



## SafeStart 721 - 734

**Characteristics:** Hose heater with thermostat  
**DEFA no:** 721-734

The heater consists of a coolant chamber and a power connection box. There are 2 two-phase thermal fuses and thermostat (T) in the connection box which measure the temperature on a metal plate between the connection box and the coolant chamber. The fuses in the heater prevent the heating element from failing due to over-heating. If the fuse has deactivated the heater. Activate the heater again by pushing the red button (C)

DEFA AS is conforming to the requirements of both ISO 9001-2008, ISO 14001:2004 and OHSAS 18001:2007. In addition to this, our engine heaters and cables are conforming to the requirements of ISO/TS 16949:2002.

### Technical specifications

Voltage [V]	230
Power [W]	700-2000
IP rating [IP]	44
W/H/D [mm]	173/123/83
Tailpiece - Hose inner Diameter Ø [mm]	16
Test & Approval	EMKO-TUB(61)NO 293/91 EN 60335-1, EMKO-TSB(61) NO293A94

(T)	700W (6-12 ltr.)*	1000W (12-18 ltr.)*	1500W (16-24 ltr.)*	2000W (22 ltr.>)*
80°C	411721	411722	411723	411724
60°C	411727	411728	411729	411730
40°C	411731	411732	411733	411734

\* Recommended used on engines with cooling system in litres of coolant.

### Item number

DEFA number series from 411721 to 411734.  
Weight: A = 675gr. (4-pack).

### Part of

Engine pre-heater is supplied separately because of special adapted solutions for a variety of engines and vehicles.

### Installation

**Read and follow the included fitting instructions for your vehicle carefully.** Installation of engine heaters shall be performed by authorized garages. Install the heater lying down (as in the picture), arrow (A) pointing upwards (D). Top up with the coolant specified by the manufacturer, and bleed the cooling system in accordance with the manufacturer's specifications. Check for leakages.

### Use

**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.

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