



EXPLOSION-PROOF PAINT HEATER

AD 60 / AD 61

TECHNICAL FEATURES

TRANSLATION FROM THE ORIGINAL MANUAL

IMPORTANT : Before assembly and start-up, please read and clearly understand all the documents relating to this equipment (professional use only).

THE PICTURES AND DRAWINGS ARE NON CONTRACTUAL. WE RESERVE THE RIGHT TO MAKE CHANGES WITHOUT PRIOR NOTICE.

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1. DESCRIPTION

The AD 60/61 heater can be installed in the area where the application of paints and varnishes is carried out. It is designed to prevent an inflammation from spreading and to be **explosion-proof**.

There are an aluminium version and a stainless steel version. In each version, there are different models according to the voltage, the power.

It is recommended for AIRMIX® or AIRLESS conventional spraying.

The AD 60/61 heater has an excellent energy efficiency. The access to the heater components and the servicing are easy.

The circuits are designed to prevent paint from overheating.

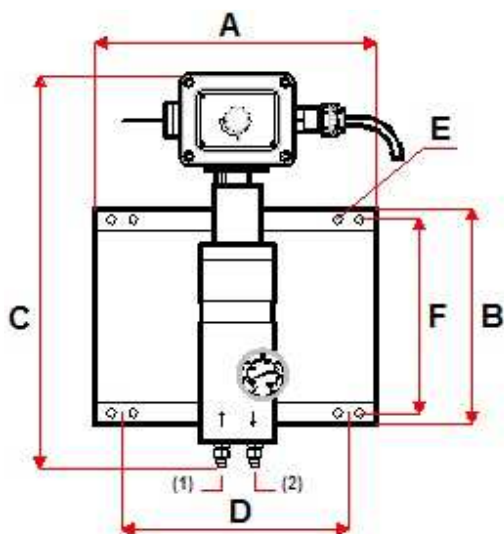
A thermal fuse, fitting the heater, will instantly melt if the temperature becomes excessive following a fault in the thermostat, for example. You can easily change the fuse.

2. TECHNICAL FEATURES

Heater	Type	Single-phase voltage (V)	Power (W)	Cable length without plug	Inlet fitting	Outlet fitting
aluminium or stainless steel	AD 60	230	1500	10 m / 32 ft	M 1/2 JIC / # 5 JIC	M 1/2 JIC / # 5 JIC
	AD 61	115	1500	5 m / 16 ft	M 1/2 JIC / # 5 JIC	M 1/2 JIC / # 5 JIC
	AD 60	230	1250	5 m / 16 ft	M 1/2 JIC / # 5 JIC	M 1/2 JIC / # 5 JIC
	AD 60	400	1250	5 m / 16 ft	M 1/2 JIC / # 5 JIC	M 1/2 JIC / # 5 JIC
	AD 60	480	1500	5 m / 16 ft	M 1/2 JIC / # 5 JIC	M 1/2 JIC / # 5 JIC

	ALUMINIUM HEATER	STAINLESS STEEL HEATER
Thermostat version	Expansion of liquid and dry contact	
Thermal fuse	Cutting of at 121°C / 250°F	
Thermometer	Graduation : 0 to 100°C / 32°F to 212°F	
Temperature range	15 - 80°C / 59 - 176°F	
Maximum operating pressure	240 bar / 3480 psi	
Weight (kg / lbs) :	15,5 kg / 34.2 lbs	25 kg / 55.1 lbs
Wetted parts in contact with the material	Aluminium body Chrome galvanized steel fittings	Stainless steel body Stainless steel fittings
Work ambient temperature	40°C / 104°F max	

■ DIMENSIONS



Heater on wall-mounted unit

Dimensions (mm / ")

A - 360 mm / 14.2 "

B - 305 mm / 12 "

C - 520 mm / 20.5 "

D - 252 mm / 10 "

E - \varnothing 7 mm / 9/32 "

F - 289 mm / 11.38 "

(1) - fluid inlet
(M 1/2 JIC / # 5 JIC)

(2) - fluid outlet
(M 1/2 JIC / # 5 JIC)

3. INSTALLATION



The AD 60 / 61 heater is explosion-proof. It can be installed in an explosive area (area 1 or area 2).

Install a plug at the cable end (2 terminals + earth).

Ground the pump and the paint heater.

Check the mains voltage and the one indicated on the heater (115V, 230V or 400V **single-phase**).

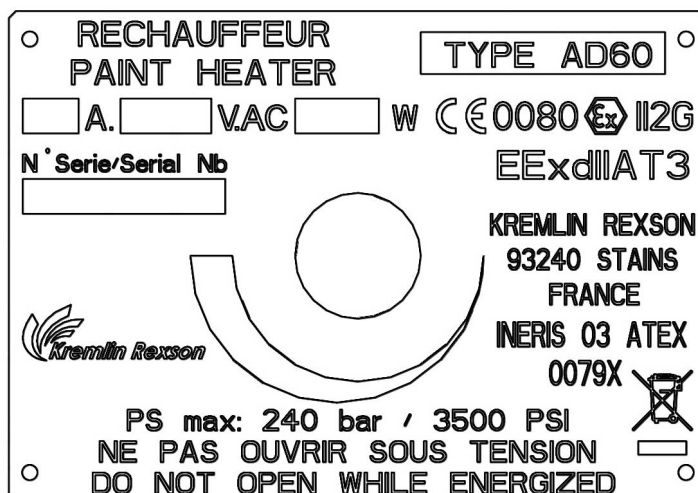
Install an hose upstream and an other one downstream of the paint heater (Choose the hose according to the **pressure** supplied by the pump and to the regulating **temperature**).



When you install a Y-fitting at gun level and a back pressure regulator or a regulation valve on the fluid return, you make the fluid circulate.

Nota : choose a circulation valve if the temperature exceeds 50°C / 122°F. Choose a back pressure regulator for lower temperatures.

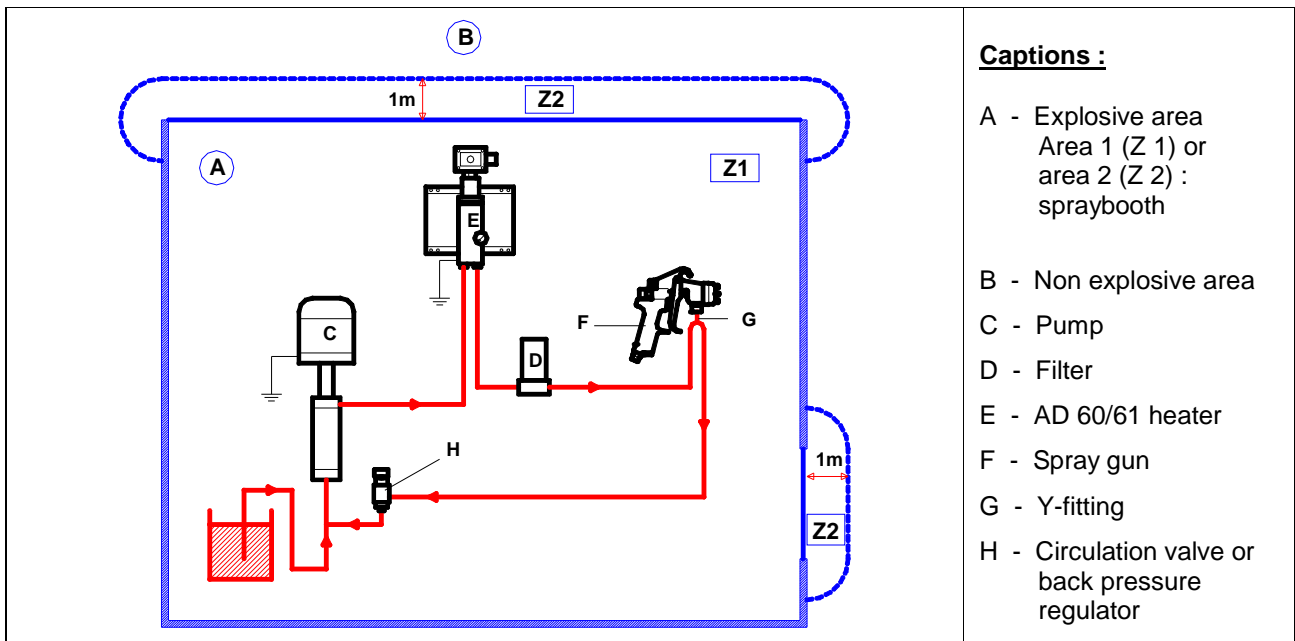
■ DESCRIPTION OF THE LABEL MARKING

Marking in accordance with the ATEX directive
(example : Paint Heater AD 60
230V - 1500W)



RECHAUFFEUR / PAINT HEATER TYPE AD 60	Type
-A ---V.AC ----W	Intensity, voltage and power of the equipment
CE 0080	0080 : INERIS code that notifies the Quality Management System
	II : group II 2 : class 2 Surface equipment meant to an area where explosive atmospheres due to gas, vapours, mists are liable to appear from time to time in usual operating. G : gas
EEx d IIA T3	d : explosion-proof enclosure II A : Standard gas for the qualification of the material (propane) T3 : maximum surface temperature : 200°C / 392°F
N° Serie / Serial Nb	Number given by KREMLIN REXSON. The two first numbers indicate the manufacturing year.
INERIS 03 ATEX 0079X	Fluid approval N° given by INERIS
KREMLIN REXSON logo	Manufacturer label
KREMLIN REXSON 93240 STAINS FRANCE	Name and address of the manufacturer
PS max : 240 bar / 3500 PSI	Maximum fluid pressure
NE PAS OUVRIR SOUS TENSION / DO NOT OPEN WHILE ENERGIZED	Safety instruction
	Environment indication

■ INSTALLATION INSTRUCTIONS



Captions :

A - Explosive area
Area 1 (Z 1) or
area 2 (Z 2) :
spraybooth

B - Non explosive area

C - Pump

D - Filter

E - AD 60/61 heater

F - Spray gun

G - Y-fitting

H - Circulation valve or
back pressure
regulator