

MODEL	INFRACAT 12.12
TYPE	INFRARED GAS CATALYTIC HEATER
MATERIAL	STAINLESS STEEL
SIZE (height x length x thickness)	305x305x60 mm - overall dimensions only heater body 305x305x110 mm - with front protection grid 305x305x190 mm - with front grid and rear protection box [Atex version] 305x305x210 mm - with front protection grid and manual shut-off valve 305x305x250 mm - with front grid and thermostatic manual valve
POWER	max 1,5 kW - min 1,0 kW
FEED GAS	Natural Gas or Propane (LPG)
GAS PRESSURE	20 mbar Natural Gas - 37 mbar Propane (other pressure values available upon customer request)
VOLTAGE pre-heating electrical phase	120V - 240V - 480V
ELECTRICAL POWER absorbed in pre-heating electrical phase	230W
PRE-HEATING TIME	10 minutes
NPT GAS ENTRY	1/2" gas without manual valve - 3/8" gas with manual valve ("shut-off" or thermostatic valve)
NATURAL GAS CONSUMPTION	max 0,15 m³/h - min 0,10 m³/h
PROPANE GAS CONSUMPTION (LPG)	max 113 g/h - min 75 g/h
SURFACE TEMPERATURE	from 180°C to 550°C, modulation by adjusting the gas pressure
VERSIONS	with K TYPE THERMOCOUPLE cable length 2 m.
ACCESSORIES	<ul style="list-style-type: none"> ▪ EXTERNAL K TYPE THERMOCOUPLE to detect surface temperature during operation ▪ FRONT PROTECTION GRID (included in Atex models) ▪ EXPLOSION-PROOF BOX for pre-heating electrical element terminals (included in Atex models and FM HA models)
CERTIFICATIONS upon specific request	<p>ATEX CERTIFICATION - CE marking in conformity with the European Directive 2014/34/UE for use in potentially explosive atmospheres, Group II, Category 2 G;</p> <p>FM CERTIFICATION - Factory Mutual Approvals - HT series for not classified areas and HA series for classified areas Class 1, Division 2, Group D;</p> <p>CSA CERTIFICATION - Canadian Standard Association - GI series Unvented Catalytic Heaters;</p> <p>EAC CERTIFICATION, for Eurasian Economic Union (EAC): Russia, Belarus, Kazakhstan, Armenia and Kyrgyzstan;</p> <p>UKR-SEPRO CERTIFICATION, for Ukraine.</p> <div style="text-align: center;"> </div>