



DUCTED SPLIT SYSTEMS  
*With Scroll compressors*





### TOTAL COMFORT ON WIDE AREAS

The Ducted Blower Split Systems for light commercial applications of DXD-M/K series are the ideal solution for keeping the best comfort level in large-sized areas as offices, shops, hotels or education facilities.

The CLINT range of Ducted Blower Split Systems covers the cooling capacities **from 75.000 to 600.000 BTU/h.**



*Scroll Compressors*



*R410A Refrigerant*



## THE KEY BENEFITS

### **Built-in solution.**

The units are designed for ductable systems, thus allowing to be totally hidden on service rooms, to provide the perfect comfort without compromising on the building architecture and design, nor occupying any service space.



*Built-in Solution*

### **Even air distribution.**

The ducts ensure an even distribution of conditioned air to every corner of the room. Multiple areas can be conditioned simultaneously just with one indoor unit. Cooling capacities reach up to 600.000 BTU/h, satisfying the demands of wide areas.



*Even Air Distribution*

### **Silent operation.**

The range is characterized by low-noise operation of both internal units and external units, thanks to the high level acoustic insulation.



*Silent Operation*

## THE KEY BENEFITS

### **Soft touch controller.**

On a stylish soft-touch design, the wired controller offers a wide range of control features, including self diagnosis error management and 7 days / 24 hours programming and more.

### **Long piping.**

The extra long piping allows to build the ideal installation without constraints. On bigger units max piping length is 50 mt, max height is 30 mt.



*Controller for mono-circuit units*



*Controller for multi-circuit units*

## THE RANGE

The systems are composed of one indoor unit and up to four outdoor units and are available in both versions Cooling only and Reversible Heat Pump.

### DXD-M/K 75÷600

75.000 - 600.000 BTU/h



INDOOR UNIT



### Ducted Blower

Cooling only and Reversible Heat Pump



(1x; 2x; 3x; 4x)

OUTDOOR UNIT



Scroll Compressor



Axial Fans



## DXD-M/K 75÷600

Ducted Blower Split Systems



Scroll Compressors



Axial Fans

DXD-M/K		75	100	125	150	
INDOOR UNIT		1 x 75 INU	1 x 100 INU	1 x 125 INU	1 x 150 INU	
OUTDOOR UNIT		1 x 75 OTU	1 x 100 OTU	1 x 125 OTU	1 x 150 OTU	
Cooling	Cooling capacity (1)	BTU/h	75000	100000	125000	150000
		TON	6.3	8.3	10.4	12.5
	kW	22.0	29.3	36.6	43.9	
	Absorbed power (1)	kW	8.9	11.4	14.1	16.7
Heating	Heating capacity (2)	BTU/h	78200	104000	129700	155800
		TON	6.5	8.7	10.8	13.0
	kW	22.9	30.5	38.0	45.6	
	Absorbed power (2)	kW	7.4	9.6	12.8	14.6

### INDOOR UNIT

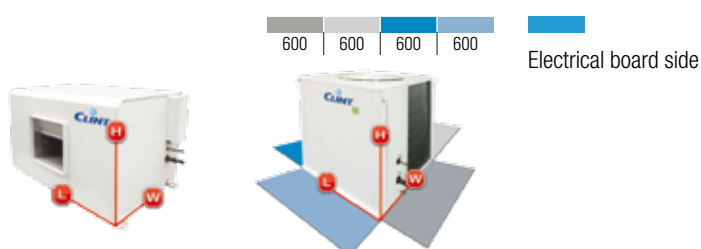
Max air flow	cfm	2500	2800	4100	4400
	m <sup>3</sup> /s	1.2	1.3	1.9	2.1
Available static pressure	in WG	0.60	0.60	0.60	0.60
	Pa	150	150	150	150
Max sound pressure (3)	dB(A)	56	57	58	59

### OUTDOOR UNIT

Compressors	n°	1	1	1	1
	type	Scroll	Scroll	Scroll	Scroll
Sound pressure (4)	dB(A)	57	57	58	58
Max piping length	Max distance OTU-INU (5)	m	50	50	50
	Max height OTU-INU (5)	m	30	30	30

DIMENSIONS		75	100	125	150
INDOOR UNIT		1 x 75 INU	1 x 100 INU	1 x 125 INU	1 x 150 INU
L	mm	1580	1880	1575	1575
W	mm	765	765	985	985
H	mm	430	430	870	870
OUTDOOR UNIT		1 x 75 OTU	1 x 100 OTU	1 x 125 OTU	1 x 150 OTU
L	mm	965	965	965	1130
W	mm	975	975	975	1110
H	mm	950	950	950	950

### CLEARANCE AREA (mm)



### NOTES

- Indoor air temperature 27°C d.b. / 19°C w.b., outdoor air temperature 35°C d.b.
- Indoor air temperature 20°C w.b., outdoor air temperature 7°C d.b. / 6°C w.b.
- Sound pressure level measured at a distance of 1 m from the unit with reverberation time 0,5 s.
- Sound pressure level measured in free field conditions at 1 m from the unit. According to ISO 3744.
- Maximum lengths reachable with proper piping diameter and siphons.



Scroll Compressors



Axial Fans

DXD-M/K			200	250	300	350	400	450	500	600
INDOOR UNIT			1 x 200 INU	1 x 250 INU	1 x 300 INU	1 x 350 INU	1 x 400 INU	1 x 450 INU	1 x 500 INU	1 x 600 INU
OUTDOOR UNIT			2 x 100 OTU	2 x 125 OTU	2 x 150 OTU	2 x 125 OTU 1 x 100 OTU	4 x 100 OTU	3 x 150 OTU	4 x 125 OTU	4 x 150 OTU
Cooling	Cooling capacity (1)	BTU/h	200000	250000	300000	350000	400000	450000	500000	600000
		TON	16.7	20.8	25.0	29.1	33.3	37.5	41.7	50.0
	kW	58.6	73.2	87.9	103	117	132	147	176	
Heating	Heating capacity (2)	kW	23.3	28.9	35.9	43.6	45.7	52.9	62.9	67.6
		BTU/h	207600	259500	311400	363300	415200	467100	519000	622800
	TON	17.3	21.6	25.9	30.2	34.6	38.9	43.2	51.9	
		kW	60.8	76.0	91.2	106	122	137	152	182
		kW	19.0	23.5	29.3	35.6	37.3	43.1	51.2	55.1

### INDOOR UNIT

Max air flow	cfm	6400	7800	9000	10500	12000	13500	14600	17600
	m <sup>3</sup> /s	3.0	3.7	4.2	5.0	5.7	6.4	6.9	8.3
Available static pressure	in WG	0.60	0.80	0.80	0.80	0.80	1.00	1.00	1.20
	Pa	150	200	200	200	200	250	250	300
Max sound pressure (3)	dB(A)	60	62	65	65	66	67	68	68

### OUTDOOR UNIT

Compressors	n°	1	1	1	1	1	1	1	1
	type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Sound pressure (4)	dB(A)	57	57	58	57	57	58	57	58
Max piping length	Max distance OTU-INU (5)	m	50	50	50	50	50	50	50
	Max height OTU-INU (5)	m	30	30	30	30	30	30	30

DIMENSIONS		200	250	300	350	400	450	500	600
INDOOR UNIT		1 x 200 INU	1 x 250 INU	1 x 300 INU	1 x 350 INU	1 x 400 INU	1 x 450 INU	1 x 500 INU	1 x 600 INU
L	mm	1905	1905	1905	1905	2420	2420	2420	2440
W	mm	985	1240	1240	1240	1520	1520	1520	1820
H	mm	870	1165	1165	1385	1385	1385	1385	1770
OUTDOOR UNIT		2 x 100 OTU	2 x 125 OTU	2 x 150 OTU	2 x 125 OTU	4 x 100 OTU	3 x 150 OTU	4 x 125 OTU	4 x 150 OTU
L	mm	965	965	1130	965	965	1130	965	1130
W	mm	975	975	1110	975	975	1110	975	1110
H	mm	950	950	1000	950	950	1000	950	1000

### CLEARANCE AREA (mm)



Electrical board side

### NOTES

- Indoor air temperature 27°C d.b. / 19°C w.b., outdoor air temperature 35°C d.b.
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