

## Atex Explosion Proof Convection Heaters Type XB

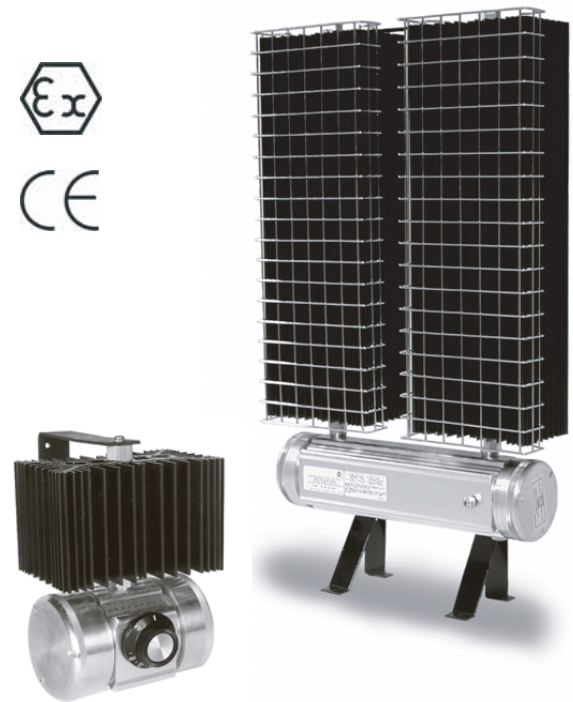
### Product Description

The XB, with ratings up to 5000 watts, is designed for heating spaces where explosive substances are or may be present. The XB is an ATEX approved heater. All units can be fitted with an externally adjustable thermostat. The XB is a safe and reliable heater used in Offshore, Gas & Oil and Marine Industries.

### Construction and Installation

The XB explosion-proof convection heaters utilize unique copperfree aluminum extruded convector terminal housing. Large convector surface area and high mass fins ensure safe and efficient low temperature heat transfer to the environment. Convectors are black anodized to resist oxidation and maximize heat transfer.

The housing can be equipped with multiple tapped conduit entries throughout its length to facilitate installation. Threaded covers at each end allow easy access to internal components. All units, except the single heat sink types, have a built-in terminal block for simplified electrical connection. XB units are intended for wall or floor mounting with the



heater positioned vertically as shown. Dual purpose brackets for floor or wall mounting and wireguards are supplied as standard.

### Standard Features

FIGURE 7  
XB Single Unit (XB1-)

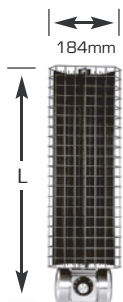


FIGURE 8  
XB Double Unit (XB2-)

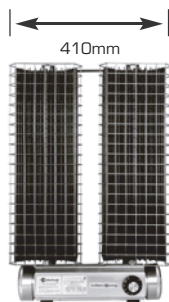


FIGURE 9  
XB Triple Unit (XB3-)

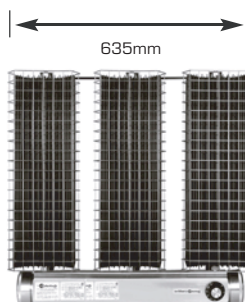


FIGURE 10  
XB Quadruple Unit (XB4-)

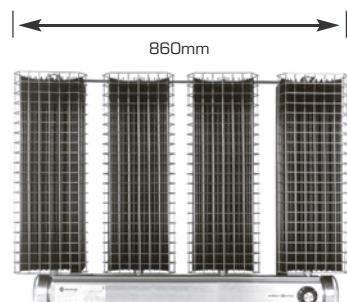


FIGURE 11  
XB Side View  
Floor Mounting

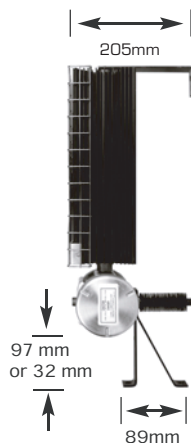
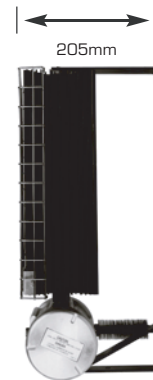


FIGURE 12  
XB Side View  
Wall Mounting



Note: All units are shown with optional thermostat kit installed.

Thermostat well with sensing bulb

## Atex Explosion Proof Convection Heaters Type XB

TABLE 1 XB Explosion-Proof Convection Heaters

Watts	Standard Voltages						'L'Dimension mm	Temperature Code				Weight kg
	240		480		600			T2D	T3B	T4A	T6	
	1ø	3ø	1ø	3ø	1ø	3ø						
50	-	-	-	-	-	-	254	■	■	■	■	4,5
100	-	-	-	-	-	-	254	■	■	■	-	4,5
175	-	-	-	-	-	-	254	■	■	■	-	4,5
200	■	-	-	-	-	-	765	■	■	■	■	11,3
300	-	-	-	-	-	-	254	■	■	-	-	4,5
400	■	■	-	-	-	-	765	■	■	■	■	22,7
450	■	-	■	-	■	-	76	■	■	■	-	11,3
475	■	-	-	-	-	-	424	■	■	-	-	6,8
600	■	■	-	-	-	-	765	■	■	■	■	34,0
750	■	-	-	-	-	-	254	■	-	-	-	9,1
800	■	■	-	-	-	-	765	■	■	■	■	45,4
850	■	-	■	-	■	-	765	■	■	■	-	22,7
1000	-	-	-	-	-	-	254	■	-	-	-	13,6
1000	■	-	■	-	■	-	594	■	-	-	-	9,1
1000	■	■	-	-	-	-	594	■	■	-	-	18,1
1000	■	■	-	■	-	-	424	■	■	-	-	20,4
1250	■	■	■	■	■	■	765	■	■	■	-	34,0
1250	■	-	■	-	■	-	765	■	-	-	-	11,3
1250	-	-	-	-	-	-	254	■	-	-	-	13,6
1350	■	-	■	-	■	-	765	■	-	-	-	11,3
1500	-	-	-	-	-	-	254	■	-	-	-	18,1
1500	■	■	-	-	-	-	424	■	-	-	-	13,6
1500	■	■	-	■	-	■	594	■	■	-	-	27,2
1500	■	■	■	■	■	■	765	■	■	-	-	22,7
1600	■	■	■	■	■	-	765	■	■	■	-	45,4
2000	■	■	-	-	-	-	424	■	-	-	-	20,4
2000	■	■	■	■	■	■	594	■	-	-	-	18,1
2250	■	■	-	-	-	-	594	■	■	-	-	36,3
2250	■	■	■	■	■	■	765	■	■	-	-	34,0
2500	■	■	■	■	■	-	242	■	-	-	-	27,2
2500	■	■	■	■	■	■	765	■	-	-	-	22,7
3000	■	■	■	■	■	■	594	■	-	-	-	27,2
3000	■	■	■	■	■	■	765	■	■	-	-	45,4
3750	■	■	■	■	■	■	594	■	-	-	-	36,3
4500	■	■	■	■	■	■	765	■	-	-	-	45,4
5000	■	■	■	■	■	■	765	■	-	-	-	45,4

### Standard Features

- Suitable for the following hazardous location classification: EX II 2 G, EExd IIC T3 OR T4 (SeeTable1)
- High surface area black anodized heat emitter with integral tubular heating elements
- housing with slide out terminal block trolley simplifies installation and servicing
- Nickel plated wire guards on all models Universal support leg for wall or floor mounting

### Typical applications of the XB

- Control cabinets and small enclosures
- Storage rooms for paints and cleaners
- Grain elevators
- Flour mills
- Gas plants
- Containers used in hazardous area's
- Marine and offshore Oil platforms

### Special Wattage and Lengths

The following table lists the maximum design wattages for the four standard heat sink lengths and configurations. Units not listed in Table 2 can be manufactured to order.

### Thermostats

All model XB heaters can be fitted with integral line voltage thermostats which are available either externally adjustable, factory installed or as field installed kit.

TABLE 2 XB Maximum Heater Wattages

Heat Sink Length	Type	Temperature Code			
		T2D	T3B	T4A	T6
130 mm	XB1	475	300	190	95
	XB2	938	-	-	-
	XB3	1314	-	-	-
	XB4	1524	-	-	-
300 mm	XB1	783	498	294	142
	XB2	1520	988	570	266
	XB3	2173	-	-	-
	XB4	2608	-	-	-
470 mm	XB1	1021	684	380	209
	XB2	2033	1282	722	342
	XB3	3049	1881	1026	456
	XB4	3780	-	-	-
640 mm	XB1	1353	831	451	237
	XB2	2688	1615	864	408
	XB3	4018	2308	1254	612
	XB4	5130	3230	1653	836