

Climate 5000 L split duct unit

Our Climate 5000 Large split duct has a slim and compact design which enables easy installation in challenging locations and ceiling spaces.

Flexibility

Our slim design combined with a rear or bottom positioned air inlet can match different applications, even in the tightest space. Our large split duct units can be connected to BMS systems: Modbus RTU, Bacnet, KNX and Airzone motorised plenums. The units are also compatible with third party components such as Intesis gateways - please note we do not supply third party components, please contact your local Intesis dealer directly.

At a glance

- ▶ Drain pump included
- ▶ Wired controller and remote controller included
- ▶ Alarm output terminal
- ▶ Remote on/off terminal
- ▶ Turbo mode for rapid heating and cooling.

High Performance

Climate 5000 Large split duct units have an external static pressure up to 160Pa, depending on the model. The built-in drain pump can pump the water from condensation up to 750mm.

Breathe in clean air

The air conditioning units are easy to install, quiet when in operation and has a purifying filter that eliminates up to 95% of dust particles, smoke, odour and pollen providing you with cleaner air.



Product data Climate 5000 L split duct unit



Technical data		CL5000iL Set 35 DE 7 733 701 914	CL5000iL Set 53 DE 7 733 701 915	CL5000iL Set 70 DE 7 733 701 916	CL5000iL Set 88 DE 7 733 701 917	
Outdoor unit		CL5000L 35 E 7 733 701 869	CL5000L 53 E 7 733 701 870	CL5000L 70 E 7 733 701 871	CL5000L 88 E 7 733 701 872	
Indoor unit		CL5000iU D 35 E 7 733 701 888	CL5000iU D 53 E 7 733 701 889	CL5000iU D 70 E 7 733 701 890	CL5000iL D 88 E 7 733 701 891	
Cooling	Nominal capacity (min - max)	kW	3.52 (0.53 - 3.99)	5.28 (2.55 - 5.86)	7.03 (3.28 - 8.16)	8.79 (2.23 - 9.85)
	Nominal power consumption (min-max)	W	1053 (155 - 1373)	1530 (710 - 2150)	2190 (750 - 2960)	2500 (190 - 3050)
	Nominal operating current (min-max)	A	4.75 (1.3 - 6.09)	7.1 (3.2 - 9.56)	10.2 (4.2 - 13.2)	11.0 (2.0 - 13.5)
	SEER	W/W	6.3	6.5	6.2	6.5
	Energy efficiency class		A++	A++	A++	A++
	Ambient operating temperature	°C	-15-50	-15-50	-15-50	-15-50
Heating	Nominal capacity (min - max)	kW	3.81 (1.00 - 4.39)	5.57 (2.20 - 6.15)	7.62 (2.81 - 8.49)	9.38 (2.70 - 10.02)
	Nominal power consumption (min-max)	W	1038 (302 - 1390)	1510 (740 - 1760)	1900 (640 - 2580)	2250 (430 - 2450)
	Nominal operating current (min-max)	A	4.52 (1.48 - 6.15)	6.8 (3.3 - 7.7)	9.2 (3.8 - 11.6)	10.0 (3.0 - 10.7)
	SCOP (average climate, -7°C)	W/W	4.0	4.0	4.0	4.0
	Energy efficiency class (average climate, -7°C)		A+	A+	A+	A+
	Ambient operating temperature	°C	-15-24	-15-24	-15-24	-15-24
Outdoor Unit	Power supply	V-Ph-Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
	Max. operating current	A	9	13.5	19	20
	Max. power consumption	W	1850	2950	3700	4500
	Airflow	m3/h	2200	2100	3500	3800
	Sound pressure level	dB(A)	53.6	56	60	62
	Sound power level	dB(A)	62	65	69	70
	Dimensions (W x D x H)	mm	765x303x555	805x330x554	890x342x673	946x410x810
	Package dimensions (W x D x H)	mm	887x337x610	915x370x615	995x398x740	1090x500x875
Weight (Net/Gross)	Kg	26.6/29	32.5/35.2	43.9/46.9	52.8/57.3	
Indoor Unit	Power supply	V-Ph-Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
	Airflow (high/medium/low)	m3/h	600/480/300	911/706/515	1229/1035/825.1	2100/1800/1500
	External static pressure (rated)	Pa	25	25	25	37
	External static pressure (range)	Pa	0-60	0-100	0-160	0-160
	Sound pressure level (high/medium/low)	dB(A)	34.5/32/30/28	42/39/35/29	49/46/41/33	50.5/48/46/41
	Sound power level	dB(A)	58	58	62	64
	Dimensions (W x D x H)	mm	700x506x200	880x674x210	1100x774x249	1360x774x249
	Package dimensions (W x D x H)	mm	1070x540x275	1070x725x270	1305x805x305	1570x805x320
Net/Gross weight	kg	17.8/21.5	24.4/29.6	32.3/39.1	40.5/48.3	
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Charged quantity	Kg	0.72	1.15	1.5	2
Refrigerant Piping	Liquid side / gas side	mm (inch)	Φ6.35/Φ9.52 (1/4" / 3/8")	Φ6.35/Φ12.7 (1/4" / 1/2")	Φ9.52/Φ15.9 (3/8" / 5/8")	Φ9.52/Φ15.9 (3/8" / 5/8")
	Max. refrigerant pipe length	m	25	30	50	50
	Max. difference in height	m	10	20	25	25
	Drainage water pipe dia.	mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
	Max. length with pre-charged refrigerant	m	5.0	5.0	5.0	5.0

Nominal values were measured according to EN14511.
The data of SEER and SCOP are based in accordance with the measurement standard EN14825.

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Technical data		CL5000iL Set 105 DE 7 733 701 918	CL5000iL Set 125 DE 7 733 701 927	CL5000iL Set 140 DE-3 7 733 701 928	CL5000iL Set 160 DE-3 7 733 701 929
Outdoor unit		CL5000L 105 E 7 733 701 873	CL5000L 125 E 7 733 701 875	CL5000L 140 E-3 7 733 701 876	CL5000L 160 E-3 7 733 701 877
Indoor unit		CL5000iU D 105 E 7 733 701 892	CL5000iU D 125 E 7 733 701 893	CL5000iU D 140 E-3 7 733 701 894	CL5000iL D 160 E-3 7 733 701 895
Cooling	Nominal capacity (min - max)	kW10.55 (2.75~11.14)	12.02 (2.93~12.31)	14.07 (3.52~15.53)	15.24 (4.10~17.29)
	Nominal power consumption (min-max)	W3950 (900~4150)	4200 (680~4500)	4800 (880~6000)	5250 (1030~6650)
	Nominal operating current (min-max)	A17.5 (4.2~18.5)	18.8 (3.1~19.8)	8.4 (1.9~10.4)	9.6 (3.1~11.5)
	SEER	W/W6.2	6.1	6.1	6.1
	Energy efficiency class	A++	-	-	-
	Ambient operating temperature	°C-15~50	-15~50	-15~50	-15~50
Heating	Nominal capacity (min - max)	kW11.72 (2.78~12.78)	13.48 (3.37~14.07)	16.12 (4.10~18.17)	18.17 (4.40~20.52)
	Nominal power consumption (min-max)	W3250 (800~3950)	3450 (750~4100)	4500 (950~5700)	5150 (950~6600)
	Nominal operating current (min-max)	A14.5 (3.5~17.5)	15.5 (3.4~18.3)	8.0 (2.0~9.8)	9.5 (2~11.5)
	SCOP (average climate, -7°C)	W/W4.0	4.0	3.8	4.0
	Energy efficiency class (average climate, -7°C)	A+	-	-	-
	Ambient operating temperature	°C-15~24	-15~24	-15~24	-15~24
Outdoor Unit	Power supply	V-Ph-Hz220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	380-415V,3Ph, 50Hz	380-415V,3Ph, 50Hz
	Max. operating current	A22.5	22.5	13	14
	Max. power consumption	W5000	5000	6900	7500
	Airflow	m3/h4000	4000	7500	7500
	Sound pressure level	dB(A)63	63	63.5	64
	Sound power level	dB(A)70	72	74	75
	Dimensions (W x D x H)	mm946x410x810	946x410x810	952x415x1333	952x415x1333
Indoor Unit	Package dimensions (W x D x H)	mm1090x500x875	1090x500x875	1095x495x1460	1095x495x1460
	Weight (Net/Gross)	Kg66.9/71.5	71.0/75.0	103.7/118.3	107.0/121.2
	Power supply	V-Ph-Hz220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
	Airflow (high/medium/low)	m3/h2100/1800/1500	2400/2040/1680	2400/2040/1680	2600/2210/1820
	External static pressure (rated)	Pa37	50	50	50
	External static pressure (range)	Pa0-160	0-160	0-160	0-160
	Sound pressure level (high/medium/low)	dB(A)50/48/46/42	51.5/49/48/44	51.5/49/47/41	52.5/49/47/40
Refrigerant	Sound power level	dB(A)61	67	66	66
	Dimensions (W x D x H)	mm1360x774x249	1200x874x300	1200x874x300	1200x874x300
	Package dimensions (W x D x H)	mm1570x805x320	1405x915x355	1405x915x355	1405x915x355
	Net/Gross weight	kg40.5/48.2	47.6/55.8	47.6/55.8	47.4/56.1
	Type	R32	R32	R32	R32
	GWP	675	675	675	675
	Charged quantity	Kg2.4	2.8	2.9	3.0
Refrigerant Piping	Liquid side / gas side	mm (inch)Φ9.52/Φ15.9 (3/8" / 5/8")	Φ9.52/Φ15.9 (3/8" / 5/8")	Φ9.52/Φ15.9 (3/8" / 5/8")	Φ9.52/Φ15.9 (3/8" / 5/8")
	Max. refrigerant pipe length	m75	75	75	75
	Max. difference in height	m30	30	30	30
	Drainage water pipe dia.	mmODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
	Max. length with pre-charged refrigerant	m5.0	5.0	5.0	5.0

Nominal values were measured according to EN14511.
The data of SEER and SCOP are based in accordance with the measurement standard EN14825.

