

## MULTI SPLIT

## 24V UNIVERSAL INVERTER H/P CONDENSING UNIT

Model: LCHB18DHNI



Model: LCHB18DO



Item	Unit	Parameter
Indoor Unit Model	—	LCHB18DHNI
Outdoor Unit Model	—	LCHB18DO
<b>System Performance</b>		
Cooling Rated Capacity (Range)	Btu/h	18000(5350~18700)
Heating Rated Capacity (Range)	Btu/h	18000(5600~18700)
Power Input (Cooling/Heating)	W	1620/1510
Rated Current (Cooling/Heating)	A	7.5/6.7
EER	Btu/W	11.1
SEER	Btu/W	19
COP	W/W	3.49
HSPF4	Btu/W	10.8
Normal Operational Voltage	V, Ph, Hz	208/230, 1, 60
Voltage Range	V	187-253
MCA	A	16
MOP	A	20
Connection Wiring	—	14AWG*2 Stranded, shielded
Refrigerant Type	Oz	R410A/56.44
Liquid Side/ Gas Side	inch	3/8" / 3/4"
	mm	9.52/19
Max. Pipe Length	ft(m)	98/30
Max. Difference in Level	ft(m)	66/20
Connection Method	—	Flared
Operation Temperature for Indoor(Cooling/Heating)	°F	60~90/32~86
	°C	16~32/0~30
Operation Temperature for Outdoor(Cooling/Heating)	°F	5~122/5~75
	°C	-15~50/-15~24
Application Area	sq.ft	258.33~376.74
	m <sup>2</sup>	24~35
<b>Indoor Unit Data</b>		
Fan Motor Type	—	Centrifugal
Fan Motor Power Input	W	67.8
ESP(Rated)	in.w.g/Pa	0.1/25
ESP(Range)	in.w.g/Pa	0-0.8/0-200
Indoor Air Flow (Hi/Med/Lo) (No duct)	CFM	576.47/529.41/488.24
Indoor Noise Level (Hi/Med/Lo)	dB(A)	36/34/32
Dimension (W×D×H)	inch	21.02x17.52x45.00
	mm	534x445x1143
Packing (W×D×H)	inch	25.20x20.87x50.39
	mm	640x530x1280
Net/Gross Weight	lbs.	105.82/129.41
	kg	48/58.7
<b>Outdoor Unit Data</b>		
Compressor Type	—	ROTARY
Compressor Input	W	100.3
Outdoor Fan Motor Power Input	W	34
Outdoor Fan Motor Speed	r/min	840/700/650
Outdoor Air Flow (Max.)	CFM	1450.00
Outdoor Noise Level	dB(A)	54
Dimension (W×D×H)	inch	31.69x12.99x21.81
	mm	805x330x554
Packing(W×D×H)	inch	36.02x14.57x24.21
	mm	915x370x615
Net/Gross Weight	lbs.	75.84/81.35
	kg	34.4/36.9

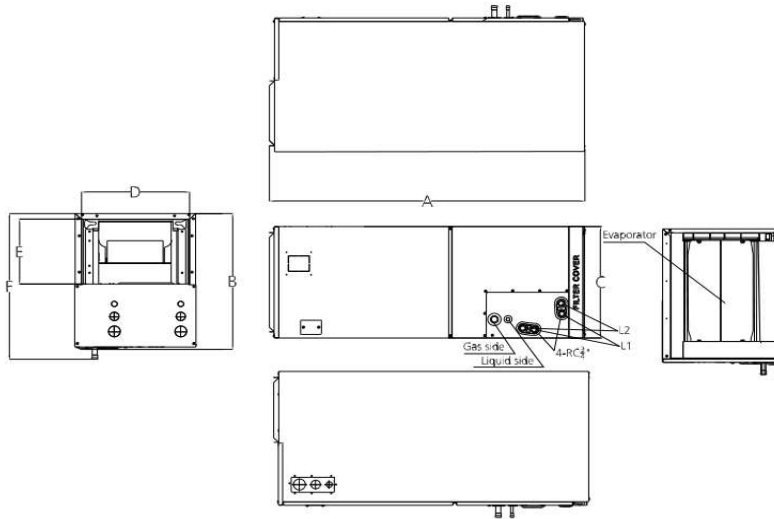
Job Name:

Schedule Reference:

Date:

Specification are subject to change without notice.

## Outline and Physical Dimensions of LCHB18DHNI & LCHB18DO



Model	A(mm/inch)	B(mm/inch)	C(mm/inch)	D(mm/inch)	E(mm/inch)	F(mm/inch)	Drain Hole L1	Drain Hole L2
LCHB18DHNI	1143/45	534/21	445/17-1/2	400/15-3/4	260/10-1/4	585/23	Main Drain	Overflow Drain

