



Thermostat

UT

Description

The UT thermostat is a temperature-controlled electric switch with stainless steel (18/8) or copper capillary and sensor. The temperature can be set easily and accurately using the large knob on the front of the thermostat. The temperature must be set to correspond to the required mean temperature.

Features & benefits

- The thermostats has a fixed differential
- Electric connections are made by means of cable clamps and terminal screws
- AMP quick connectors may be used in connection with cabinet mounting
- The temperature must be set in accordance with the required mean temperature
- UT is available for wall or panel mounting, and can be used for: cold rooms, beverage coolers, ice cream makers, milk coolers, refrigerated counters, air conditioning plant, heat recovery systems

Ordering

Product code numbers

Mounting method	Type	Temperature range [°C] [min]	Temperature range [°C] [max]	Differential (FS) [K]	Reset function	Max. sensor temperature [°C]	Capillary tube length [mm]	Capillary tube material	Packing format	Code number
Wall	UT 72	-30	30	2.3	Auto	60	2000	Stainless steel	Multi pack	060H1506
Wall	UT 72	-30	30	3.0	Auto	80	2000	Copper	Multi pack	060H1701
Wall	UT 73	2	40	3.0	Auto	80	2000	Copper	Multi pack	060H1702
Wall	UT 72	-30	30	3.0	Auto	80	2000	Copper	Multi pack	060H1703
Wall	UT 72	-30	30	3.0	Auto	80	3000	Copper	Multi pack	060H1705
Wall	UT 72	-30	30	3.0	Auto	80	2000	Stainless steel	Multi pack	060H1706
Wall	UT 72	-30	30	3.0	Auto	80	3000	Copper	Multi pack	060H1708
Panel mounting	UT 73	2	40	3.0	Auto	80	2000	Copper	Industrial pack	060H1802
Panel mounting	UT 72	-30	30	3.0	Auto	80	3000	Copper	Industrial pack	060H1805

(1) 060H1703 - Incl. bulb clamps

Accessories code numbers

Table: Accessories

Type	Qty.	UT 72	UT 73
Setting knobs	48	060-1067	060-1096
Bulb clamp	36	060-1090	060-1090



Product details

General data

Table: Technical data

Features	Values
Function range: UT 72 (for universal purposes)	-30 – 30 °C
Function range: UT 73 (for frost protection)	2.5 – 40 °C
Ambient temperature	-30 – 55 °C
Reset	Automatic
Differential	Fixed, 3.0 K
Switch system	Changeover (SPDT) switch
Contact load	AC-1: 16 A / 250 V
	AC-3: 7.5 A / 250 V
	AC-15: 1 A / 250 V
Capillary tube	Copper or 18/8 steel
Sensor	Copper or 18/8 steel
UT for wall mounting	IP20 to EN 60529 / IEC 529
UT for building in	IP00 to EN 60529 / IEC 529

Dimensions

Table: Dimensions [mm] and weights [kg]

UT for wall mounting (Net weight 0.2 kg)	UT for panel mounting (Net weight 0.1 kg)

Type	A		B	
	Copper	18/8	Copper	18/8
UT 72	max. 119	max. 150	1.25	0.9
UT 73	max. 119	–	1.25	–



Certificates, declarations and approvals

The list contains all certificates, declarations, and approvals for this product type. Individual code number may have some or all of these approvals, and certain local approvals may not appear on the list.

When you click on the link you will be directed to the latest version of the ‘Declaration of Conformity’. Products developed and sold before this date of issue conform to the directives/standards in force at the time of their sale.

Approval type	Title	Certification body	Approval topic
EU Declaration	Danfoss EU 060-9659.AC	Danfoss	LVD
Electrical Safety Certificate	EAC KZ 7100841.01.01.01391	EAC - Eurasian Customs Union	EMC
Export Control Declaration	Pressure switches & Thermostats	Danfoss	
UA Declaration	Danfoss UA 2024-07-25 cooling sensors	Danfoss	LVD
Manufacturer's Declaration	Danfoss MD 060-9639.AB	Danfoss	China RoHS

Contact details

Online support

Danfoss offers a wide range of support along with our products, including digital information, software, mobile apps and expert guidance. See the possibilities below.



The Danfoss Design center

Discover the Design Center, our advanced digital platform that streamlines product selection. With integrated tools and enhanced type pages, it's simpler than ever to access product information and documentation, and to select the right products. Check the availability of Danfoss products at partner locations and enjoy seamless transitions from selection to purchase with our basket-to-basket functionality. Whether you're buying from our distributors or directly from the Product Store, the Design Center simplifies your experience. Learn more at: designcenter.danfoss.com.



The Danfoss product store

The Danfoss Product Store is a one-stop shop available 24/7 for our customers, no matter where you are in the world or what area of industry you work in. Browse our catalog, check product details and documentation, view your prices and product availability, and quickly finalize your purchase. Start browsing at: store.danfoss.com.



Danfoss Partner Portal/Product Data tool

Designed to support you with easy access to product data extracts, essential resources, tools, and information. The Partner Portal provides a centralized hub for product documentation, training materials, marketing assets, and technical support, ensuring you have everything you need to succeed and grow your business with Danfoss. The Partner Portal is available 24/7 at: partner.danfoss.com and is ready to support your business.



Find technical documentation

Find technical documentation you need to get your project up running. Get direct access to our official collection of data sheets, certificates and declarations, manuals and guides, 3D models and drawings, case stories, brochures, and much more. Start searching now at: documentation.danfoss.com.



Danfoss Learning

Danfoss Learning is a free online learning platform. It features courses and materials specifically designed to help engineers, installers, service technicians, and wholesalers better understand the products, applications industry topics, and trends that will help you do your job better. Find your local Danfoss website here: learning.danfoss.com.



Get local information and support

Local Danfoss websites are the main sources for help and information about our company and products. Find product availability, get the latest regional news, or connect with a nearby expert - all in your own language. Find your local Danfoss website here: danfoss.com.

Danfoss A/S

Climate Solutions . danfoss.com . +45 7488 2222

Any information, including, but not limited to information on selection of product, its application or use, product design, weight, dimensions, capacity or any other technical data in product manuals, catalogues description, advertisements, etc. and whether made available in writing, orally, electronically, online or via download, shall be considered informative, and is only binding if and to the extent, explicit reference is made in a quotation or order confirmation. Danfoss cannot accept any responsibility for possible errors in catalogues, brochures, videos and other material. Danfoss reserves the right to alter its products without notice. This also applies to products ordered but not delivered provided that such alterations can be made without changes to form, fit or function of the products. All trademarks in this material are property of Danfoss A/S or Danfoss group companies. Danfoss and the Danfoss logo are trademarks of Danfoss A/S. All rights reserved.