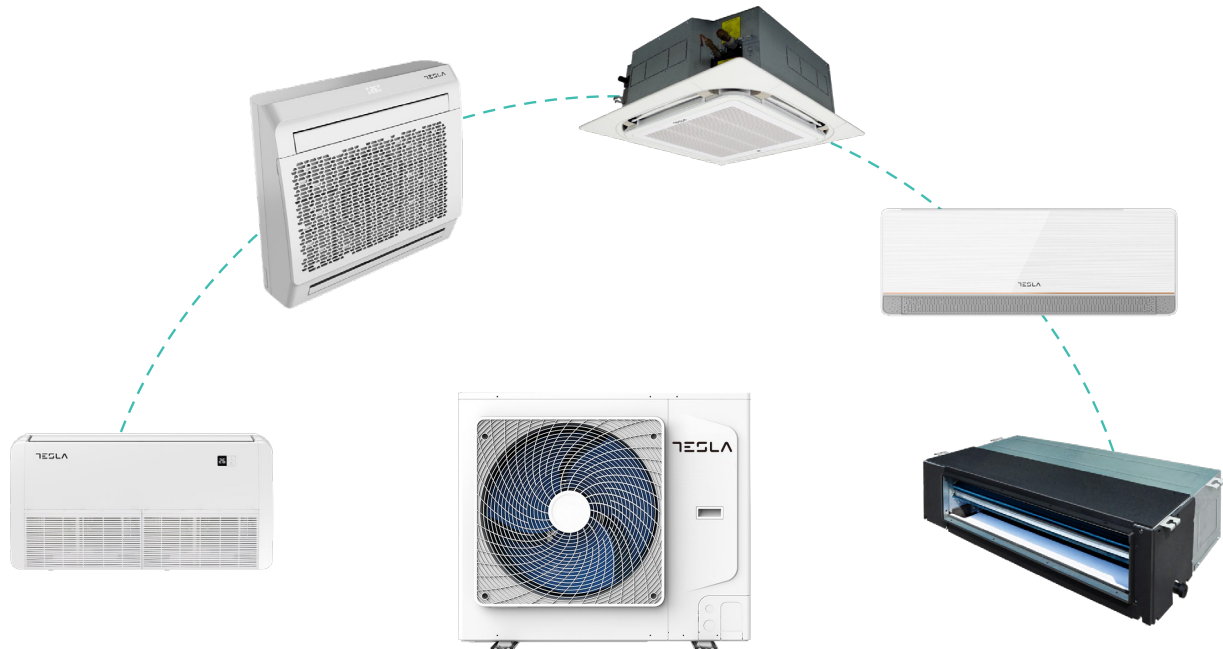


DC INVERTER			Model TA05-42DA1
System Format			1 drive 5
Capacity	Cooling	Btu/h	40944(9451~43332)
		kW	12(2.77~12.7)
	Heating	Btu/h	44356(10100~44800)
		kW	13(2.96~13.1)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1
	Cooling Power Input	W	4450(750~5450)
	Heating Power Input	W	3750(600~4350)
	Rated Current (cooling&heating)	A	19.72/16.62
	Max Current	A	24,5
	Max Power	KW	5,6
Performance	SEER/SCOP	W/W	6.14/4.04(F)
	SEER/SCOP	W/W	6.14/4.04(J)
	SEER/SCOP	W/W	6.14/4.04(H)
	SEER/SCOP	W/W	6.14/4.04(Q)
	SEER/SCOP	W/W	6.14/4.04(M)
	SEER/SCOP	W/W	6.14/4.04(C)
	Energy Rate		A++/A+
	EER/COP	W/W	2.70/3.47
DC Inv.Compressor	Model		KTF310D43UMT
	Quantity		1
	Type		Rotary
	Brand		GMCC
	Capacity	W	10010
	Input	W	2765
	Power Supply	V~,Hz,Ph	220~240,50,1
	Rated Current	A	5,38
	Operating Frequency	Hz	60
	Refrigerant Oil	ml	VG74/1000ml
	Frequency Range		12~120 Hz
Air Flow Volume		CFM	2471
		m³/h	4200
Noise Level	Sound Pressure Noise Level	dB(A)	61
	Sound Power Noise Level	dB(A)	70
Dimension	Net Dimension (WxDxH)	mm	985x395x808
	Packing Dimension (WxDxH)	mm	1105x495x895
Weight	Net	kg	75
	Gross	kg	79
Refrigerant type/Quantity	Type		R32
	Charged Volume	kg	2,3
	Additional Charge	(g/m)	25
Piping	Liquid Side	mm(inch)	5x6.35(1/4)
	Gas Side	mm(inch)	5x9.52(3/8)
	Max. length for all rooms	m	80
	Max. length for one IDU	m	35
	Max. height difference between IDU and ODU	m	15
	Max. height difference between IDUs	m	10
Ambient Temp (Cooling/Heating)		°C	-10~52°C/-15~24°C
Specification of Wiring	Power Wiring (IDU)	mm²	/
	Power Wiring (ODU)	mm²	3x4
	Connection Wiring (IDU & ODU)	mm²	4x1.5
	Signal Wiring (IDU & ODU)	mm²	/

Combination



TA05-42DA1		Suggested Combination						
1 drive 5	One Unit	Two Units		Three Units				
	24	7+7	9+24	7+7+7	7+9+24	9+9+12	9+24+24	18+18+24
	—	7+9	12+12	7+7+9	7+12+12	9+9+18	12+12+12	—
	—	7+12	12+18	7+7+12	7+12+18	9+9+24	12+12+18	—
	—	7+18	12+24	7+7+18	7+12+24	9+12+12	12+12+24	—
	—	7+24	18+18	7+7+24	7+18+18	9+12+18	12+18+18	—
	—	9+9	18+24	7+9+9	7+18+24	9+12+24	12+18+24	—
	—	9+12	24+24	7+9+12	7+24+24	9+18+18	12+24+24	—
	—	9+18	—	7+9+18	9+9+9	9+18+24	18+18+18	—
	Four Units							
	7+7+7+7	7+7+9+24	7+9+9+12	7+12+12+12	9+9+9+18	9+12+12+18	12+12+18+18	—
	7+7+7+9	7+7+12+12	7+9+9+18	7+12+12+18	9+9+9+24	9+12+12+24	—	—
	7+7+7+12	7+7+12+18	7+9+9+24	7+12+12+24	9+9+12+12	9+12+18+18	—	—
	7+7+7+18	7+7+12+24	7+9+12+12	7+12+18+18	9+9+12+18	9+12+18+24	—	—
	7+7+7+24	7+7+18+18	7+9+12+18	7+12+18+24	9+9+12+24	9+18+18+18	—	—
	7+7+9+9	7+7+18+24	7+9+12+24	7+18+18+18	9+9+18+18	12+12+12+12	—	—
	7+7+9+12	7+7+24+24	7+9+18+18	9+9+9+9	9+9+18+24	12+12+12+18	—	—
	7+7+9+18	7+9+9+9	7+9+18+24	9+9+9+12	9+12+12+12	12+12+12+24	—	—
	Five Units							
	7+7+7+7+7	7+7+7+9+18	7+7+9+9+12	7+7+12+12+18	7+9+9+12+18	9+9+9+9+12	9+9+12+12+18	—
	7+7+7+7+9	7+7+7+9+24	7+7+9+9+18	7+7+12+12+24	7+9+9+12+24	9+9+9+9+18	9+12+12+12+12	—
	7+7+7+7+12	7+7+7+12+12	7+7+9+9+24	7+7+12+18+18	7+9+9+18+18	9+9+9+9+24	9+12+12+12+18	—
	7+7+7+7+18	7+7+7+12+18	7+7+9+12+12	7+9+9+9+9	7+9+12+12+12	9+9+9+12+12	12+12+12+12+12	—
	7+7+7+7+24	7+7+7+12+24	7+7+9+12+18	7+9+9+9+12	7+9+12+12+18	9+9+9+12+18	—	—
	7+7+7+9+9	7+7+7+18+18	7+7+9+12+24	7+9+9+9+18	7+12+12+12+12	9+9+9+12+24	—	—
	7+7+7+9+12	7+7+7+18+24	7+7+9+18+18	7+9+9+9+24	7+12+12+12+18	9+9+9+18+18	—	—
	7+7+7+9+18	7+7+9+9+9	7+7+12+12+12	7+9+9+12+12	9+9+9+9+9	9+9+12+12+12	—	—