



Zanco
Air Conditioners

Zanco, Air Of Life

Hvac Product
Duct Split Catalogue
Updated 2025



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Zanco, With Guarantee Of Jahan Tasisat Diaco Pars

About Zanco

Jahan Tasisat Diaco Pars Company Has Been Working In The Field Of Consulting, Design, Sales And After-Sales Services Of Advanced Air Conditioning Systems Since 2008 With The Aim Of Providing Services Higher Than The Common Standards In The Country.

Our Most Important Goal Is To Achieve Complete Customer Satisfaction And Provide Comfort And Convenience In Their Homes And Workplaces.

In A Short Time, We Have Been Able To Make Our Name And This Brand Famous In Iran With American Copeland Compressors Made In Thailand And China. In The Post-Sale Phase, Full Support In All Stages Of Design, Implementation, Installation And Remote Work Service In Short-Term Time Frames Is One Of The Main Duties Of The Technical Department Of This Company.

A Variety Of Cooling And Heating Quality Products Such As Chillers And Mini Chillers, Fan Coils And Duct Splits (Ducted Split Units) Are Part Of Our Wide Product Range.

We Believe That Honest Technical And Specialized Services And Advice Regarding Air Conditioning Systems Distinguish Us From Other Colleagues Active In This Sector. Our Technical And Engineering Consulting Services Are Provided To You In Two Stages Before And After The Sale Of The Equipment. In The Pre-Sale Phase, Our Sales And Technical Engineers Will Guide You In Making Decisions And Choosing The Best Type Of Air Conditioning Systems With Advice And Guidance. Providing Technical And Financial Proposals In The Form Of Engineering Documents And Drawings Is One Of The Free Services Of Jahan Tasisat Diaco Pars Company.


All The Offered Products Of Zanco Brand Have A Warranty Card Approved By The Consumer Rights Protection Organization And Are Subject To After-Sales Service. These Services Are Provided By The Representatives Of This Company In Tehran And Other Cities.


Over The Past Few Years, Customer Orientation And Loyalty To Commitments Have Formed The Foundation Of The Company. We Believe That With The Increasing Expectations And Demands Of Today's Smart Consumers In The Air Conditioning Industry, We Are Always Upgrading The Technical Level Of Our Products And Personnel.

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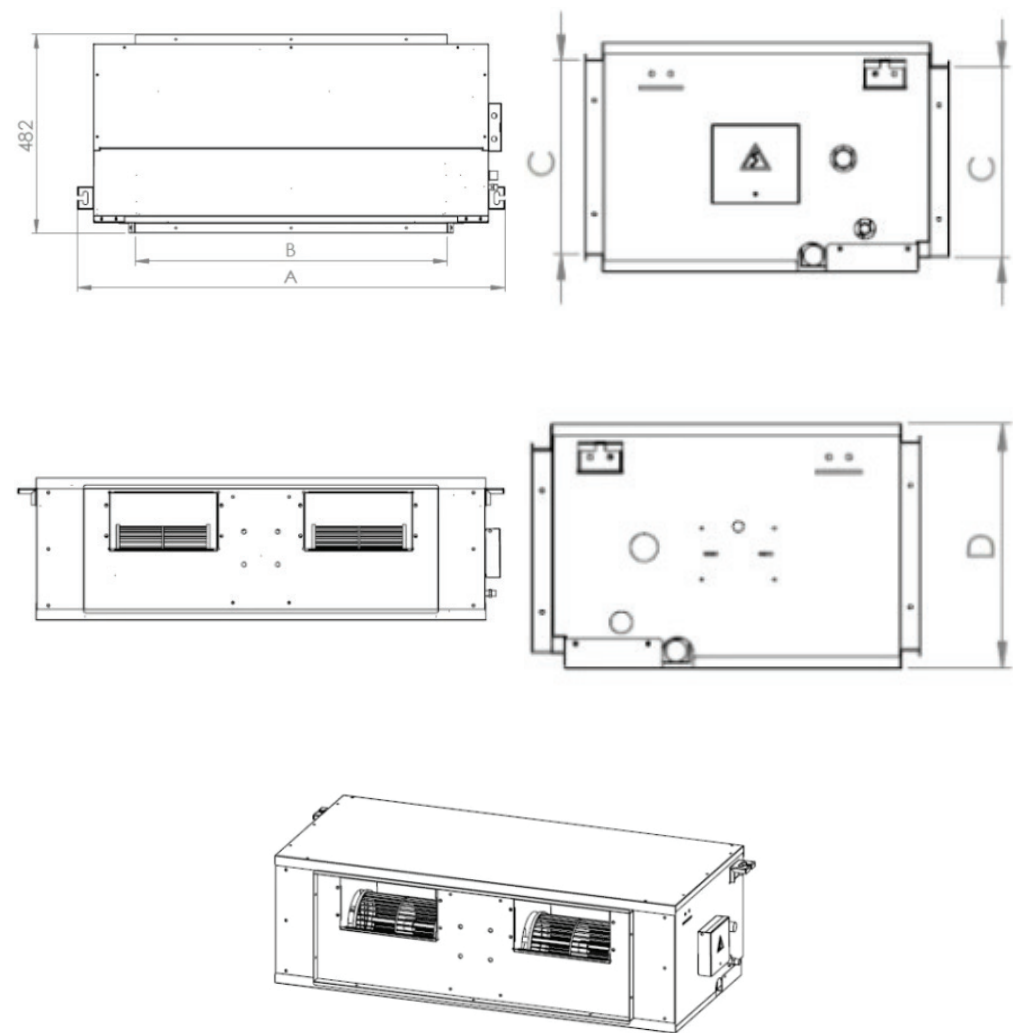
04 Outdoor Unit Duct Split

05 Indoor Unit Duct Split

<div>Duct Split Outdoor Unit Model : Condenser Capacity : 1-5 Ton (Nominal) Compressor : Rotary And Scroll Condenser : Air Cooled Fan : Zilabeg Expansion Valve : Orifice Evaporator Indoor Unit model : DSH Refrigerant : R410a</div>									
UNIT				Duct Split Outdoor Unit					
MODEL				CND24000	CND30000	CND36000	CND42000	CND48000	CND60000
COMPRESSOR	COMPRESSOR		ROTARY OR SCROLL	ZR22	ZR28	ZR36	ZR42	ZR48	ZR61
	NOMINAL CAPACITY	COOLING TOTAL	TON	1.9	2.5	3.0	3.5	4.2	5.1
			BTU/HR	22929	29650	35485	41626	50839	61757
	POWER		KW	1.5	1.86	2.2	2.6	3.25	3.9
	COP		-	3.69	3.9	3.93	3.92	3.8	3.9
	CURRENT		A	7	8.7	10.3	12.7	6	7.7
	VOLTAGE		V	220	220	220	220	380	380
COIL	FACE AREA (SQ,FT)			6.15	7.15	8.2	9.2	12.2	12.2
	FIN ROW/FPI			2/14	2/14	2/14	2/14	2/14	2/14
	LIQUID CONNECTION			3/8	3/8	3/8	3/8	3/8	1/2
	GAS CONNECTION			5/8	5/8	5/8	3/4	3/4	3/4
FAN	POWER SUPPLY (V/HZ)			220	220	220	220	220	220
	INPUT POWER (W)			150	230	230	300	300	460
	MAX RPM			900	900	900	900	900	900
	NO OF FAN			1*45	1*50	1*50	2*45	2*45	2*50
	AIR FLOW RATE (CFM)			2500	3000	3000	5000	5000	6000
BODY	DIMENSION (L*W*H)		Cm	100*35*65	100*35*75	100*35*85	100*35*100	100*35*125	100*35*125
	NET WEIGHT (kg)			70	73	78	80	85	86
PIPING	MAX LENGTH/ELEVATION			50/25	50/25	50/25	50/25	50/25	50/25

Duct Split Indoor Unit Model : WZAI Capacity : 1-5 Ton (Nominal)									
									
UNIT		DUCT SPLIT INDOOR UNIT							
MODEL		WZAI18	WZAI24	WZAI30	WZAI36	WZAI42	WZAI48	WZAI60	
COOLING CAPACITY	Btu/hr	18000	24000	30000	36000	42000	48000	60000	
	Kcal/hr	4540	6500	7560	9070	10580	12090	15110	
	Watts	5280	7030	8790	10550	12300	14060	17570	
HEATING CAPACITY	Btu/hr	43700	52000	67500	79400	91300	103200	127000	
	Kcal/hr	11000	13000	17000	20000	23000	28000	32000	
	Watts	12800	15200	19700	23200	26700	32600	37200	
AIR CIRCULATION (HIGH)	C.F.M.	800	1000	1250	1500	1700	1900	2400	
	C.M.M.	1350	1700	2100	2550	2900	3200	4050	
EXT. STATIC PRESSURE	mmW	75	75	100	100	100	150	150	
	InchW	0.3	0.3	0.4	0.4	0.4	0.6	0.6	
NOISE LEVEL (H/M/L)	dB (A)	39/41/42	40/42/43	42/44/45	43/45/47	44/46/48	45/48/50	48/51/53	
	L/min	17	20	26	30	35	42	48	
	gpm	4.4	5.2	6.8	7.9	9.2	11.1	12.7	
HOT WATER FLOW RATE	mW	0.18	0.20	0.24	0.28	0.37	0.45	0.55	
	V/Ph/Hz	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	
	Watts	50-90	70-120	100-200	120-260	140-290	190-340	280-480	
DIMENSIONS	Amp.	0.4-0.6	0.2-0.9	0.8-1.1	0.9-1.3	1.2-1.5	1.5-1.8	1.8-2.3	
	Length	83	83	89	96	96	110	123	
	Height	31	31	31	31	35	35	35	
WEIGHT	Width	61	61	61	61	65	65	65	
	Kg	38	42	46	48	52	56	62	
PIPE	Liquid	3/8	3/8	3/8	3/8	3/8	3/8	1/2	
	Gas	5/8	5/8	5/8	5/8	3/4	3/4	3/4	
	h.w.In	3/4	3/4	3/4	3/4	1	1	11/4	
	h.w.Out	3/4	3/4	3/4	3/4	1	1	11/4	
	Drain	1/2	1/2	3/4	3/4	3/4	3/4	3/4	

Duct Split Indoor Unit Dimension



Capacity (Btu/Hr)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
18000	880	730	200	310	675
24000	880	730	200	310	675
30000	940	790	220	310	675
36000	1010	830	220	310	675
42000	1010	830	260	350	715
48000	1150	830	260	350	715
60000	1280	900	260	350	715