



Water heater unit ATEX

Protection mode:

Type of protection: CE Ex II2G IIB
Class of temperature: T4
Ambient Temp : -20/+55°C
Zones : 1-2-21-22



Description:

Space heating in explosive atmosphere gas (areas 1 or 2) or dust (areas 21 or 22).

Technical data:

Building:

- Battery in copper tube and aluminum fin (1, 2 or 3 rows)
- Carcass in sheet metal 10/10ème pre lacquered white
- Deflector vane vertical adjustable
- Motor fan series EVXP ATEX
- Voltage Three Phase 230/400V 50Hz

In option:

- Construction with stainless steel sheet metal, screws and battery
- Construction with centrifugal blower
- Double deflection wall mount
- Special Voltage and frequency

Information concerning the choice of the unit heater:

- The power depends on the heat loss and rate of ventilation required
- The air flow rate should provide adequate brewing according to the size of local
- Rate of mixing = Airflow blown (m³/h) / Volume of local (m³)

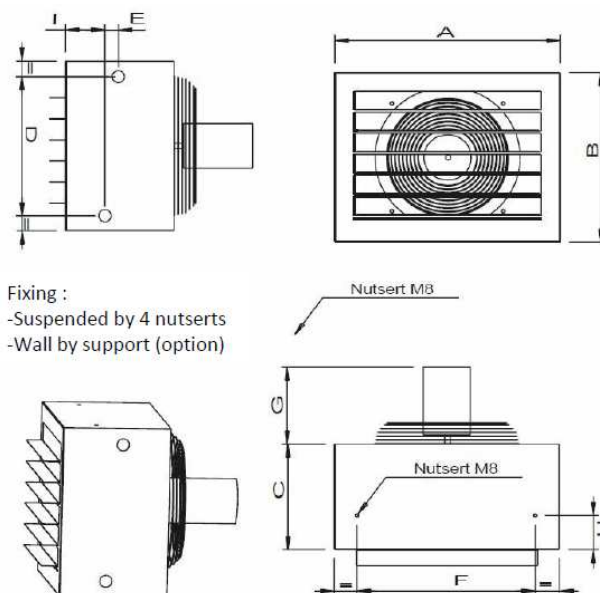
<u>Values:</u>	<u>Volume</u>	<u>Rate of mixing</u>
	100to500m ³	6to7
	600to2000m ³	5to6
	2000to6000m ³	3to5
	6000 to 15000 m ³	2 to 4

- Blowing temperature : above 10 to 30°C to the temperature of local
- Maximum coverage area of a heater:
 - >Shop, gym, small workshop :200 to 250 m²
 - >Construction workshop, garage, storage : 300 to 450 m²



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Technical drawings:



Models:

Type	Electric power Water heater kW*	Motor speed tr/min	Air flow m3/h	Motor Power Kw
3000	15-40	1000	1600	0,12
		1450	250	0,18
4000	20-60	1000	3000	0,12
		1450	4000	0,37
5000	30-80	1000	4000	0,37
		1450	6000	1,1
6000	40-120	1000	6000	0,55
		1450	8000	1,5
7000	60-180	1000	8000	0,55
		1450	11000	1,5

* following T° water and T' return air

Dimensions:

Type	A	B	C	D	E	F	G	H	I
3000	615	491	280	415	35	495	205	90	67
4000	720	575	280	485	40	590	205	90	71
5000	805	655	300	570	40	675	243	90	71
6000	915	736	300	645	50	765	243	105	75
7000	1070	860	335	765	50	920	275	105	70