

MODEL	INFRACAT 16.51
TYPE	INFRARED GAS CATALYTIC HEATER
MATERIAL	STAINLESS STEEL
SIZE (height x length x thickness)	410x1305x45 mm – overall dimensions only heater body 410x1305x95 mm – with front protection grid 410x1305x175 mm – with front grid and rear protection box (Atex version) 410x1305x205 mm – with front protection grid and manual shut-off valve 410x1305x235 mm – with front grid and thermostatic manual valve
POWER	max 10,5 kW – min 6,3 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	855W
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 1,05 m <sup>3</sup> /h – min 0,63 m <sup>3</sup> /h
PROPANE GAS CONSUMPTION (LPG)	max 788 g/h – min 473 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"> <li>▪ EXTERNAL K TYPE THERMOCOUPLE to detect surface temperature during operation</li> <li>▪ FRONT PROTECTION GRID (included in Atex models)</li> <li>▪ EXPLOSION-PROOF BOX for pre-heating electrical element terminals (included in Atex models and FM HA models)</li> </ul>
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>UKCA CERTIFICATION – UK Conformity Assessed, marking introduced to replace the CE marking in England, Wales and Scotland;</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>