

Coolant Powered CNG FUEL WARMING PRODUCTS



Natural gas is stored in tanks on board the vehicle at a "tank pressure" ranging from 250 psi to 3600 psi. A regulator is used to regulate this pressure to a value typically around 115 psi. As a result of the pressure drop through the regulator, the natural gas reaches temperatures nearing -200°F .

Function

To prevent the natural gas from dropping below an acceptable temperature. The high quality, 100% stainless steel heat exchangers from Arctic Fox®, designed for CNG applications. The Arctic Fox® heat exchanger is utilized to prevent the natural gas from dropping below an acceptable temperature based on engine temperature and load. At low fuel rates, a thermostat is required to prevent heating of the gas above an acceptable temperature.

Applications

CNG engines

Features

Converts natural gas fuels to combustible energy sources	
Keep natural gas from dropping below the accepted engine temperature	
Raises the fuel pressure as it is heated	
Integral thermostat option available	
15 Tube Heat Exchanger	
Working pressure	350 PSI
Minimum burst pressure (destructive test)	6000 PSI

Benefits

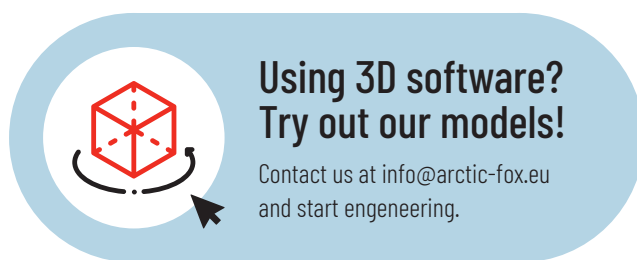
Simple compact design
NPTF or Swagelok fuel ports available



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Productivity won't wait for a warm day.



Specifications (dimensions in millimetres)**IN-LINE FUEL HEATERS**

Part No.	Gas	Coolant Port Size	Tube Port Size	Total Length	Surface Length	Internal Area Thermostat
SF-2587-6	1/2" NPT	1/2" NPT	152 mm	245 mm	697 cm ²	No
SF-2587-8	1/2" NPT	1/2" NPT	203 mm	305 mm	923 cm ²	No
SF-2587-10	1/2" NPT	1/2" NPT	1254 mm	356 mm	1155 cm ²	No
SF-2587-12	1/2" NPT	1/2" NPT	305 mm	406 mm	1381 cm ²	No
SFT-2587-1/2NPT-6	1/2" NPTF	1/2" NPT	152 mm	318 mm	697 cm ²	Yes
SFT-2587-1/2NPT-8	1/2" NPTF	1/2" NPT	203 mm	368 mm	923 cm ²	Yes
SFT-2587-1/2NPT-10	1/2" NPTF	1/2" NPT	254 mm	419 mm	1155 cm ²	Yes
SFT-2587-1/2NPT-12	1/2" NPTF	1/2" NPT	305 mm	469 mm	1381 cm ²	Yes
SFT-2587-6-SWGLK-X/XCP*	1/2" Swagelok	See Note	152 mm	330 mm	697 cm ²	Yes
SFT-2587-8-SWGLK-X/XCP*	1/2" Swagelok	See Note	203 mm	381 mm	923 cm ²	Yes
SFT-2587-10-SWGLK-X/XCP*	1/2" Swagelok	See Note	254 mm	432 mm	1155 cm ²	Yes
SFT-2587-12-SWGLK-X/XCP*	1/2" Swagelok	See Note	305 mm	483 mm	1381 cm ²	Yes

* For SFT-2587 with Swagelok fuel ports, coolant ports can be 1/2", 5/8", or 3/4" hose barb—substitute desired hose barb size for the X/X designation in the part number. Example: SFT-2587-SWGLK-3/4CP will have 3/4" hose barbs included in the hardware package.

Need more measurements? Technical drawings are available on request. Please contact us at info@arcticfox.eu or call +31 (0)165 55 92 45