



azar nasim
AIR CONDITIONING COMPANY

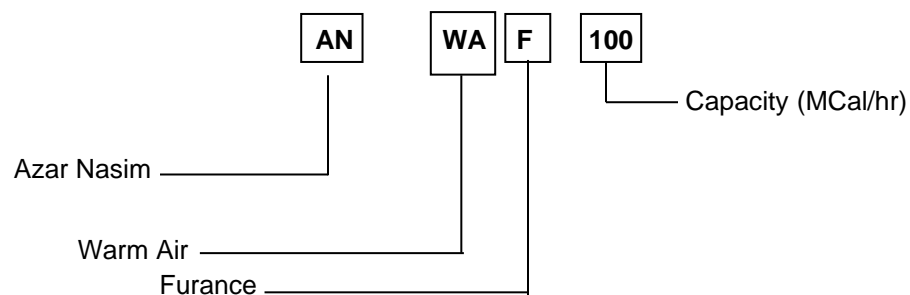
WARM AIR FURNACE



Introduction

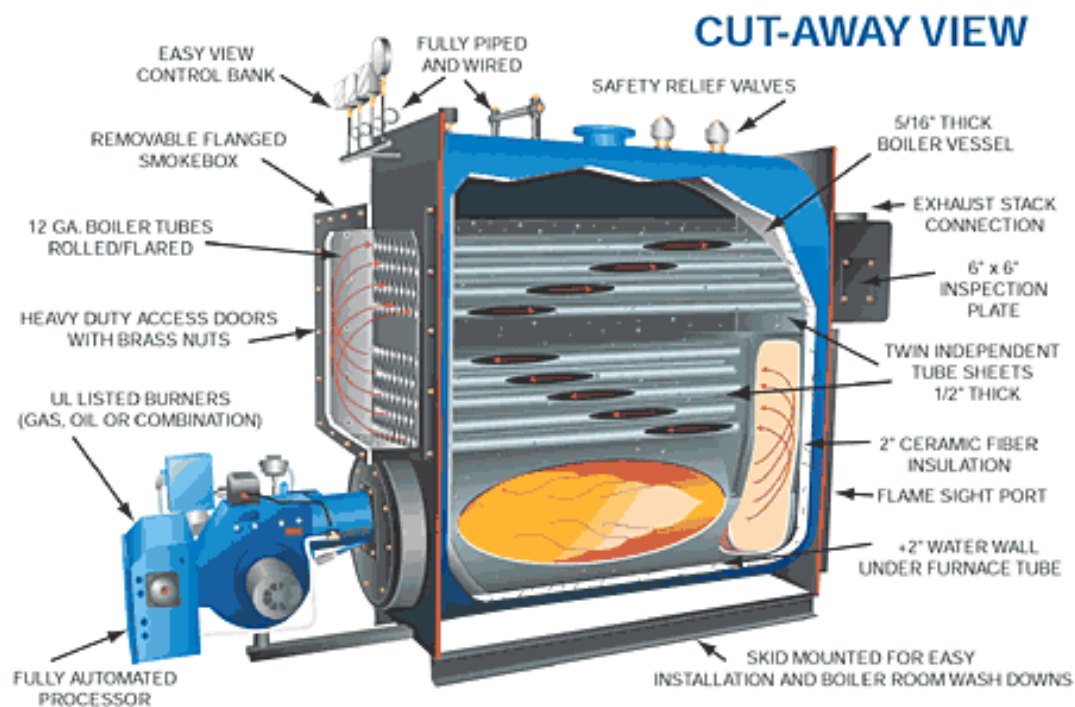
Azar Nasim Warm Air Furnace in short AN WAF is designed and manufactured in 12 different thermal capacities ranged from 100000 up to 2500000 Kcal/h, side outlet. In additional design are being manufactured using Combustion Circuit with an innovative and superior design features and may be equipped with various types of fan assisted burners including, NG, Gas Oil and Dual fuel, supplied in one model. The AN WAF is installed on any suitable surface like as roof or metallic stands outside the building. Warm air is through distribution ducts uniform and according to the Air Conditioning Standards including; temperature, humidity and fresh air. Combined Structure, Return and Fresh Air Dampers are made of Aluminum Profiles cross sections (unique and special design) and operated manually or automatically. Azar Nasim AN WAF are available without burner. Its type and brand may be customized. Higher Thermal capacity and Top Outlet may be also designed and manufactured on request. Air Conditioning of Poultry Farms and Green house may be customized by special design of Azar Nasim Warm Air Furnace.

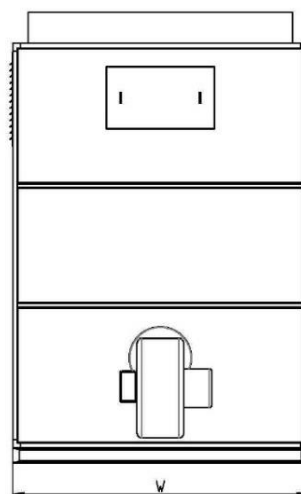
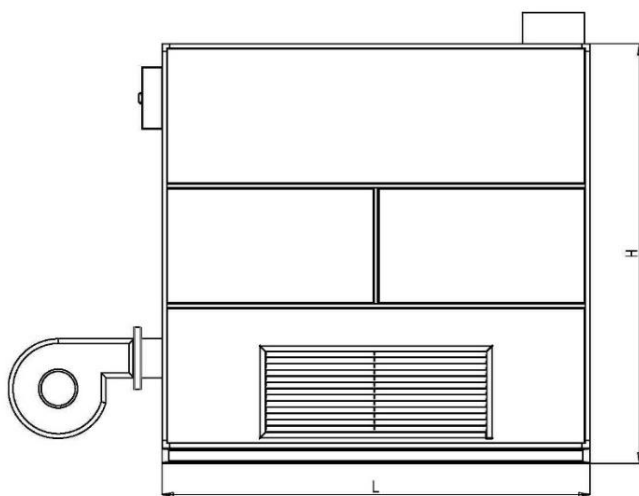
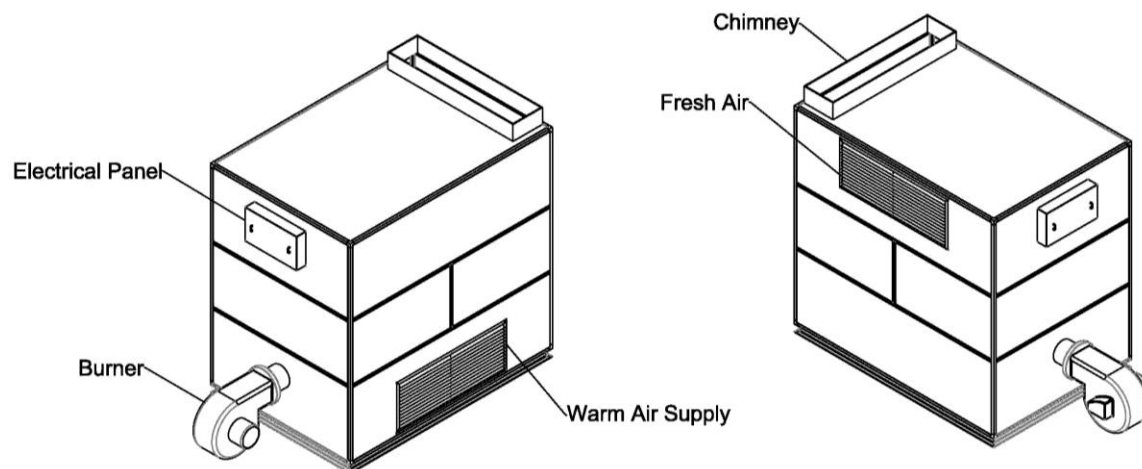
Nomenclature



Features

- Operation, Installation, Service, Maintenance and Operations are performed quickly and easily
- Hot gas heat exchangers are made of Stainless Steel
- Double-wall body with rockwool insulation.
- The Main components are manufactured with heat resistant and high grade steel alloys.
- Suitable for temperate climates.
- Performance and safety control by temperature and pressure sensors.
- Combustion quality control by CO sensors.





Model	Heating Capacity	Air Flow Rate	Power Input	Fuel Consumption		Fan Size	Dimensions			Recommended Chimney Dim.
				Natural Gas	Gas Oil		Height (mm)	Length(mm)	Width (mm)	
	kCal/hr	CFM	kW	m ³ /hr	Lit./hr	mm				mm
AN WAF 100	100000	4500	2.2	11.6	10.83	400	1050	2100	1450	20*20
AN WAF 150	150000	5500	3	17.4	16.24	400	1050	2100	1450	22*22
AN WAF 200	200000	6000	3	23.25	21.66	450	1100	2150	1500	22*22
AN WAF 250	250000	6500	4	29	27	450	1100	2200	1500	24*24
AN WAF 300	300000	7000	4	34.8	32.49	450	1150	2200	1750	24*24
AN WAF 400	400000	8000	5.5	46.5	43.3	450	1400	2400	2250	24*24
AN WAF 450	450000	8500	5.5	52.3	48.7	450	1450	2400	2300	29*29
AN WAF 500	500000	13000	2*4	58.13	54.15	2*450	1900	2600	2750	29*29
AN WAF 1000	1000000	20000	2*5.5	116.2	108.31	2*450	2700	2800	4350	32*32
AN WAF 1500	1500000	25000	2*7.5	174.4	162.4	2*50	2900	3300	5450	40*36
AN WAF 2000	2000000	30000	3*7.5	232.5	216.6	2*45	3200	3300	5850	50*40
AN WAF 2500	2500000	40000	3*11	290.6	270.79	3*50	3400	3600	6450	50*60

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