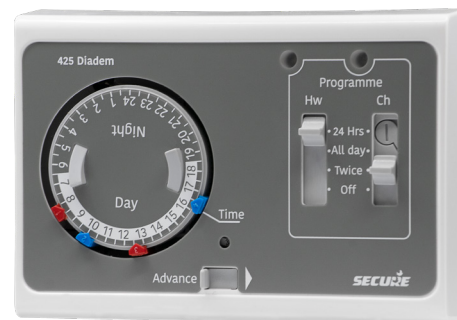


# 425 Diadem

## Electro-mechanical programmer

425 series mechanical programmers are the simplest way to control hot water and central heating in the home. The 425 Diadem is a twin circuit, hot water and central heating programmer, with indicator lights and 16 programmes available for fully pumped systems, including independent programming of heating and hot water, and 10 programmes for gravity hot water / pumped heating systems. The Diadem is ideal for gravity systems and fully pumped systems with zone valves.



### Applications

- Control of most domestic gas or oil-fired central heating and hot water systems.
- Combination ('combi') boiler systems
- Stored hot water systems
- Solid-fuel systems
- Additional zone contro

### Benefits

- Simple to use with easily understood settings adjustable in seconds
- All control elements are visually accessible
- Allows the user to switch the heating Off or on early, without disturbing any existing settings

- Advanced controls to allow manual override On or Off
- Allows the user to pre set a choice of programmes
- Coronet can be used for loads up to 3kw as well as conventional heating

### Features

- Rotating 24-hour dial and tappet arrangement
- Easy to install using a 9-pin backplate
- Advance control to allow manual override On or Off
- Programme options: On, Off, All day or Auto
- 7 years no quibbles warranty

7

years  
no quibbles  
warranty



**SECURE**



## Technical specifications

### Electrical

|                   |   |
|-------------------|---|
| Contact rating    | Double circuit 6 (2.5) Amps 230V AC         |
| Contact type      | Micro-disconnection changeover voltage-free |
| Motor             | Synchronous 230V 50Hz Double Insulated      |
| Power consumption | 2.5W  |

### Environmental

|                               |   |
|-------------------------------|---|
| Dirt protection               | Normal situations                               |
| Moisture protection           | Ordinary  |
| Enclosure protection          | Ip20  |
| Maximum operating temperature | +55°C   |
| Dial setting                  | 2 On, 2 Off tappets, Min. On/Off period 45 mins |

### Mechanical

|            |                         |
|------------|-------------------------|
| Dimensions | 152 x 107 x 39mm        |
| Mounting   | 9-pin wall fixing plate |

The Channelplus range is a direct replacement for 425 products.

| 425 Product | Channels | ChannelPlus direct replacement |
|-------------|----------|--------------------------------|
| 425 Diadem  | 2        | H27XL                          |
| 425 Tiara   | 2        | H27XL                          |
| 425 Coronet | 1        | H17XL (up to 3 Amp resistive)  |

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