



اصفهان دما
ISFAHAN DAMA Co.

ZENT



230-1395-10

www.isfahandama.com info@isfahandama.com



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ISFAHANDAMA ZENT units are produced in 8 models with the Specifications.

- Air delivery : 1500 to 22000 CFM
- Heating capacity : 86 to 1459 MBH for hot water .
- Steam coils are optional parts .
- Coils are made of 5/8" copper tubes and aluminum fins .
(1/2" seamless steel pipe as required)
- Efficient cellulose pads in two types are used .
- Suitable for dry warm areas .
- Motor power : 0.55 to 7.5 KW .
- Electrical characteristics : 380 – 3 – 50
(Models IDZ – 020 to IDZ – 050 : 220 – 1 – 50 as required)
- Centrifugal fans are forward Curved statically and dynamically balanced to lower noise level and vibrations.
- Summer and winter dampers are aluminum O.B. types .
- Filters are available as required .



ZENT
Technical Specifications

Model	CFM	Motor KW	Fan Size	4 " PAD		8 " PAD		2 Row Coil		3 Row Coil		Dimensions (mm)			Weight (Kg)	
				Cooling Cap MBH	LDBT °F	Cooling Cap MBH	LDBT °F	Cap. BTU/hr	GPM	Cap. BTU/hr	GPM	W	L	H	Net.	Opr.
IDZ - 020	1500	0.55	280	31.59	75.5	41.8	69.5	86675	10	113678	12	1000	910	1800	210	300
	2000	0.75		42.12		55.73		99886		134142						
	2500	0.75		52.65		69.66		110362		150696						
IDZ - 035	3000	1.1	315	63.18	75.5	83.59	69.5	154813	17	205747	20	1000	980	2000	240	340
	3500	1.1		73.71		97.52		166601		223915						
	4000	1.5		84.24		111.46		176944		239985						
IDZ - 050	4500	2.2	355	94.77	75.5	125.39	69.5	238620	26	319743	34	1265	1300	2200	360	520
	5000	2.2		105.3		139.32		251590		340108						
	5500	2.2		115.83		153.25		263518		358995						
	6000	2.2		126.36		167.18		274540		376574						
IDZ - 075	6500	2.2	450	136.89	75.5	181.1	69.5	375616	40	497980	55	1600	1600	2400	440	690
	7500	3		157.95		208.98		405145		544245						
	8500	3		179.01		236.84		431625		586282						
IDZ - 100	9000	4	500	189.5	75.5	247.86	69.5	518982	55	679608	70	1600	1900	2500	520	750
	10000	4		210.6		275.4		549353		725484						
	11000	4		231.66		302.94		577448		768253						
IDZ - 125	11500	5.5	560	242.19	75.5	320.44	69.5	644878	70	849183	90	1600	1900	2700	640	940
	12500	5.5		263.25		348.3		674328		893913						
	13500	5.5		284.31		376.16		701986		936097						
IDZ - 150	14000	5.5	630	294.84	75.5	390.1	69.5	757637	80	1005732	105	1750	1960	2850	710	1030
	15000	5.5		315.9		417.96		785633		1048655						
	16000	5.5		336.96		445.82		812230		1089562						
	17000	7.5		358.02		473.69		837530		1128692						
IDZ - 200	18000	7.5	710	379.08	75.5	501.55	69.5	980128	105	1294135	135	1900	2260	2850	850	1270
	20000	7.5		421.2		557.28		1036498		1379451						
	22000	7.5		463.32		613.01		1088606		1458870						

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