

TROPICAL LINE



DUCTED SPLIT SYSTEMS
With Scroll compressors




CLINT
INTERNATIONAL

TOTAL COMFORT ON WIDE AREAS

The Ducted Blower Split Systems for light commercial applications of DXDXT-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 84.000 to 660.000 BTU/h.**

The range is available with **50 or 60 Hz frequency** and ensures the perfect functioning even on regions with high ambient temperature, being able to work **up to 52 °C external air temperature.**



Scroll Compressors



R410A Refrigerant



TOTAL COMFORT WORLDWIDE

The range is available with **50 or 60 Hz frequency** and ensures the perfect functioning even on regions with high ambient temperature, being able to work **up to 52 °C external air temperature**.



*For High Temperature
Regions*



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 660.000 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. All models are available in both versions Cooling only and Reversible Heat Pump. The range is available with **50 or 60 Hz frequency** and is dedicated to high ambient temperature regions **up to 52 °C**.

DXDXT-M/K 85÷660 - DXDXT-M/SZ/K 85÷660

85.000 - 660.000 BTU/h 50 Hz

84.000 - 645.000 BTU/h 60 Hz



INDOOR UNIT



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

Ducted Blower
Cooling only and Reversible Heat Pump



Scroll Compressor



Axial Fans



For High Temperature Regions



DXDXT-M/K 85÷660

Ducted Blower Split Systems

50 Hz



Scroll Compressors



Axial Fans



For High Temperature Regions

DXDXT-M/K			85	110	140	165
INDOOR UNIT			1 x 75 INU	1 x 100 INU	1 x 125 INU	1 x 150 INU
OUTDOOR UNIT			1 x 85 OTU	1 x 110 OTU	1 x 140 OTU	1 x 165 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	11.2	14.1	17.8	24.4
		BTU/h	85000	110000	140000	165000
		TON	7.1	9.2	11.5	13.7
	Absorbed power (2)	kW	24.9	32.5	40.6	48.3
		kW	9.4	11.8	14.9	20.5
		Heating	Heating capacity (3)	BTU/h	78200	104000
TON	6.5			8.7	10.8	13.0
kW	22.9			30.5	38.0	45.6
Absorbed power (3)	kW		8.7	11.5	14.5	20.5

INDOOR UNIT

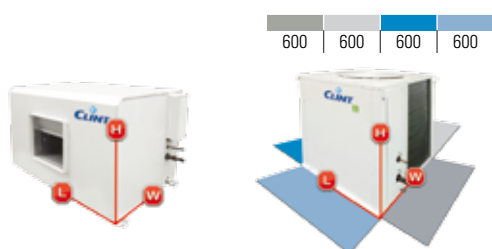
Max air flow	cfm	2500	2800	4100	4400
	m³/s	1.2	1.3	1.9	2.1
Available static pressure	in WG	0.60	0.60	0.60	0.60
	Pa	150	150	150	150
Max sound pressure (4)	dB(A)	56	57	58	59

OUTDOOR UNIT

Compressors	n°	1	1	1	1
	type	Scroll	Scroll	Scroll	Scroll
Sound pressure (5)	dB(A)	57	57	58	58
Max piping length	Max distance OTU-INU (6)	m	50	50	50
	Max height OTU-INU (6)	m	30	30	30

DIMENSIONS		85	110	140	165
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 85 OTU	1 x 110 OTU	1 x 140 OTU	1 x 165 OTU
L	mm	965	965	965	1130
W	mm	975	975	975	1110
H	mm	950	950	950	950

CLEARANCE AREA (mm)



Electrical board side

NOTES

- Indoor air temperature 27°C d.b. / 19°C w.b., outdoor air temperature 46°C d.b.
- 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 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.



50 Hz



Scroll Compressors



Axial Fans



For High Temperature Regions

DXDXT-M/K		220	280	330	390	440	495	560	660
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 110 OTU	2 x 140 OTU	2 x 165 OTU	2 x 140 OTU 1 x 110 OTU	4 x 110 OTU	3 x 165 OTU	4 x 140 OTU	4 x 165 OTU
Cooling	Cooling capacity (1)	BTU/h	200000	250000	300000	350000	400000	450000	500000
		TON	16.7	20.8	25.0	29.3	33.3	37.5	41.8
		kW	58.6	73.2	87.9	103	117	132	147
	Absorbed power (1)	kW	28.8	36.4	51.5	53.9	56.7	76.2	79.9
		BTU/h	220000	280000	330000	390000	440000	495000	560000
		TON	18.3	23.3	27.5	32.5	36.7	41.2	46.6
Heating	Cooling capacity (2)	kW	64.4	82.0	96.7	114	129	145	164
		kW	24.1	30.5	43.1	45.2	47.5	63.8	65.3
		BTU/h	207600	259500	311400	363300	415200	467100	519000
	Heating capacity (3)	TON	17.3	21.6	25.9	30.1	34.7	39.0	43.2
		kW	60.8	76.0	91.2	106	122	137	152
		kW	23.5	29.6	42.0	43.9	46.2	62.1	63.5

INDOOR UNIT

Max air flow	cfm	6400	7800	9000	10500	12000	13500	14600	17600
	m³/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 (4)	dB(A)	60	62	65	65	66	67	68	68

OUTDOOR UNIT

Compressors		n°	1	1	1	1	1	1	1
Sound pressure (5)		type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
		dB(A)	57	57	58	57	57-56	58	58
Max piping length	Max distance OTU-INU (6)	m	50	50	50	50	50	50	50
	Max height OTU-INU (6)	m	30	30	30	30	30	30	30

DIMENSIONS		220	280	330	390	440	500	560	660
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 110 OTU	2 x 140 OTU	2 x 165 OTU	2 x 140 OTU 2 x 110 OTU	4 x 110 OTU	3 x 165 OTU	4 x 140 OTU	4 x 165 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 46°C d.b.
- 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 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.



DXDXT-M/SZ/K 85÷660

Ducted Blower Split Systems

60 Hz



Scroll Compressors



Axial Fans



For High Temperature Regions

DXDXT-M/K		85	110	140	165		
INDOOR UNIT		1 x 75 INU	1 x 100 INU	1 x 125 INU	1 x 150 INU		
OUTDOOR UNIT		1 x 85 OTU	1 x 110 OTU	1 x 140 OTU	1 x 165 OTU		
Cooling	Cooling capacity (1)	BTU/h	74000	98000	123000	147000	
		TON	6.2	8.2	10.2	12.3	
		kW	21.7	28.7	36.0	43.1	
	Absorbed power (1)	kW	11.1	14.0	17.6	24.2	
		BTU/h	84000	109000	136000	162000	
		TON	7.0	9.0	11.3	13.5	
	Cooling capacity (2)	kW	24.6	31.8	39.9	47.4	
		Absorbed power (2)	kW	9.3	11.7	14.7	20.3
Heating			Heating capacity (3)	BTU/h	77000	102000	127000
	TON			6.4	8.5	10.6	12.7
	kW	22.6		29.9	37.2	44.8	
	Absorbed power (3)	kW	8.6	11.4	14.4	20.3	

INDOOR UNIT

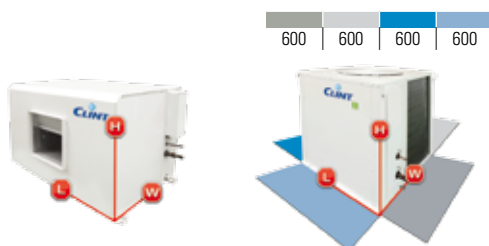
Max air flow	cfm	2500	2800	4100	4400
	m³/s	1.2	1.3	1.9	2.1
Available static pressure	in WG	0.6	0.6	0.6	0.6
	Pa	150	150	150	150
Max sound pressure (4)	dB(A)	56	57	58	59

OUTDOOR UNIT

Compressors	n°	1	1	1	1
	type	Scroll	Scroll	Scroll	Scroll
Sound pressure (5)	dB(A)	57	57	58	58
Max piping length	Max distance OTU-INU (6)	m	50	50	50
	Max height OTU-INU (6)	m	30	30	30

DIMENSIONS		85	110	140	165
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 85 OTU	1 x 110 OTU	1 x 140 OTU	1 x 165 OTU
L	mm	965	965	965	1130
W	mm	975	975	975	1110
H	mm	950	950	950	950

CLEARANCE AREA (mm)



Electrical board side

NOTES

- Indoor air temperature 27°C d.b. / 19°C w.b., outdoor air temperature 46°C d.b.
- 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 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.



60 Hz



Scroll Compressors



Axial Fans



For High Temperature Regions

DXDXT-M/K		220	280	330	390	440	495	560	660
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 110 OTU	2 x 140 OTU	2 x 165 OTU	2 x 140 OTU 1 x 110 OTU	4 x 110 OTU	3 x 165 OTU	4 x 140 OTU	4 x 165 OTU
Cooling	Cooling capacity (1)	BTU/h	196000	245000	294000	343000	392000	441000	588000
		TON	16.3	20.4	24.5	28.4	32.7	36.7	48.9
		kW	57.4	71.8	86.1	100	115	129	172
	Absorbed power (1)	kW	28.5	36.0	51.0	53.4	56.1	75.4	97.7
		BTU/h	215000	274000	323000	379000	434000	485000	645000
		TON	17.9	22.9	26.9	31.6	36.1	40.4	53.7
Heating	Cooling capacity (2)	kW	63.1	80.4	94.7	111	127	142	189
		kW	23.8	30.2	42.7	44.8	47.0	63.1	81.9
		BTU/h	203000	254000	305000	356000	407000	458000	610000
	Heating capacity (3)	TON	16.9	21.2	25.4	29.6	33.8	42.4	50.9
		kW	59.5	74.4	89.3	104	119	134	149
		kW	23.3	29.3	41.6	43.5	45.7	61.5	79.6

INDOOR UNIT

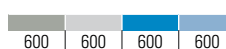
Max air flow	cfm	6400	7800	9000	10500	12000	13500	14600	17600
	m³/s	3.0	3.7	4.2	5.0	5.7	6.4	6.9	8.3
Available static pressure	in WG	0.6	0.8	0.8	0.8	0.8	1.0	1.0	1.2
	Pa	150	200	200	200	200	250	250	300
Max sound pressure (4)	dB(A)	60	62	65	65	66	67	68	68

OUTDOOR UNIT

Compressors		n°	1	1	1	1	1	1	1
		type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Sound pressure (5)		dB(A)	57	57	58	57	57-56	58	58
Max piping lenght	Max distance OTU-INU (6)	m	50	50	50	50	50	50	50
	Max height OTU-INU (6)	m	30	30	30	30	30	30	30

DIMENSIONS		220	280	330	390	440	500	560	660
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 110 OTU	2 x 140 OTU	2 x 165 OTU	2 x 140 OTU 2 x 110 OTU	4 x 110 OTU	3 x 165 OTU	4 x 140 OTU	4 x 165 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 46°C d.b.
- 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 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 lenghts reachable with proper piping diameter and siphons.