue Number	Main Wire Size AWG/kcmil AL/Cu	Product Dimensions					
					Height		Width		Depth	
	Standard 1"	Tandem/ Quad			Inches	mm	Inches	mm	Inches	mm
70 A	2	4	CHOM24L70RB	#12-3Al/#14-4Cu	9.38	238	4.88	124	4.00	102
100 A	6	12	CHOM612L100RB	#8-1	12.65	321	8.88	226	4.27	108
125 A	4	8	CHOM48L125GRB	#12-2/0Al/#14-2/0Cu	14.80	376	8.88	226	4.27	108
125 A	8	16	CHOM816L125GRB	#6-2/0	18.92	481	14.75	375	4.52	115
125 A	12	24	CHOM1224L125GRB	#6-2/0	18.92	481	14.75	375	4.52	115

HomeLine™ Main Breaker Only Loadcentres

This service entrance panel is connected to the electrical meter and distributes electricity throughout the home. Each is equipped with a factory installed main circuit breaker, which serves as the main disconnect to turn off power to the loadcentre.

Main Breaker Loadcentre Features:

- Factory installed main breaker.
- Suitable for surface or flush mounting.
- CSA approved for vertical, horizontal or inverted mounting.
- Tandem or quad breakers allow you to easily expand the loadcentre capacity.
- Distributed neutral reduces clutter and simplifies wiring.
- Painted appliance white.
- CSA approved to only accept Canadian HomeLine™ circuit breakers.



24 Circuit Main Breaker Only Panel

Main Breaker Loadcentre Selection (1 Phase, 3 Wire, 120/240 Vac)

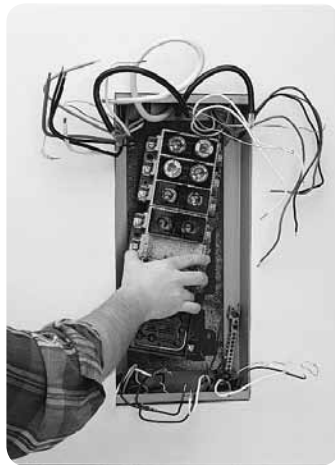
Main Amp Rating	Number of Circuits		Catalogue Number	Main Wire Size AWG/kcmil AL/Cu	Product Dimensions					
	Standard 1"	Tandem/ Quad			Height		Width		Depth	
					Inches	mm	Inches	mm	Inches	mm
Factory Installed Main Circuit Breaker - QOM1 Main Frame Size										
30 A	12	24	CHOM1224M30GC	#6-2/0	17.92	455	14.25	362	3.75	95
50 A	12	24	CHOM1224M50GC	#6-2/0	17.92	455	14.25	362	3.75	95
60 A	12	24	CHOM1224M60GC	#6-2/0	17.92	455	14.25	362	3.75	95
60 A	16	32	CHOM1632M60GC	#6-2/0	20.92	531	14.25	362	3.75	95
70 A	12	24	CHOM1224M70GC	#6-2/0	17.92	455	14.25	362	3.75	95
70 A	16	32	CHOM1632M70GC	#6-2/0	20.92	531	14.25	362	3.75	95
100 A	12	24	CHOM1224M100GC	#6-2/0	17.92	455	14.25	362	3.75	95
100 A	16	32	CHOM1632M100GC	#6-2/0	20.92	531	14.25	362	3.75	95
100 A	24	48	CHOM2448M100GC	#6-2/0	26.04	661	14.25	362	3.75	95
100 A	30	60	CHOM3060M100GC	#6-2/0	33.78	858	14.25	362	3.75	95
125 A	12	24	CHOM1224M125GC	#6-2/0	17.92	455	14.25	362	3.75	95
125 A	16	32	CHOM1632M125GC	#6-2/0	20.92	531	14.25	362	3.75	95
125 A	24	48	CHOM2448M125GC	#6-2/0	26.04	661	14.25	362	3.75	95
125 A	30	60	CHOM3060M125GC	#6-2/0	33.78	858	14.25	362	3.75	95
Factory Installed Main Circuit Breaker - QOM2 Main Frame Size										
150 A	20	40	CHOM2040M150GC	#4-250	29.86	758	14.25	362	3.75	95
150 A	30	60	CHOM3060M150GC	#4-250	33.78	858	14.25	362	3.75	95
150 A	42	84	CHOM4284M150GC	#4-250	39.37	1000	14.25	362	3.75	95
175 A	20	40	CHOM2040M175GC	#4-250	29.86	758	14.25	362	3.75	95
175 A	30	60	CHOM3060M175GC	#4-250	33.78	858	14.25	362	3.75	95
175 A	60	120	CHOM60120M175GC	#4-250	48.50	1232	14.25	362	3.75	95
200 A	20	40	CHOM2040M200GC	#4-250	29.86	758	14.25	362	3.75	95
200 A	30	60	CHOM3060M200GC	#4-250	33.78	858	14.25	362	3.75	95
200 A	42	84	CHOM4284M200GC	#4-250	39.37	1000	14.25	362	3.75	95
200 A	60	120	CHOM60120M200GC	#4-250	48.50	1232	14.25	362	3.75	95

❶ Does not include a door. Order kit #CHOMDK602 for door.

HomeLine™ Fusible Loadcentre Inserts (HFLCI)



Step #1
Identify Box Dimensions
and Catalogue Number



Step #2
Remove Old Fusible Interior



Step #3
Install New HFLCI



Step #4
Complete Installation

HomeLine™ Fusible Loadcentre Inserts (HFLCI) offers the safety and reliability of a modern circuit breaker loadcentre system featuring HomeLine™ circuit breakers. Easily replaces outdated fusible loadcentres. No holes to drill. No new ground required. No branch conductors or conduit to remove. Using the HomeLine FLCI substantially reduces installation time as much as 80%, allowing for the economical replacement of old fusible loadcentres.

Note: Not suitable for use with HomeLine AFI or GFI devices.

Fusible Loadcentre Features:

- Eliminates drywall removal, painting and repair.
- No holes to drill, no new ground required.
- Able to use HomeLine tandem and Quad breakers.
- Clean look with architectural white paint finish.
- No branch conductors or conduit to remove.
- 10 Year Warranty. See page 66.



Fusible Insert Kit
Includes insert panel, trim with
door, filler plates and blank label

The HomeLine Fusible loadcentre is ideal for large apartment buildings for maximum cost savings.



Fusible Loadcentre Product Selection Guide

READ THIS FIRST!

To select the proper HFLCI, follow these three steps:

Step 1: Find your fusible loadcentre catalogue number using columns 1 and 2.

Step 2: Confirm that the original fusible loadcentre box dimensions match those in columns 5, 6, and 7.

Step 3: Use column 3 to identify the HomeLine™ Fusible Loadcentre Insert (HFLCI) catalogue number.

CAUTION:

Do not proceed with an installation unless both the existing catalogue number and box dimensions match.

Original Manufacturer	Original Main Lug Loadcentre Catalogue#	HomeLine Catalogue Number**	Maximum Number of Circuits		Box Dimensions					
					Height		Width		Depth	
			Standard 1"	Tandem or Quad	Inches	mm	Inches	mm	Inches	mm
1	2	3	4		5		6		7	
Amalgamated Electric	4208	HFLCI12D	6	12	16.126	410	8.506	216	2.813	72
Amalgamated Electric	4212	HFLCI16D	8	16	19.506	496	8.506	216	2.813	72
Amalgamated Electric	4220	HFLCI20AD	10	20	24.256	616	8.506	216	2.813	72
Amalgamated Electric	4220	HFLCI24AD	12	24	24.256	616	8.506	216	2.813	72
Amalgamated Electric	4216	HFLCI20BD	10	20	23.126	587	8.506	216	2.813	72
Amalgamated Electric	4216	HFLCI24BD	12	24	23.126	587	8.506	216	2.813	72
Amalgamated Electric	4312	HFLCI20BD	10	20	23.126	587	8.506	216	2.813	72
Amalgamated Electric	4312	HFLCI24BD	12	24	23.126	587	8.506	216	2.813	72
CEB	NHP10-634	HFLCIC16BD	8	16	20.126	511	7.876	200	3.063	78
CEB	NHP10-636-3	HFLCIC20BD	10	20	24.126	613	10.126	257	3.063	78
CEB	NHP10-636-3	HFLCIC20ED	10	20	27.876	708	10.251	261	3.063	78
CEB	NHP10-636-3	HFLCIC24BD	12	24	24.126	613	10.126	257	3.063	78
CEB	NHP12-60	HFLCIC12DD	6	12	20.126	511	7.876	200	3.063	78
CEB	NHP12-633	HFLCIC20AD	10	20	23.126	587	7.876	200	3.063	78
CEB	NHP12-633	HFLCIC24AD	12	24	23.126	587	7.876	200	3.063	78
CEB	NHP4-632	HFLCIC12BD	6	12	16.256	413	7.876	200	3.063	78
CEB	NHP4-632-1	HFLCIC16D	8	16	19.126	486	7.876	200	3.063	78
CEB	NHP4-633-1	HFLCIC16D	8	16	19.126	486	7.876	200	3.063	78
CEB	NHP6-60	HFLCIC12CD	6	12	13.876	353	7.876	200	3.063	78
CEB	NHP6-633-1	HFLCIC16BD	8	16	20.126	511	7.876	200	3.063	78
CEB	NHP6-636-4	HFLCIC16CD	8	16	24.126	613	7.876	200	3.063	78
CEB	NHP8-60	HFLCIC12D	6	12	16.256	413	7.876	200	3.063	78
CEB	NHP8-635-2	HFLCIC20AD	10	20	23.126	587	7.876	200	3.063	78
CEB	NHP8-635-2	HFLCIC24AD	12	24	23.126	587	7.876	200	3.063	78
Taylor (Crouse Hinds)	NHP0020	HFLCIT8AD	4	8	12.876	327	9.626	245	3.063	78
Taylor (Crouse Hinds)	NHP6-30-60	HFLCIT16AD	8	16	21.126	537	7.506	191	3.063	78
Taylor (Crouse Hinds)	NHP1231	HFLCIT20AD	10	20	24.626	626	9.626	245	3.063	78
Taylor (Crouse Hinds)	NHP20-0821-6	HFLCIT20AD	10	20	24.626	626	9.626	245	3.063	78

HomeLine™ Hot Tub/Pool/Spa Package

Schneider Electric offers a metal enclosure hot tub/pool/spa electrical protection line, the HomeLine™ Hot Tub/Pool/Spa Pack. This pack includes a HomeLine outdoor metallic loadcentre and an installed 50 A ground fault circuit interrupter.

Along with many other features and benefits, the CHOM250GFI 2-pole ground fault circuit breaker protects 2-pole loads against ground and overcurrent faults. The loadcentre and GFCI breaker provide protection for outdoor circuits such as hot tubs, fountains, swimming pools or spas.

Spa Package Features:

- 50A HomeLine™ 2-pole QWIK-GARD® ground fault circuit breaker (CHOM250GFI) installed in loadcentre CHOM24L70RB protects 120 V and 240 V loads against ground and overcurrent faults.
- Designed for applications up to 50 A 120/240 Vac single-phase and 3-wire with ground.
- Painted, zinc-coated steel outdoor enclosure.
- Top-hinged cover can be padlocked.
- 10,000 A short-circuit current interrupting rating.
- Easy-to-remove steel interior trim.
- CSA certified.
- Ideal for indoor or outdoor applications.
- Warranty: 10 years on enclosure, lifetime of the device on the GFCI when used in a residential installation.



50 A Hot Tub/Pool/Spa Package

Spa Package Selection (1 Phase, 3 Wire, 120/240 Vac)

Amp Rating	Catalogue Number	Weight (lbs.)	Box Dimensions					
			Height		Width		Depth	
			Inches	mm	Inches	mm	Inches	mm
50 A	CHOME250SPA	6.22	9.36	237	4.88	124	4.00	102

HomeLine™ Loadcentres Accessories

Accessory Selection

Accessory	Description	Catalogue Number
Filler Plates	Fills branch breaker openings in cover	CHOMFPCP
Lock Kits	For use with type 1 Canadian HomeLine Loadcentres.	PK6FL
Interchangeable Hubs	Conduit Size - Type B Hub	
	Closing Plate	BCAP
	3/4"	B-075
	1"	B-100
	1 1/4"	B-125
	1 1/2"	B-150
	2"	B-200
	2 1/2"	B-250
Replacement Covers	CHOM24L70F *	4055800701
	CHOM48L125GC	4055844801
	CHOM48L125GRB	4056314601
	CHOM612L100S *	4055801702
	CHOM612L100F *	4055801801
	CHOM612L100RB	4055342450
	CHOM816M100GRB	4056317850
	CHOM1224M100GRB	4056319050
	CHOM2040M200GRB	4056319050
	CHOM 8-16,12-24 ML-MB loadcentres	CHOMC12UC
	CHOM 16-32 125A, 24-48 ML-MB loadcentres	CHOMC24UC
	CHOM 30-60 100-125A MB loadcentres	CHOMC30U125C
	CHOM 30-60 150-225A ML-MB loadcentres	CHOMC30UC
	CHOM 42-84 ML-MB loadcentres	CHOMC42UC
	CHOM 20-40 MB loadcentres	CHOMC20UC
	CHOM 60-120 MB loadcentres	CHOMC60UC
	Door Kit for CHOM60120M200GC	CHOMDK602
Surge Protective Device	Surge arrester for 1 phase, 3 wire system 150 Vac maximum phase-to-ground • Easy plug-on installation for HomeLine loadcentres. • LED indicates operational status. • Designed to protect electrical service and "major household appliances" excluding electronic devices.	CHOM2175SB

* Cover with no door



CHOMFPCP



PK6FL



BCAP



B150



CHOMC24UC



CHOM2175SB