

سارا ایل
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“Sarayel Nasim”

air conditioning systems



Package unit

Sarayel Nasim Package Unit



Introduction

"Zent" is an air conditioning device which can provide the relatively summer conditioned air by passing fresh air through wet chaff pads. In winter a combination of returned indoor air and fresh air, after passing through a washable aluminum filter, first would be cleaned and then pass over a hot water Heating Coil (or electric or steam coil) and warms. In winter conditioned warm air humidity may increase by different alternatives.

Zent Room

"Zent" would place in a covered area where could be called "Zent Room". The most appropriate place for the "Zent Room" is the center of the building that provides the possibility of entrance of the fresh air through a window and entrance of the returned air through a damper, to "Zent Room". "Zent Room" ought to contain enough space for supply channels and its floor has to be isolated against water and have drainage, and it's better that the walls are acoustic.

"Sarayel Nasim Zents" Advantages:

1. Variety

Vertical and horizontal models are produced, occupy minimum space.

2. Fan Controller

Usage of speed control, decrease the electric consumption cost and uniform working of unit.

3. Elimination of radiators and pipe lines

Decorativeness, save space, decrease repair costs.

4. Adjustable Dampers

Changing the summer system to the winter system and vice versa in the simplest way and the possibility of humidifying the winter's hot air.

5. Washable Aluminum Filters

Clean air; increase the efficiency of heating coil and long lasting unit.

6. Coil is placed inside "Zent"

Less heating loss, more safety

7. Basin Fiberglass Cover

Long lasting life and elimination of bacteria.

8. Very easy Service

No needs of professional repairman

9. Fan

Statically and dynamically balanced fan, low noise and more relaxation

Technical specifications of cooling & heating Zents

Model	Type	Capacity		Chaff		Fan diameter	Dimensions of output span	Electromotor profile			Total static pressure	Dimensions			Connections		Approximate Weight		
		CFM	Btu/hr	Level m	Water evaporation Lit/hr	∅ In	A*B cm	Power HP	RPM	phase V	Ht mm-H ₂ O	Length cm	Width h cm	Height t cm	Hot water Inch	Flutter r	without water Kg		
15-50	A	1500	50000	1.15	6.5	12	34.5×40	1/2	900	220	Single phase	19	90	70	190	1	3/8	180	290
20-70		2000	70000		8.7			3/4				21						182	292
27-75		2700	75000		11.7			3/4				23						185	295
32-85	B	3200	85000	1.6	13	15	40×37.5	3/4	900	220	Single phase	19	110	85	210	1	3/8	220	320
45-140		4500	140000		19.3			1 1/2				23						225	325
60-160		6000	160000		25.8			3				20						230	330
70-190	C	7000	190000	3	30	20	63×63	3	900	220	Single phase	20	172	120	255	1 1/4	1/2	460	660
80-230		8000	230000		34.5			3				25						465	665
90-280		9000	280000		38.5			4				27						470	670
100-320	D	10000	320000	3.5	43	22	67.5×67.5	5 1/2	900	220	Single phase	30	172	120	270	1 1/2	1/2	545	785
120-360		12000	360000		52			5 1/2				31						550	790
140-400		14000	400000		56			7 1/2				35						555	795
160-440	E	16000	440000	4.7	65	25	80×80	2 1/7	900	220	Three phase	35	300	140	195	1 1/2	1/2	645	960
175-470		17500	470000		70			10				40						655	970
190-500		19000	500000		75			10				42						660	975
200-570	F	20000	570000	5.2	80	28	87×87	15	900	220	Three phase	40	330	150	215	1 1/2	3/4	790	1200
215-600		21500	600000		85			15				45						792	1202
200-700		23000	700000		90			15				50						796	1205
240-730	G	24000	730000	6.2	95	30	94×87	15	900	220	Three phase	50	360	150	231	1 1/2	3/4	900	1400
250-750		25000	750000		100			15				55						905	1405
260-800		26000	800000		105			20				60						915	1415

CONTACT US

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