



Large Fixed Speed Ducted I

42LDU/38LDU

FEATURES

This is ideal choice for new or refurbished buildings.

Ideally suited for larger commercial applications.

High static pressure indoor units allows for longer ducting runs ensure optimal air distribution in all areas.

Choice of wired (optional) or wireless controls (standard).



Unit



Remote controle



Wired optional

Notes:
Actual product picture may vary from picture on brochure

TECHNICAL SPECIFICATIONS

INDOOR UNIT		42LDU-70HN1	42LDU-96HN1	42LDU-140HN1	42LDU-170HN1
OUTDOOR UNIT		38LDU-70HN1	38LDU-96HN1	38LDU-140HN1	38LDU-170HN1
Cooling capacity	kW	20.5	27.2	39.5	49.8
Heating capacity	kW	25	30.7	44	57
Temp range cooling	°C	17~46	17~46	17~46	17~46
Temp range heating	°C	-7~24	-7~24	-7~24	-7~24
EER / COP		2.73/3.01	2.83/2.98	2.42/2.8	2.26/2.95
Power supply	V-ph-Hz	380-415V~3Ph~50Hz	380-415V~3Ph~50Hz	380-415V~3Ph~50Hz	380-415V~3Ph~50Hz
Max Current	A	19.3	23.7	47.9	53.8
Max Input	W	11700	14400	26900	32200
Liquid side / Gas side	mm	9.52 / 22	9.52 / 25	16 / 32	16 / 32
Max. piping length	m	50	50	50	50
Max height difference	m	25	25	25	25

INDOOR UNIT		42LDU-70HN1	42LDU-96HN1	42LDU-140HN1	42LDU-170HN1
Sound power level	dB(A)	56	56	63	65
Airflow (high/med/low)	m³/h	1160/980/870	1160/1010/860	1040/930/825	1280/1135/975
External static pressure	Pa	196	196	196	196
Weight unit	kg	94	96	188	235
Dimensions unit (WxDxH)	mm	1366 x 716 x 450	1366 x 716 x 450	1828 x 858 x 668	1828 x 858 x 668

OUTDOOR UNIT		42LDU-70HN1	42LDU-96HN1	42LDU-140HN1	42LDU-170HN1
Sound power level	dB(A)	68	68	70	73
Sound pressure level	dB(A)	68	68	70	73
Weight	kg	174	187	288	320
Dimensions (WxDxH)	mm	1255 x 908 x 700	1255 x 908 x 700	1250 x 1615 x 765	1390 x 1615 x 765

Notes:

Cooling Capacities are based on 27°C (WB) indoor air temperature and 35 °C (DB) / 24 °C (WB) outdoor air temperature.

Heating Capacities are based on 20 °C (DB) / 15 °C (WB) indoor air temperature and 7 °C (DB) / 6 °C (WB) outdoor air temperature.

Technical Specifications and values are subject to change without prior notice



United Technologies

www.carrier.co.za