

Specification Guide

CE Series A2L Refrigerants
Evaporator Coil Collection



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Nomenclature & Features

Nomenclature

	CE	P	36	14	E32	A	R	
Carrier Enterprise								Refrigerant Detection System (Field Configurable) R = RDS Controller & Sensor (Factory Installed) N = Not Included (Field Installed)
Configuration P: Multi-Position Coil								Metering Device A = Non-bleed HP-A/C TXV (R454B)
Nominal Tonnage								Slab Number
								Cabinet Width/Height 14: 14.25" 17: 17.50" 21: 21.00" 24: 24.50"

General Features

- Lanced fin design for enhanced heat transfer.
- Coils are air pressure tested at 500 PSI, leak tested with Helium, sealed and then charged with dry air.
- Screw-on expansion valves available as a field installed kit.
- Non-captive refrigerant lines for easier service.
- R-454B, R-32, AC & Heat Pump compatible with Refrigerant Detection System.
- Refrigerant detection sensor bracket factory installed

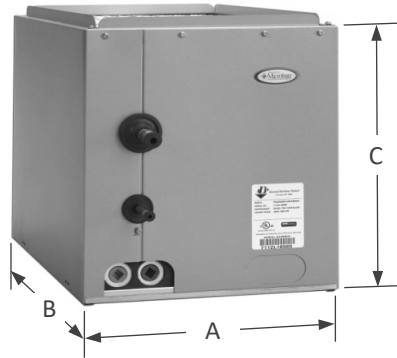
Common Features (Multi-position Coils)

- Microban® antimicrobial additive inhibits the growth of mold and mildew on the drain pan.
- Patented HydroTEC™ drain pan design for lower water retention.
- Enhanced grommets for secure, tight fit and easy installation.
- Durable packaging with a bar coded label on the box.
- Dual drains on each side for easy installation.
- Foil faced insulation for easy cleaning.
- Distributor "bell" joints for enhanced quality.
- UV light knockouts for easy installation.
- Perfect fit for your furnace to eliminate coil overhang.

Multi-position Coil Features

- Factory Installed TXV

Multiposition Coil



A = Width

B = Depth

C = Height (excluding 3/4" top flange)

Supply Opening: (A - 1.5") x (B - 1.5")

Return Opening: (A - 1.0") x (B - 0.5")

Dimensions

Model #	Width	Depth	Height	Suction	Weight	Plenum	Plenum	Pallet
	[A]	[B]	[C]	Line	(lbs)	Width	Depth	Qty
CEP2414G31A*	14.25"	21.00"	16.50"	3/4"	30	12.75"	19.50"	12
CEP2417G31A*	17.50"	21.00"	16.50"	3/4"	30	16.00"	19.50"	8
CEP3614G34A*	14.25"	21.00"	20.50"	3/4"	45	12.75"	19.50"	6
CEP3617G34A*	17.50"	21.00"	20.50"	3/4"	45	16.00"	19.50"	4
CEP4817G1KA*	17.50"	21.00"	22.50"	7/8"	48	16.00"	19.50"	4
CEP4821G1KA*	21.00"	21.00"	22.50"	7/8"	48	19.50"	19.50"	4
CEP6021G48A*	21.00"	21.00"	27.50"	7/8"	53	19.50"	19.50"	4
CEP6024G48A*	24.50"	21.00"	27.50"	7/8"	53	23.00"	19.50"	4

(1) Multi-Position Coils come with factory installed TXV

Airflow

Model #		Face ¹	Pressure ²
	CFM	Velocity	Drop
		(fpm)	(in WC)
CEP2414G31A*	600	224	0.22
	800	299	0.25
	1000	375	0.29
CEP2417G31A*	600	224	0.18
	800	299	0.20
	1000	375	0.24
CEP3614G34A*	1000	250	0.22
	1200	300	0.29
	1400	350	0.34
CEP3614G34A*	1000	250	0.13
	1200	300	0.17
	1400	350	0.26
CEP4817G1KA*	1200	270	0.27
	1400	315	0.31
	1600	360	0.34
CEP4821G1KA*	1200	270	0.23
	1400	315	0.29
	1600	360	0.34
CEP6021G48A*	1200	208	0.13
	1400	242	0.23
	1600	277	0.26
	2000	346	0.28
CEP6024G48A*	1200	208	0.13
	1400	242	0.23
	1600	277	0.26
	2000	346	0.28

* Represents choice of Refrigerant Detection System

(1) Air pressure drop data is under wet coil conditions.



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