

Twin system: transforms the commercial range into a Dual air conditioner



TWIN SYSTEM:

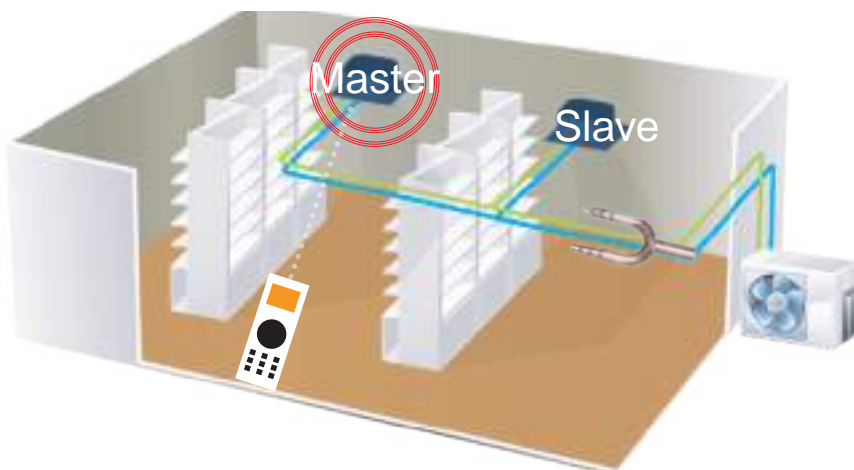
In the new Twin system, some outdoor units can be connected to two indoor units having the same capacity between them by means of a particular connection that can be purchased separately. Only the cassette, duct and ceiling-floor indoor units can be converted into a Twin system.

The control system allows operation of the two units

in perfect "tandem".

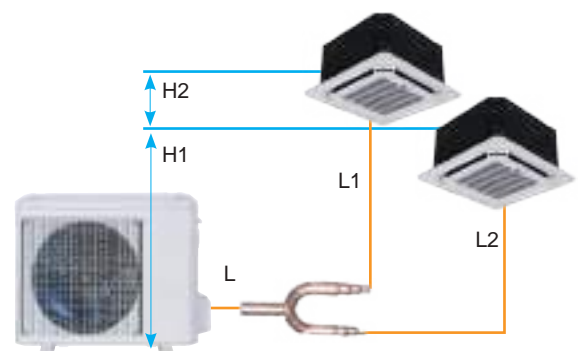
The secondary unit (slave) will operate in the same state as the main unit: working mode, set temperature, fan speed will be the same.

The power delivered by the two indoor units is bound by the power delivered by the associated outdoor unit. When the main unit stops, the slave unit will also stop.



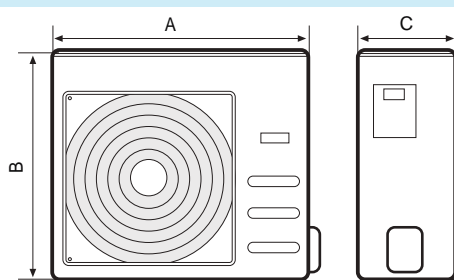
Combinations	Indoor unit	Outdoor unit
	25+ 25	50
	38 + 38	60

Length pipes	Total length of pipes	25+25	65	L+MAX (L1, L2)
		38+38	65	
	Farthest distance from the branch of the line pipe		15	L1, L2
	Farthest distance from the branch of the line pipe		10	L1-L2
	Difference in height between indoor unit and outdoor unit		20	H1
Difference in altitude	Difference in height between two indoor units		0,5	H2

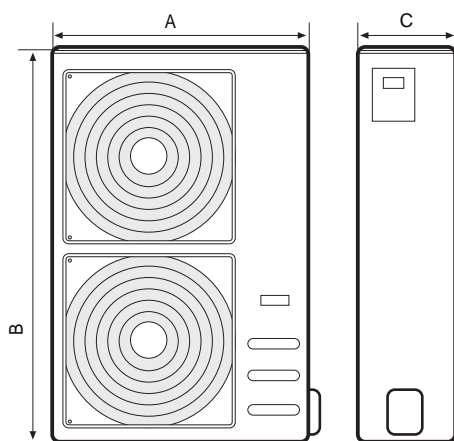


COMMERCIAL LINE - OUTDOOR UNIT INVERTER

Split system air conditioners



	A	B	C	
	mm	mm	mm	kg
O.U. 12 INVERTER	800	554	333	34,7
O.U. 20 INVERTER	800	554	333	33,7
O.U. 25 INVERTER	845	702	363	66,8
O.U. 38M INVERTER	946	810	410	66,8
O.U. 38T INVERTER	946	810	410	66,8



	A	B	C	
	mm	mm	mm	kg
O.U. 50 INVERTER	952	1.333	415	106
O.U. 60 INVERTER	952	1.333	410	111



MODELLO		POTENZA FRIGORIFERA kW	POTENZA TERMICA kW	€
OUTDOOR UNIT 12 DC INVERTER U.E.	cod. 63000016	3,5 (0,6÷4,4)	4,1 (0,6÷5,1)	1.040,00
OUTDOOR UNIT 20 DC INVERTER U.E.	cod. 63000018	5,2 (1,2÷6,1)	5,5 (1,7÷7,0)	1.450,00
OUTDOOR UNIT 25 DC INVERTER U.E.	cod. 63000020	7,0 (2,2÷8,2)	7,6 (2,4÷8,6)	1.840,00
OUTDOOR UNIT 38M FASE DC INVERTER U.E.	cod. 63000022	10,5 (2,6÷12,0)	11,1 (2,9÷13,1)	3.200,00
OUTDOOR UNIT 38T FASE DC INVERTER U.E.	cod. 63000023	10,5 (2,6÷12,0)	11,1 (2,9÷13,1)	3.120,00
OUTDOOR UNIT 50 DC INVERTER U.E.	cod. 63000025	14,0 (4,2÷15,2)	16,1 (3,7÷18,0)	3.680,00
OUTDOOR UNIT 60 DC INVERTER U.E.	cod. 63000027	15,4 (5,8÷17,2)	18,2 (4,6÷20,5)	4.240,00

TECHNICAL DATA	UM	U.E. 12	U.E. 20	U.E. 25	U.E. 38M	U.E. 38T	U.E. 50	U.E. 60
Refrig. Power	kW	3,5 (0,6÷4,4)	5,2 (1,2÷6,1)	7,0 (2,2÷8,2)	10,5 (2,6÷12,0)	10,5 (2,6÷12,0)	14,0 (4,2÷15,2)	15,4 (5,8÷17,2)
Thermal Power	kW	4,1 (0,6÷5,1)	5,5 (1,7÷7,0)	7,6 (2,4÷8,6)	11,1 (2,9÷13,1)	11,1 (2,9÷13,1)	16,1 (3,7÷18,0)	18,2 (4,6÷20,5)
Power supply		230V/1/50Hz	230V/1/50Hz	230V/1/50Hz	230V/1/50Hz	380V/3/50Hz	380V/3/50Hz	380V/3/50Hz
Compressor		Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
Air flow	m³/h	2000	2100	2700	4000	4000	7500	7500
Sound level	dB (A)	55,5	55	62	65	64	66	66
Piping Length	m	≤ 25	≤ 30	≤ 50	≤ 65	≤ 65	≤ 65	≤ 65
Diff. in height Unit	m	≤ 10	≤ 20	≤ 25	≤ 30	≤ 30	≤ 30	≤ 30
Refrigerant quantity	R32/g	870	1150	1500	2400	2400	2800	2950
External temperature*	°C	-15 / +48	-15 / +48	-15 / +48	-15 / +48	-15 / +48	-15 / + 48	-15 / + 48
Gas connections		3/8"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"
Liquid Attacks		1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"

*Value referred to the sum of the external unit + indoor unit absorptions (separate power supplies)

Cooling test conditions: int. 27 °C d.b. / 19.5 °C wb. - Ext. 35 °C d.b. / 24 °C wb.

Heating test conditions: int. 20 °C db. - Ext. 7 °C d.b. / 6 °C wb.