

Free Standing (LNXGCFS-Series)

LNXGCFS Series

Fixed Speed

Cooling Only

Capacity
4 to 5 tons



Free Standing





3D AIRFLOW

+ 3D air flow \ the combination of vertical and horizontal auto swing function ensures an even distribution of air throughout the room.



LARGE HEAT EXCHANGER

+ New air [ow system, larger heat exchanging area, higher e`ciency.



HIGH EFFICENCY FAN BLADE

+ Centrifugal fan blade, increasing air [ow and decreasing the noise



SLIM BODY

+ Slim body, convenient to install and maintain.

Specifications (LNXCFS-Series,Free Standing Indoor)



Model Number		System	LNXCFS-048S0M3C	LNXCFS-060S0M3C
		Indoor	LNXCFSI-048S0T3C	LNXCFSI-060S0T3C
Cooling (T1)	Capacity	Btu/h	46000	55500
	Capacity	W	13481	16265
	Power Consumption	W	3850	4800
	Running Current	A	6.6	8.2
	EER	Btu/W	11.95	11.55
	EER	W/W	3.5	3.38
Cooling (T3)	Capacity	Btu/h	40500	47500
	Capacity	W	11869	13921
	Power Consumption	W	4800	5900
	Running Current	A	8.2	10
	EER	Btu/W	8.4	8.05
	EER	W/W	2.46	2.35
Indoor Unit	b.Tube pitch(a)×row pitch(b)	mm	25×21.65	25×21.65
	c.Fin spacing	mm	1.5	1.5
	Material (Tube)		inner grooved	inner grooved
	Diameter (Tube)	mm	Φ9.52	Φ9.52
	Material (Fin)		Hydrophilic	Hydrophilic
	No. of Rows (Fin)		3	4
	f.Coil length×height×width	mm	610×756×66	610×756×88
	g.Number of circuits		7	9
Indoor fan motor	Air Flow Rate (Hi/Mi/Lo)	m ³ /h	2500/2300/2100	2650/2450/2250
	Input power	W	324	324
	Sound Pressure (H/L)	dB(A)	52~56	54~58
Refrigerant type			R410A	R410A
Power supply		V-Ph-Hz	220-240V/1N/50Hz	220-240V/1N/50Hz
System Operation Control			Remote Controller	Remote Controller
Indoor unit	Dimension(WxHxD)	mm	742×1804×453	742×1804×453
	Packing (WxHxD)	mm	775×1930×540	775×1930×540
	Net/Gross weight	Kg	82/89.5	88/95.4

1. \ e cooling condition: T1 condition: indoor side 27 °C (80.6 °F) DB, 19 °C (60 °F) WB, outdoor side 35 °C (95 °F) DB; T3 condition: indoor side 29 °C (84.2 °F) DB, 19 °C (60 °F) WB, outdoor side 46 °C (114.8 °F) DB.
 2. Sound level: measured at a point 1 m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
 3. \ e above data may be changed without notice for future improvement on quality and performance.

Specifications (LNXCFS- Series, Free standing Outdoor)



Model Number		System	LNXCFS-048S0M3C	LNXCFS-060S0M3C
		Outdoor	LNXCFSO-048S0M3C	LNXCFSO-060S0M3C
Outdoor Unit	Type		Scroll	Scroll
	Quantity		1	1
	Brand		Copeland	Copeland
	Input	W	4000	4750
	Rated current(RLA)	A	7	8.3
	Locked rotor Amp(LRA)	A	47	64
	Thermal protector		Internal	Internal
	Refrigerant oil	ml	1242	1685
Outdoor coil	Coil length×height×width	mm	808×1260×40.11	989×1386×40.11
	Fin type		Hydrophilic Aluminum	Hydrophilic Aluminum
	Fin spacing	mm	1.5	1.55
	Tube Material		Inner grooved	Inner grooved
	Tube fin		Hydrophilic Aluminum	Hydrophilic Aluminum
	Tube Dia		Φ7	Φ7
	No. of Rows		3	3
Outdoor motor fan	Model		DR-380-100-8	YDK-70-6P3
	Input	W	120*2	150*2
	Fan Speed	RPM	800	870
Outdoor air flow		m ³ /h	6100	7200
Power supply		V-Ph-Hz	380~415V/3N/50Hz	380~415V/3N/50Hz
Throttle part			Capillary	Capillary
Refrigerant type(R410A)/quantity		g	R410A/3800	R410A/5700
Design pressure		MPa	4.5/1.6	4.5/1.6
Outdoor unit	Dimension(WxHxD)	mm	911×1325×400	966×1430×450
	Packing (WxHxD)	mm	965×1445×405	1095×1545×485
	Net/Gross weight	Kg	99/108	125/140
Piping	Suction	mm	Φ19.05	Φ19.06
	Liquid	mm	Φ9.52	Φ9.53
	Max. pipe length	m	50	50
	Max. difference in level	m	30	30
Ambient temp		°C	-7~55	-7~55

1. \ e cooling condition: T1 condition: indoor side 27 °C (80.6 °F) DB, 19 °C (60 °F) WB, outdoor side 35 °C (95 °F) DB; T3 condition: indoor side 29 °C (84.2 °F) DB, 19 °C (60 °F) WB, outdoor side 46 °C (114.8 °F) DB.
 2. Sound level: measured at a point 1 m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
 3. \ e above data may be changed without notice for future improvement on quality and performance.

Free Standing

