

GROUP CONTROL OPTION



R410a

HI STATIC & AIRFLOW

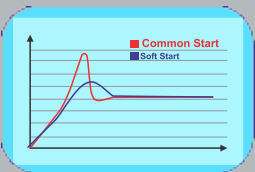


200PA STATIC PRESSURE

UP TO 10800M³/H AIRFLOW

OPTIONAL GROUP CONTROL

LDU - HN



Soft start



High static pressure



Auto restart

MODEL		LDU-70HN1	LDU-96HN1	LDU-140HN1	LDU-170HN1
INDOOR		42LDU-70HN1	42LDU-96HN1	42LDU-140HN1	42LDU-170HN1
Power supply	V, Ph, Hz	220-240V~, 1Ph, 50Hz	220-240V~, 1Ph, 50Hz	220-240V~, 1Ph, 50Hz	220-240V~, 1Ph, 50Hz
Cooling	Btu/h	70,000	93,000	135,000	170,000
	Capacity W	20,500	27,200	39,500	49,800
	Input W	7,500	9,600	16,300	22,000
	EER	W/W	2.73	2.83	2.42
Heating	Capacity Btu/h	85,000	105,000	150,000	195,000
	W	25,000	30,700	44,000	57,000
	Input W	8,300	10,300	15,700	19,300
	COP	W/W	3.01	2.98	2.8
Rated input	W	1,300	1,400	2,730	4,690
Rated current	A	5.2	5.8	12.1	20.9
Indoor air flow	m ³ /h	4,500	5,100	8,500	10,800
External static pressure	Pa	196	196	196	196
Indoor noise level	dB(A)	56	56	63	65
Refrigerant	Type	\	R410A	R410A	R410A
	Control	\	Capillary	Capillary	Capillary
Refrigerant pipe	Liquid side/ Gas side	mm	Φ9.52/Φ22	Φ9.52/Φ25	Φ16/Φ32
	Max. refrigerant pipe length	m	50	50	50
	Max. height difference	m	30	30	30
Connection cable	Power supply cable	\	3×2.5mm ²	3×2.5mm ²	3×2.5mm ²
	Signal cable	\	4×1.0mm ²	4×1.0mm ²	4×1.0mm ²
Drain pipe size (OD)	mm	Φ41	Φ41	Φ41	Φ41
Setting temperature	°C	17~30	17~30	17~30	17~30
Indoor unit	Dimension (WxHxD)	mm	1,366×450×716	1,366×450×716	1,828×668×858
	Packing (WxHxD)	mm	1,555×500×875	1,555×500×875	2,095×800×964
	Net/Gross weight	kg	94/106	96/108	188/200
OUTDOOR		38LDU-70HN1	38LDU-96HN1	38LDU-140HN1	38LDU-170HN1
Power supply	V, Ph, Hz	380-415V~, 3Ph, 50Hz	380-415V~, 3Ph, 50Hz	380-415V~, 3Ph, 50Hz	380-415V~, 3Ph, 50Hz
Usable ambient temp in cooling	°C	17~46	17~46	17~46	17~46
Usable ambient temp in heating	°C	-7~24	-7~24	-7~24	-7~24
Rated input	W	11,700	14,400	26,900	32,200
Rated current	A	19.3	23.7	47.9	53.8
Compressor	Model	\	ZP90KCE-TFD-522	ZP120KCE-TFD-522	E605DH-59D2YG
	Type	\	Scroll	Scroll	Scroll
	Qty.	\	1	1	3
	Brand	\	Copeland	Copeland	Hitachi
	Capacity	W	21,900	29,200	15,390
	Input	W	6,950	9,200	5,130
	Rated current (RLA)	A	16.5	20	8.8
	Locked rotor Amp (LRA)	A	95	118	62
Coil	No. of rows	\	2	2	
Outdoor noise level	dB(A)	68	68	70	
Refrigerant pipe	Type	\	R410A	R410A	
	Liquid side/ Gas side	mm	Φ9.52/Φ22	Φ9.52/Φ25	
	Max. pipe length	m	50	50	
	Max. height difference (ODU above)	m	25	25	
	Max. height difference (OD below)	m	30	30	
Connection cable	Supply Power cable	mm ²	5×6.0mm ²	5×10.0mm ²	
	Signal cable	mm ²	4×1.0mm ²	4×1.0mm ²	
Outdoor unit	Dimension (WxHxD)	mm	1,255×908×700	1,255×908×700	
	Packing (WxHxD)	mm	1,320×1,060×730	1,320×1,060×730	
	Net/ Gross weight	kg	174/193	187/204	
			288/308	320/336	

Cooling Conditions: 35°C (95°F) DB and 24°C (75°F) WB outdoor; 27°C (81°F) DB and 19°C (66°F) indoor.
 Heating Conditions: 7°C (45°F) DB and 6°C (43°F) WB outdoor; 20°C (68°F) DB and 15°C (59°F) WB indoor.

All wiring subject to onsite conditions and must conform to SANS 1014 wiring regulations
 Safety tested in accordance with SABS IEC 60335-2-40 applicable standard

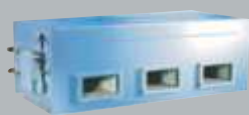
LARGE DUCTED

R410a FIXED SPEED

Photos may vary from the appearance of actual units



IR Remote



42LDU-170HN1



38LDU-70(76-96)HN1



38LDU-140HN1