

CASSETTE - SPLIT



Comfort



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Power Ratings: 5,3 - 14 kW

The Split Cassette Comfort range has been especially conceived and designed to be installed in the ceilings of shops and offices. It can be perfectly installed merely by replacing a ceiling panel. A quick and simple solution.

Furthermore, **Lennox** has incorporated a new and highly efficient system of filters that provides **healthier air** and a greater feeling of comfort. This works by filtering the air circulating within the building itself and thereby obtaining a higher quality of environment.

■ ■ ■ ■ A Feeling of Comfort in Commercial Premises

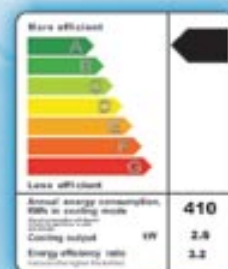


This feeling of comfort is attained by combining the strength of the airflow with the desired temperature within the area to be air conditioned and then ensuring that it is perfectly distributed via the unit's four outlet vents.

A **pure, fresher and higher quality atmosphere** is achieved within the air-conditioned space by combining air taken from both inside and outside the building.

■ ■ ■ ■ High Energy Efficiency

As well as providing a high degree of comfort and imparting a feeling of well-being, our units offer **Maximum Energy Efficiency** that not only saves a great deal of energy, but also respects the **Environment**.



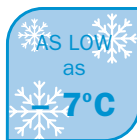
■ ■ ■ ■ Quieter

The design of the fan and the diffuser panel enables us to provide a quieter space that meets all of the user's needs.



Rustproof Outdoor Unit

An outdoor unit built using components that are highly weather resistant. Its rustproof cladding is especially effective in coastal areas.



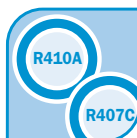
Low ambient

In cooling mode the Cooling Only and Heat Pump units are capable of working at temperatures as low as -7°C .



Washable Front Panel

The design of the indoor unit makes it readily accessible and easy to clean.



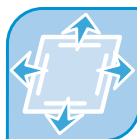
Ecological Refrigerants R410A - R 407C

In order to protect the environment, Lennox uses the new environmentally friendly refrigerants.



Protected Connections

The casing of the outdoor units has been designed to include a cover that protects the connection valves.



Double Airflow Direction

The new indoor units include a directional system that manages the direction of the airflow.



Auto-Restart Function

Following a power cut, our units automatically restart maintaining the previous setting.



Low Noise Levels

Providing the needed airflow, we can provide and ensure optimum atmospheric conditions combined with extra-silent working.



■ COOLING ONLY - CASSETTE - COMFORT

R407C

MODELS			DCK 18N	DCK 24N	DCK 30N	DCK 36N	DCK 48N
Cooling capacity	KW		5,27	7,44	8,90	10,55	14,10
Cooling mode consumption	KW		2,05	3,1	3,50	4,40	5,44
EER	W		2,57	2,40	2,54	2,40	2,59
Energy Classification			E	E	E	E	E
Voltage: 50 Hz	V/f		230 / I	230 / I	400/III	400/III	400/III
Compressor	Type		Rotary	Scroll	Scroll	Scroll	Scroll
Current	Cool	A	9,3	14	6	7,2	9,6
Air flow	Indoor Unit	m ³ /h	860/760	1.050/900	1.050/900	1.600/1.420	1.750/1.500
	Outdoor Unit	m ³ /h	2.200	3.000	3.000	6.000	6.000
Sound level	Indoor Unit	dB (A)	43/40	43/40	43/40	47/44	48/44
	Outdoor Unit	dB (A)	48	52	57	57	65
Ø Coupling pipe size	Liquid		1/4"	3/8"	1/2"	1/2"	1/2"
	Gas		1/2"	5/8"	3/4"	3/4"	3/4"
Refrigeration pipework	Max. Vertical (m)		20	20	20	20	20
	Total Vertical + Horizontal (m)		30	30	30	30	30

PHYSICAL DATA

Dimensions	Indoor Unit	H x L x D (mm)	254x580x580	240x840x840	240x840x840	310x840x840	288x840x840
	Diffuser panel	H x L x D (mm)	30x650x650	40x950x950	40x950x950	40x950x950	40x950x950
	Outdoor Unit	H x L x D (mm)	695x845x335	860x895x330	860x895x330	900x1.225x370	900x1.225x370
Net weight	Indoor Unit	kg	23	36	36	40	40
	Outdoor Unit	kg	53	79	86	101	115

OPERATING LIMITS

Cooling mode	Max - Min °C	43 - (-7)	43 - (-7)	43 - (-7)	43 - (-7)	43 - (-7)
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■ HEAT PUMP - CASSETTE - COMFORT

R410A

MODELS			DHM 18N	DHM 24N	DHM 30N	DHM 36N	DHM 48N
Cooling capacity	KW		5,30	7,10	8,80	10,50	14,00
Heating capacity	kW		6,00	8,00	9,40	11,40	15,20
Cooling mode consumption	KW		1,9	2,56	3,25	3,70	4,70
Heating mode consumption	KW		1,9	2,5	3,25	3,35	4,90
EER	W		2,79	2,77	2,71	2,84	2,98
COP	W		3,16	3,20	2,89	3,40	3,10
Energy Classification			D	D	D	C	D
Voltage: 50 Hz	V/ f		230/I	230/I	400/III	400/III	400/III
Compressor	Type		Rotary	Scroll	Scroll	Scroll	Scroll
Current	Cool	A	8,8	12,2	5,5	6,5	8,2
	Heat	A	8,8	11	5,5	5,8	8,6
Air flow	Indoor Unit	m ³ /h	860/760	1.050/900	1.600/1420	1.600/1.420	1.600/1.420
	Outdoor Unit	m ³ /h	2.400	3.000	5.000	5.000	5.000
Sound level	Indoor Unit	dB (A)	43/40	43/40	47/44	47/44	47/44
	Outdoor Unit	dB (A)	48	55	57	57	58
Ø Coupling pipe size	Liquid		1/4"	3/8"	1/2"	1/2"	1/2"
	Gas		1/2"	5/8"	3/4"	3/4"	3/4"
Refrigeration pipework	Max. Vertical (m)		20	20	20	20	20
	total Vertical + Horizontal (m)		30	30	30	30	30

PHYSICAL DATA

Dimensions	Indoor Unit	H x L x D (mm)	254x580x580	240x840x840	310x840x840	310x840x840	310x840x840
	Diffuser panel	H x L x D (mm)	30x650x650	40x950x950	40x950x950	40x950x950	40x950x950
	Outdoor Unit	H x L x D (mm)	695x845x335	860x895x330	960x990x360	960x990x360	1245x940x360
Net weight	Indoor Unit	kg	21	36	40	40	40
	Outdoor Unit	kg	55	79	101	101	110

OPERATING LIMITS

Cooling mode	Max - Min °C	43 - (-7)	43 - (-7)	43 - (-7)	43 - (-7)	43 - (-7)
Heating mode	Max - Min °C	24 - (-7)	24 - (-7)	24 - (-7)	24 - (-7)	24 - (-7)

Authorised dealer:

Ref.: LE - 050305
(Subject to changes without previous warning)



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