



LCS Series 4 Outdoor Condensing Units

Modern, slimline design
suitable for the service
replacement and
retrofit markets



Exclusively distributed by



LCS Series 4 Outdoor Condensing Units

Advanced Comfort Controls



ComfortSense® 7500 Series



ComfortSense® 7000 Series



ComfortSense® 3000 Series

The Lennox LCS Series 4 Outdoor Condensing Unit offers a modern and high-performing design that can be retrofitted with your existing gas furnace to complement your home comfort needs and provide year round climate control.

With industry specific design and performance, the Lennox LCS Series 4 Outdoor Condensing Unit is suitable for both new or retrofit installations of Lennox® or other branded gas furnaces.

One thermostat can control both heating and cooling to provide conditioned air through your existing air vents.

Model Number			LCS-17C-3X-4	LCS-18C-1X-4
Power supply		V / Ph / Hz	380-420 / 3 / 50	220-240 / 1 / 50
Nominal cooling capacity ^{1/}		kW	17	17
Nominal input watts ^{1/}		W	5470	5750
Max. operating current		A	14	33
Locked rotor amps		A	75	157
Compressor	Model		ZP67KCE-TFD	ZP67KCE-PFZ
	Type		Scroll	Scroll
	Brand		Copeland	Copeland
	Capacity ^{2/}	kW	16.1	16.1
	Input ^{2/}	W	5200	5450
	MOC	A	13	31.7
	LRA	A	74	155
	Protection		Thermal	Thermal
	Oil type		POE / 1770	POE / 1770
Outdoor fan motor	Model		Y6S696C020	
	Nom. input	W (ea)	140	
	Capacitor	uF / V	4 / 450	
	Speed	rpm	880	
Outdoor coil	Tube spacing (THxR)	mm	25 x 22	
	Fin spacing	mm	1.9	
	Tube OD/type	mm	9.5 / Grooved	
	Fin type		Flat	
	Airflow	l/s	3730	
Sound Power	Power LwA ^{3/}	dBA	73.5	74
Sound Pressure	LpA @ 1m ^{4/}	dBA	58.4	58.9
Dimension and weights	Unit (LxWxH)	mm	1032 x 425 x 1245	
	Mounting (AxB)	mm	388 x 585	
	Crate (LxWxH)	mm	1210 x 590 x 1440	
	Carton (LxWxH)	mm	1100 x 500 x 1550	
	Crate (Net/gross)	kg	124 / 150	
	Carton (Net/gross)	kg	124 / 135	
Refrigerant	Type		R410A	
	Charge	kg	5.0	
Design pressure	PS	MPAg	4.2	
	PSS	MPAg	2.5	
Piping	Liquid / Discharge	mm	9.5 / 22	
	Max pipe length	m	30	
	Max level difference	m	20	
Ambient temperature range		°C	21 - 43	

^{1/} Nom capacity and input power at 35°C ambient, +9°C sst, s/c = 6K, evap s/ht = 9K

^{2/} Manufacturers Nom. data at 54°C sct, +7°C, +18°C ret gas, 46°C liq temperature

^{3/} LwA tested data according to ISO3744

^{4/} LpA tested at 1m from external surface of unit. Average value only.

Note : Specifications may change without notice. Please refer to smartaccess for up to date information.

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