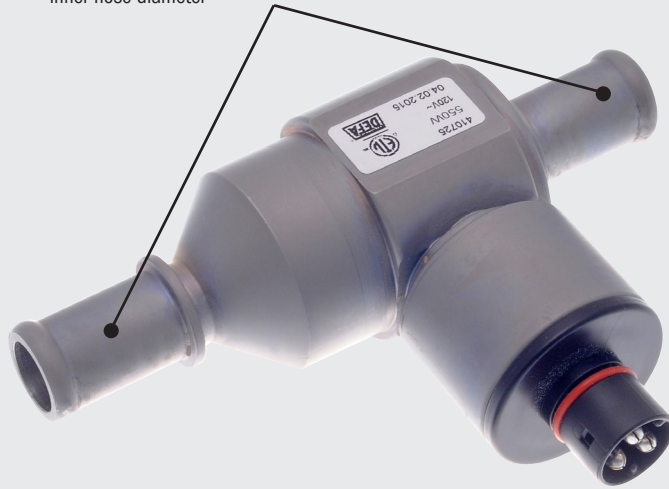




(Ø 16mm)\*  
\* Stated diameter Ø, is the inner hose diameter



120V~60Hz



**DEFA SafeStart 410725**

Characteristics: Hose pre-heater

**Heaters with temperature limiter.**

The heater is equipped with a temperature limiter that switches off the power supply to the element when the coolant has reached a temperature of 70°C/158°F at the intake/outlet of the heater.

DEFA AS is conforming to the requirements of both ISO 9001, ISO 14001 and OHSAS 18001. In addition to this, our engine heaters and cables are conforming to the requirements of ISO/TS 16949.

W = Width, H = Height, D = Depth

**Item number**

# 410725 Weight: =316gr. (11.5 oz)

**Installation**

Install the heater according to the enclosed installation guide or technical information for a vehicle. Install ONLY the heater on vehicles listed in the installation guide. Installing DEFA heaters must only be executed by authorized garages.

**Usage**

Normal usage - DEFA engine heaters is dimensioned for "normal usage". DEFA defines "normal usage" as; 3 connections for 3 hours pr. 24 hour based upon 150 users days a year (5 months a year).

Professional usage - It is necessary to make a yearly function control and if necessary install a new heater to obtain necessary extent of service on emergency vehicles or power supplies where the heater is connected more or less 24/7. This yearly service cost will not be covered by DEFA AS.

Pulse power - Some car parking areas are using interval (pulse) power timers turning the power On and Off several times per hour. Using DEFA engine heater in suchlike parking facilities will not be considered as "Normal use" and claims will be declined.

**Technical specifications**

Voltage [V]	120
Power [W]	550
W/H/D [mm]	86/125/38
Reset Temp	30 K +/-15K
IP rating	IP44
Testing & acceptance	Electric Heating Appliances, UL 499, Thirteenth Edition, dated November 17, 2005, with revisions through and including April 11, 2012 & Engine Heaters and Battery Warmers, CAN/CSA-C22.2 No. 191-M89, Issue: 1989/09/01, General Instruction No. 1-3, (Reaffirmed 2009)

[www.defa.com](http://www.defa.com)