





# BOOSTERCAT 12K



<b>MODEL</b>	BOOSTERCAT 12K
<b>TYPE</b>	POWERED INFRARED CATALYTIC GAS HEATER with front protection grid and integrated K type thermocouple
<b>MATERIAL</b>	STAINLESS STEEL
<b>SIZE</b> (height x length x thickness)	442x1033x311 mm - 17"x41"x13"
<b>POWER</b>	max 12,0 kW – 41000 Btu/hr min 7,0 kW - 24000 Btu/hr
<b>FEED GAS</b>	Natural Gas or Propane (LPG)
<b>GAS PRESSURE</b>	20 mbar Natural Gas – 37 mbar Propane (upon customer request, also other pressure values)
<b>VOLTAGE</b> pre-heating electrical phase	120V - 240V - 480V
<b>ELECTRICAL POWER</b> absorbed in pre-heating phase	760 W
<b>FAN ABSORBED POWER</b> (for version with integrated ventilation)	160 VA
<b>PRE-HEATING TIME</b>	10 minutes
<b>NPT GAS ENTRY</b>	1/2" gas
<b>NATURAL GAS CONSUMPTION</b>	max 1,2 m <sup>3</sup> /h – 42 ft <sup>3</sup> /hr min 0,7 m <sup>3</sup> /h – 25 ft <sup>3</sup> /hr
<b>PROPANE GAS CONSUMPTION (LPG)</b>	max 900 g/h – 1.9 lb/hr min 525 g/h – 1.1 lb/hr
<b>SURFACE TEMPERATURE</b>	from 180°C (356°F) to 650°C (1202°F), modulation by adjusting the gas pressure
<b>VERSIONS</b>	<ul style="list-style-type: none"> <li>▪ with K TYPE THERMOCOUPLE all models cable length 2 m. (6.56 ft)</li> <li>▪ with INTEGRATED VENTILATORS or with REAR FLANGES for air canalization</li> </ul>
<b>ACCESSORIES</b>	<ul style="list-style-type: none"> <li>▪ EXTERNAL "K" TYPE THERMOCOUPLE to take temperature during operation</li> </ul>
<b>CERTIFICATIONS</b> upon specific request	<p>ATEX CERTIFICATION in conformity with European Directive 2014/34/UE for use in potentially explosive atmospheres Division II, Category 2 G;</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>

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