INFRACAT® 8.51

MODEL	INFRACAT 8.51
TYPE	INFRARED GAS CATALYTIC HEATER
MATERIAL	STAINLESS STEEL
SIZE (height x length x thickness)	205x1305x45 mm – overall dimensions only heater body 205x1305x95 mm – with front protection grid 205x1305x175 mm – with front grid and rear protection box (Atex version) 205x1305x205 mm - with front protection grid and manual shut-off valve 205x1305x235 mm – with front grid and thermostatic manual valve
POWER	max 5,5 kW – min 3,3 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	800W
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 0,55 m^3/h – min 0,33 m^3/h
PROPANE GAS CONSUMPTION (LPG)	max 413 g/h – min 248 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	▪ 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	ATEX CERTIFICATION - CE marking in conformity with the European Directive 2014/34/UE for use in potentially explosive atmospheres, Group II, Category 2 G; FM CERTIFICATION - Factory Mutual Approvals –HT series for not classified areas and HA series for classified areas Class 1, Division 2, Group D; CSA CERTIFICATION – Canadian Standard Association – GI series Unvented Catalytic Heaters; EAC CERTIFICATION, for Eurasian Economic Union (EAC): Russia, Belarus, Kazakhstan, Armenia and Kyrgyzstan; UKR-SEPRO CERTIFICATION, for Ukraine.

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