

**HOT-AIR CONVECTORS, FAW RANGE**

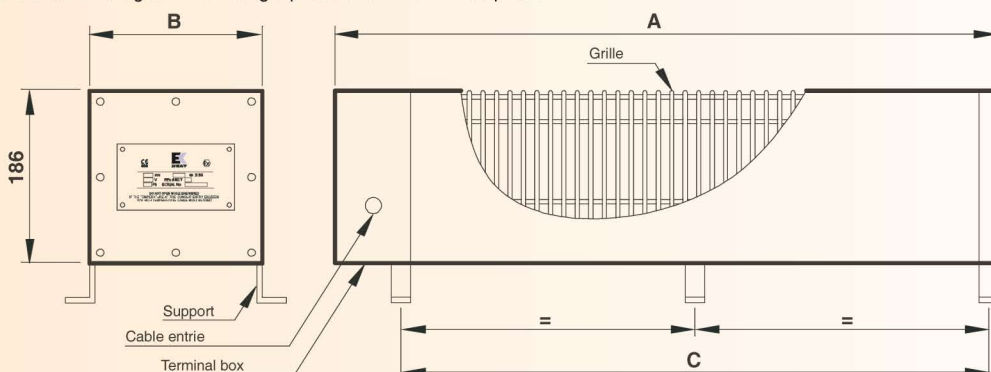
The 'FAW' range of hot-air convectorors was designed to heat small working areas, storage areas, or similar applications, located in hazardous areas classed as Zone 1 or Zone 2, where the flammable atmosphere is Gas Group IIA, IIB, or IIC.


**Common applications**

- Aircraft hangers
- Chemical plants
- Oil platforms
- Petrol service stations
- Gas facilities

**General characteristics**

- LCIE Certificate ATEX Ex II 2 G EEx'e' IIC T2 to T4, in accordance with EN 50014 and EN 50019
- Terminal box with damp protection grade IP66 / IP67
- Available for temperature classification T2, T3, and T4.
- Ambient temperature range from -20 °C to +60 °C. • Treated-steel or stainless-steel chassis.
- **Terminal box:** Aluminium box with Ø20 mm input for cables. Additional cable inputs will be implemented on request.
- **Heating components:** Tubular elements with fins that can be replaced individually, fabricated with NiCr 80/20 alloy resistive wire, compacted magnesium oxide, and tubular stainless-steel sleeve.
- **Controls:** If necessary, FAW hot-air convectorors can be controlled by remote temperature thermostats for use in classified zones.
- **Assembly:** Valid for floors and walls (wall brackets not included. These must be ordered separately)
- **Power supply:** standard voltages ~240 V single-phase or 3~415 V three-phase.


**Standard FAW models**
**Compact range. Stainless-steel chassis**
**Thermal Class T3 → maximum ambient temperature: 40 °C**

Code	Thermal class	Volts	Watts	Nº rods	Dimensions in mm			Weight in kg
					A	B	C	
FAW-C-250-T3	T3	~240	250	2	350	160	282	5
FAW-C-500-T3	T3	~240	500	4	350	160	282	6
FAW-C-750-T3	T3	~240	750	4	615	160	545	6
FAW-C-1000-T3	T3	~240	1000	4	615	160	545	9

**Steel chassis.**
**Thermal Class T4 → maximum ambient temperature: 40 °C**

Code	Volts	Watts	Nº rods	Dimensions in mm		
				A	B	C
FAW-250-T4	~240	250	1	1886	160	1785
FAW-500-T4	~240	500	2	1886	160	1785
FAW-750-T4	3~240 Δ 3~415	750	3	1886	160	1785
FAW-1000-T4	~240	1000	4	1886	272	1785
FAW-1250-T4	~240	1250	5	1886	272	1785
FAW-1500-T4	3~240 Δ 3~415	1500	6	1886	272	1785

**Steel chassis.**
**Thermal Class T2 → maximum ambient temperature: 60 °C**
**Thermal Class T3 → maximum ambient temperature: 40 °C**

Code	Volts	Watts	Nº rods	Dimensions in mm		
				A	B	C
FAW-250-Tx	~240	250	1	971	160	860
FAW-500-Tx	~240	500	2	971	160	860
FAW-750-Tx	3~240 Δ 3~415	750	3	971	160	860
FAW-1000-Tx	3~240 Δ 3~415	1000	3	1221	160	1120
FAW-1500-Tx	3~240 Δ 3~415	1500	3	1741	160	1640
FAW-2000-Tx	~240	2000	4	1741	272	1640
FAW-2500-Tx	~240	2500	5	1741	272	1640
FAW-3000-Tx	3~240 Δ 3~415	3000	6	1741	272	1640

**Stainless-steel chassis.**
**Thermal Class T4 → maximum ambient temperature: 40 °C**

Code	Volts	Watts	Nº rods	Dimensions in mm		
				A	B	C
FAW-250-S-T4	~240	250	1	1886	160	1785
FAW-500-S-T4	~240	500	2	1886	160	1785
FAW-750-S-T4	3~240 Δ 3~415	750	3	1886	160	1785
FAW-1000-S-T4	~240	1000	4	1886	272	1785
FAW-1500-S-T4	3~240 Δ 3~415	1500	6	1886	272	1785

**Stainless-steel chassis.**
**Thermal Class T2 → maximum ambient temperature: 60 °C**
**Thermal Class T3 → maximum ambient temperature: 40 °C**

Code	Volts	Watts	Nº rods	Dimensions in mm		
				A	B	C
FAW-250-S-T2	~240	250	1	971	160	860
FAW-500-S-T2	~240	500	2	971	160	860
FAW-750-S-Tx	3~240 Δ 3~415	750	3	971	160	860
FAW-1000-S-Tx	3~240 Δ 3~415	1000	3	1221	160	1120
FAW-1500-S-Tx	3~240 Δ 3~415	1500	3	1741	160	1640
FAW-2000-S-Tx	~240	2000	4	1741	272	1640
FAW-2500-S-Tx	~240	2500	5	1741	272	1640
FAW-3000-S-Tx	3~240 Δ 3~415	3000	6	1741	272	1640