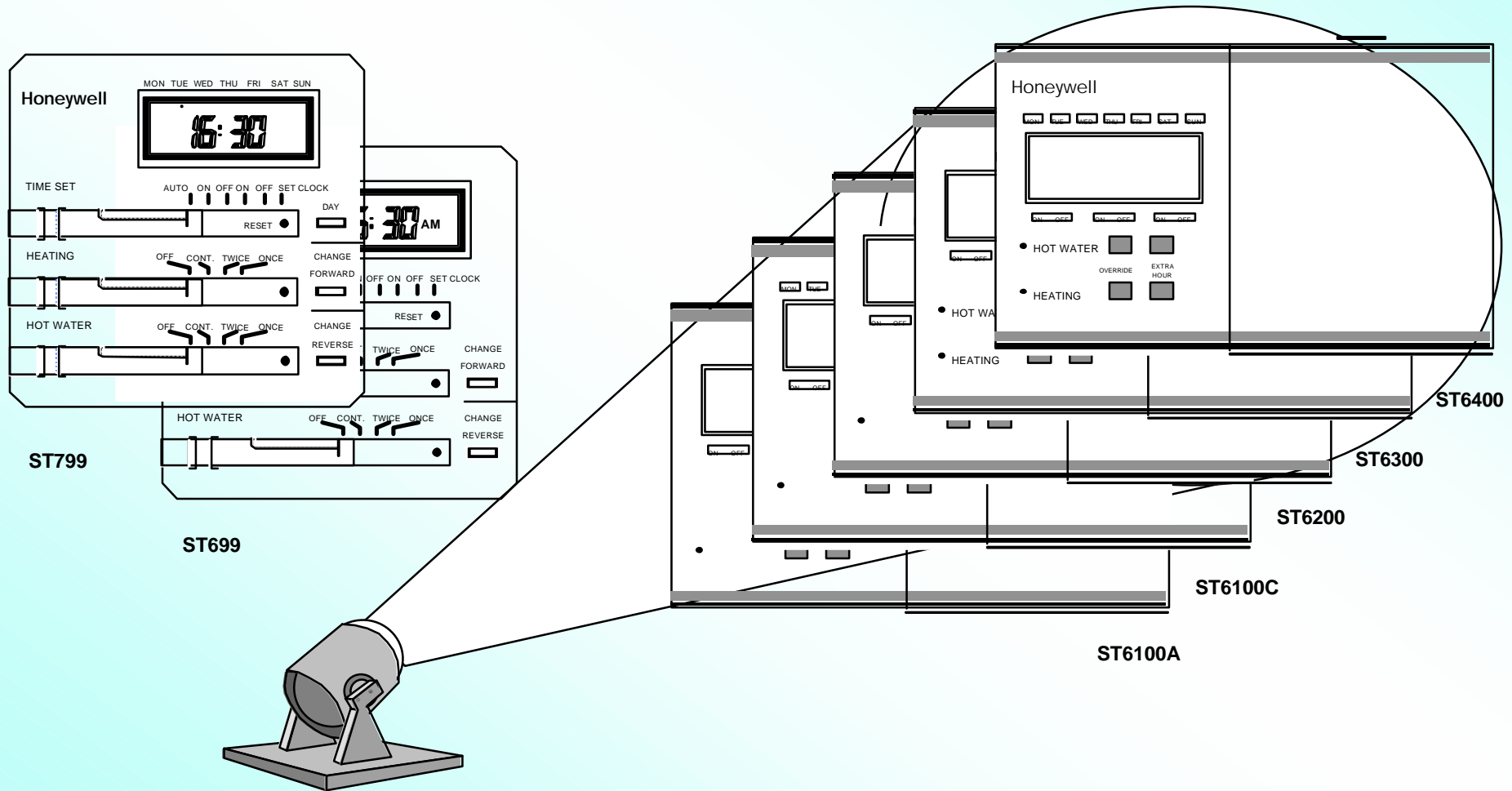
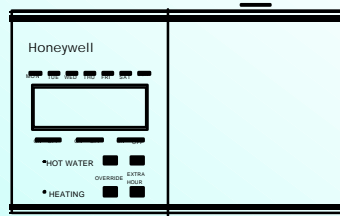
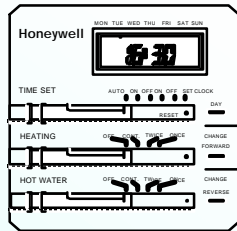


TIMER/PROGRAMMER RANGES



TIMER/PROGRAMMER PRODUCT RANGE



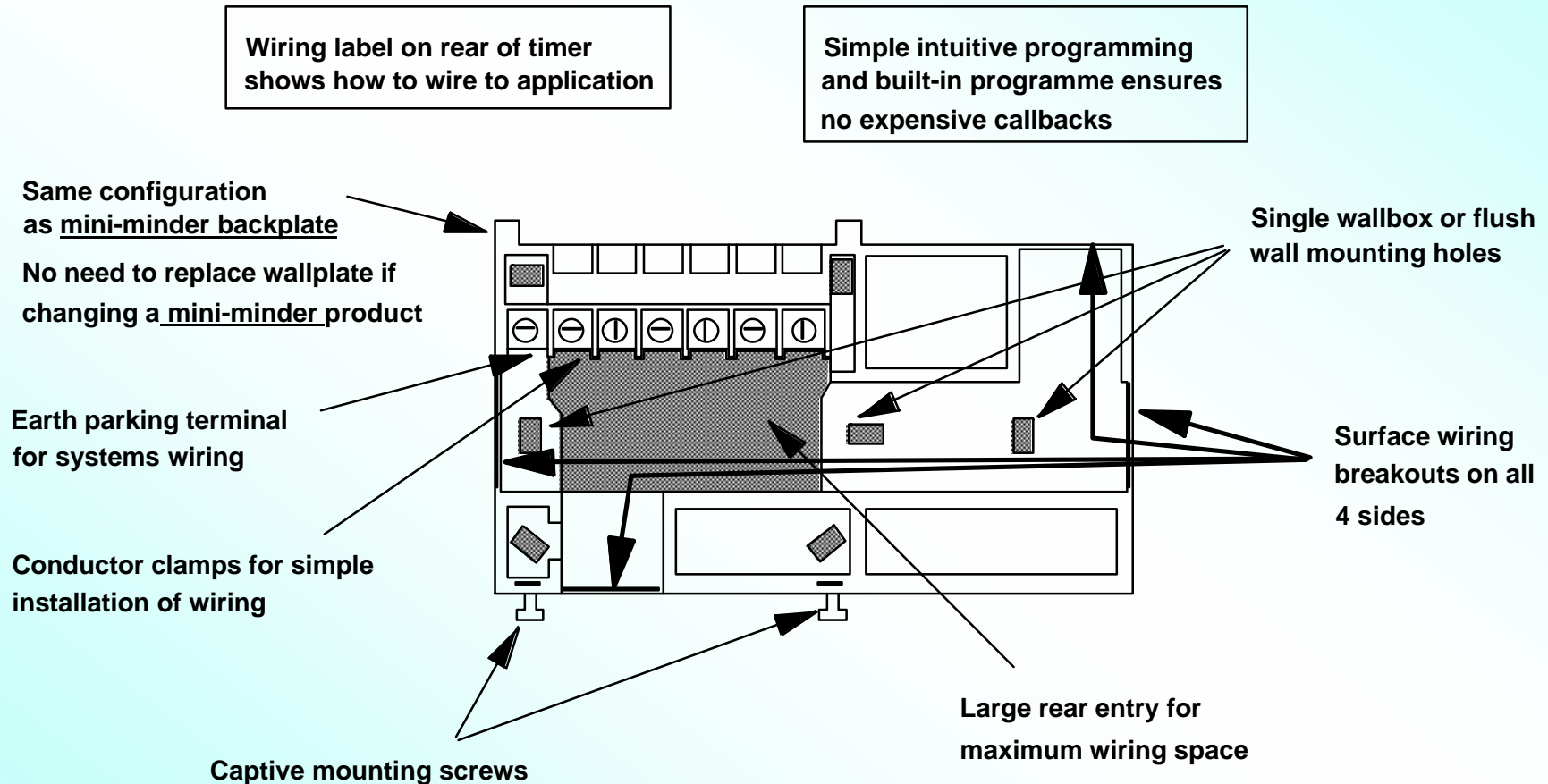
<u>OS NUMBER</u>	<u>PROGRAM</u>	<u>CHANNELS</u>	<u>CONFIGURATION</u>
ST799A1003	7-DAY	2	Linked Heating + Hot Water programmes
ST699B1002	24-HOUR	2	Linked Heating + Hot Water programmes
ST6400C1003	7-DAY / or 5/2 DAY	2	Independent Heating + Hot Water programmes
ST6300A1007	24-HOUR	2	Linked Heating + Hot Water programmes
ST6200A1009	24-HOUR	2	Heating + Gravity Hot Water
ST6100C1009	7-DAY	1	Timer
ST6100A1001	24-HOUR	1	Timer

TIMER/PROGRAMMER APPLICATIONS

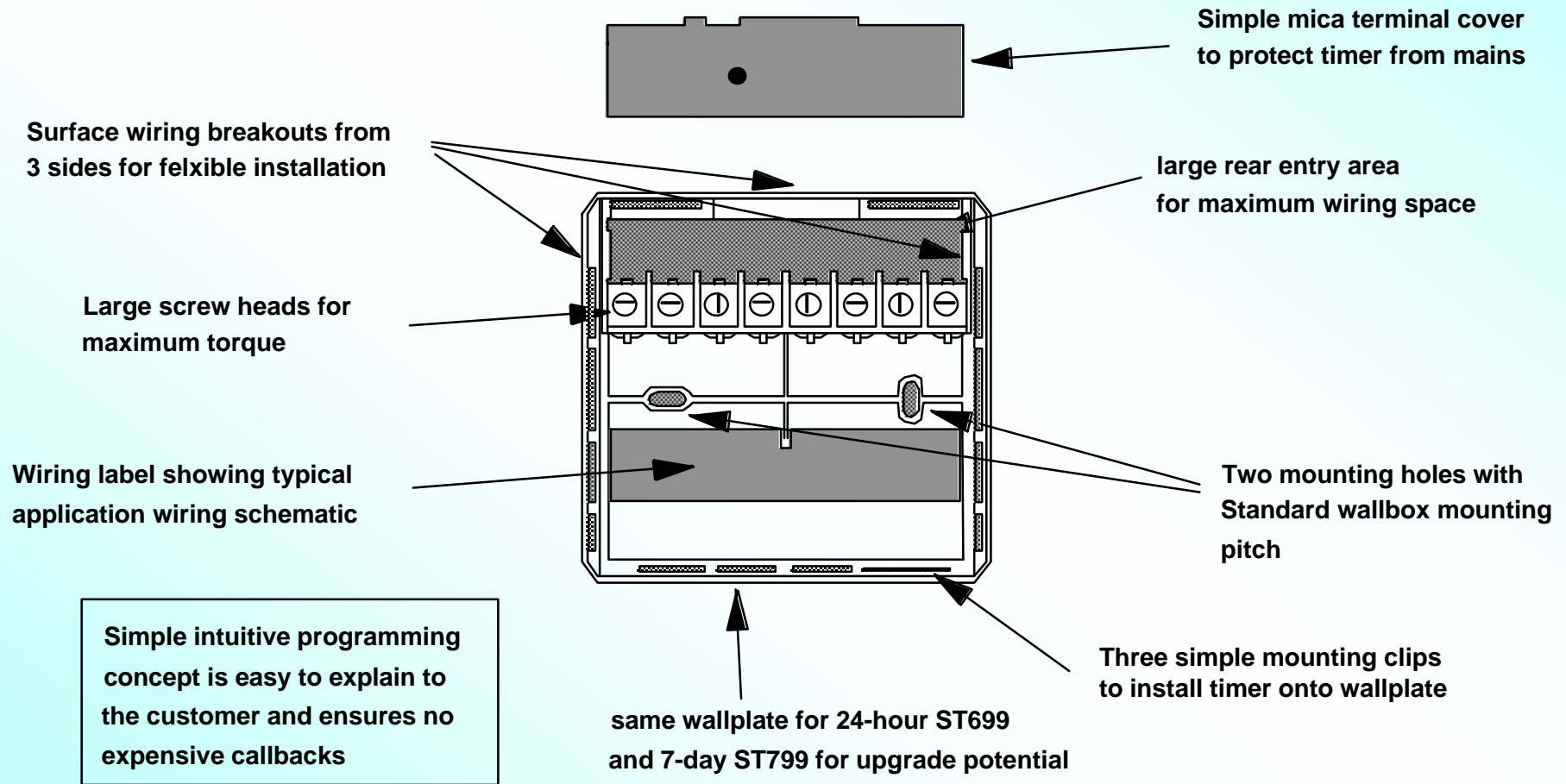
TYPICAL APPLICATIONS INCLUDE:

HYDRONIC HEATING	SINGLE ZONE / DUAL ZONE HEATING + HOT WATER
ELECTRIC HEATING	SINGLE ZONE / DUAL ZONE (VIA CONTACTOR)
LIGHTING CONTROL	SINGLE ZONE / DUAL ZONE TIMING CONTROL
SWIMMING POOL	CIRCULATION TIMING AND DOSE CONTROL
AIR CONDITIONING	SINGLE / DUAL ZONE FAN / CHILLER CONTROL
APPLIANCE CONTROL	WASHING MACHINE / TUMBLE DRIER / DISH WASHER

ST6000 FEATURES FOR THE INSTALLER



ST699/799 FEATURES FOR THE INSTALLER



ST6400 FEATURES FOR THE USER

ST6400C: 7-day programme or Weeday/Weekend programme by change over switch at rear of product

Simple programming concept using a combination of sliders and buttons

Independent programming of heating and hot water programmes

Large clear LCD display

Three ON/OFF programme periods daily
Programmable in 10 minute steps and past midnight

"ON" status indicators show when heating/hot water are on at a glance

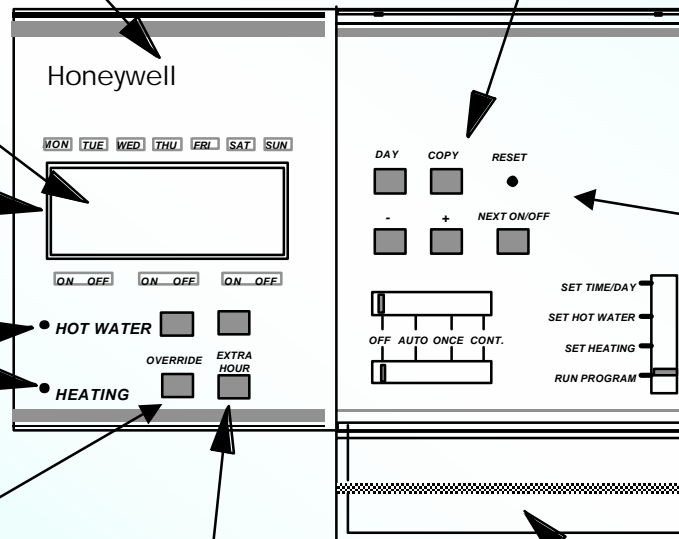
Temporary programme override buttons to provide a programme advance to the next heating period

Extra-hour override buttons supply 1 hour boost or extension of present programme period

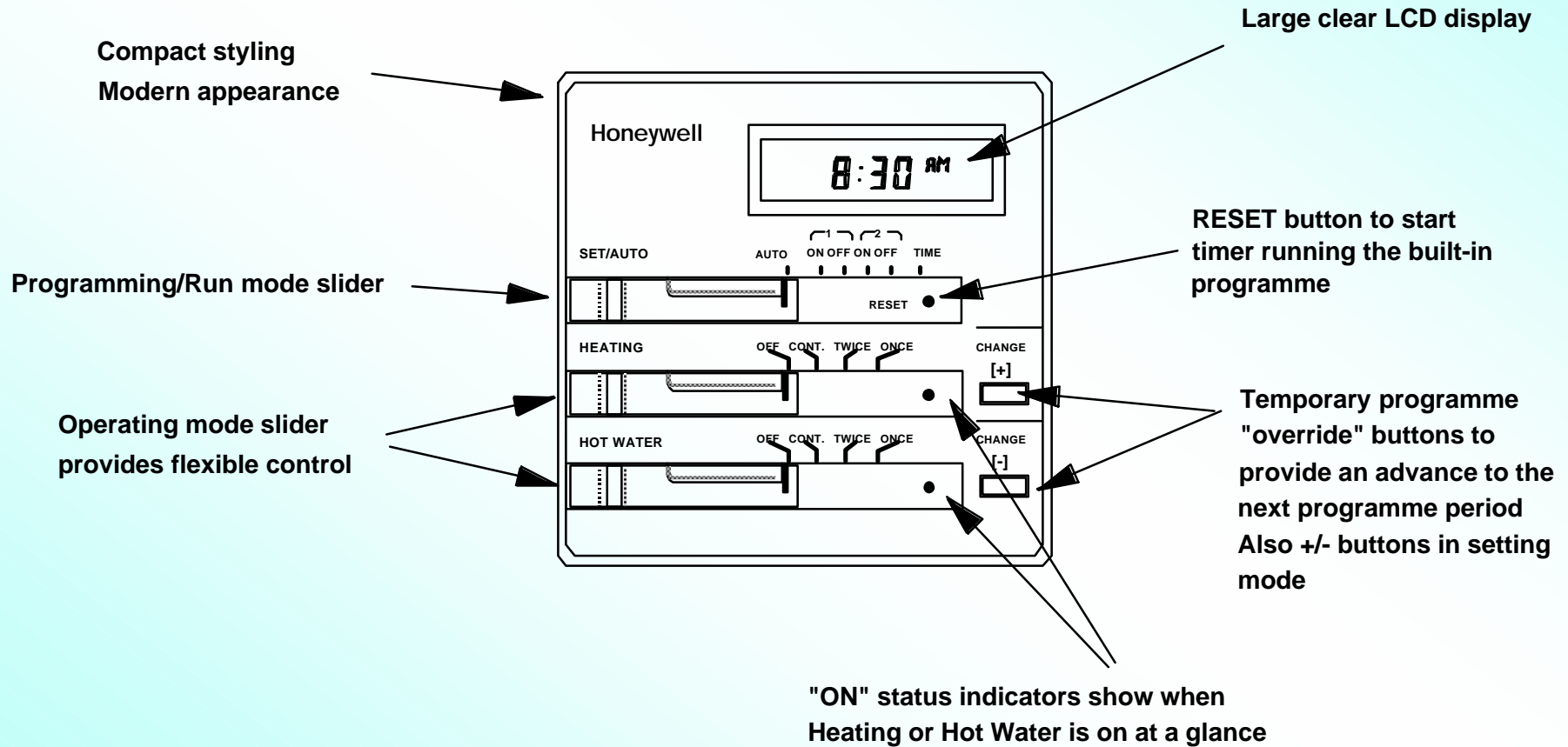
RESET button to start programmer running to the built-in programme

Independent control of heating and hot water using ergonomically friendly sliders

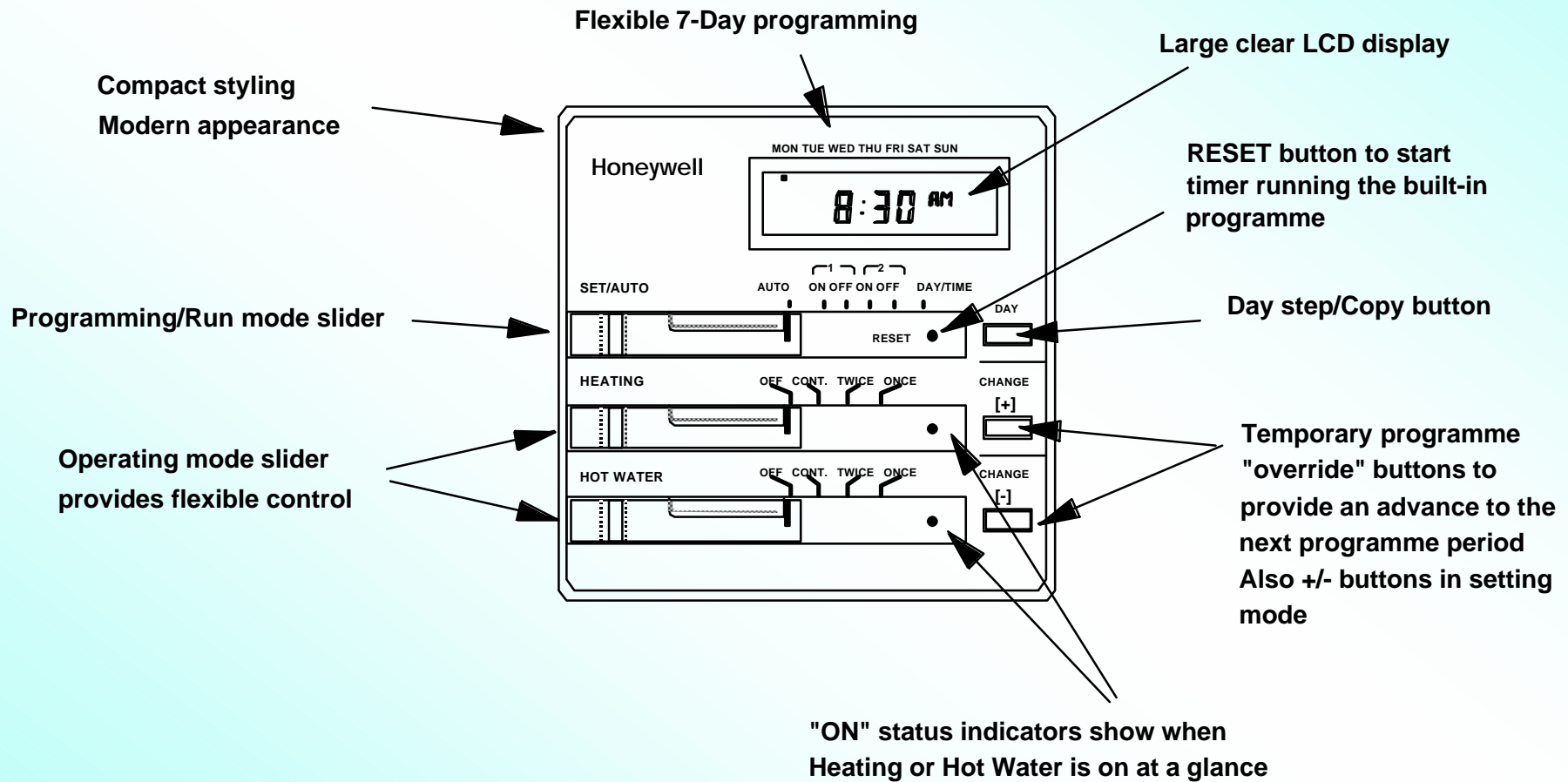
Programming controls cover to hide infrequently used controls to simplify look of the product



ST699 FEATURES FOR THE USER



ST799 FEATURES FOR THE USER



ST6000 SERIES SPECIFICATION

TYPE	PROGRAMME				CHANNELS	ON/OFF PERIODS	BUILT-IN PROGRAM
	7-DAY	5/2-DAY	24-HOUR	2-INDEPENDENT			
ST6400C	★	★		★	2	3	★
ST6300A			★		2	2	★
ST6200A			★		HW/CH+HW	2	★
ST6100C	★				1	3	★
ST6100A			★		1	2	★

ST6000 SERIES SPECIFICATION

Product:	ST6400: Full programmer ST6300: Standard programmer ST6200: Mini-programmer ST6100: Timer
Power supply:	ST6000 series: 230volts a.c., 50/60 Hz
Power reserve:	Minimum 2 days
Switch rating:	ST6400/300/200: 2 x SPDT, 230volts a.c., 3(3) amps ST6100A/C: 1 x SPDT relay (potential free), 230volts a.c., 3(3) amps
Programme time resolution:	10 minutes between 03:00am and 02:50am (on next day)
Programme override(s):	All models (advance next programme time)
Extra-hour feature:	All models
Controls cover:	All models (mini-programming guide inside controls cover)
Operating limits:	0-50 Deg.C, 0-90% RH (non condensing)
IP rating:	IP20
Dimensions (LxHxW):	97 x 145 x 51mm
Mounting:	Wall surface or single wallbox (with 60mm hole pitch)

ST699/799 SERIES SPECIFICATION

Programme:	ST699: 24-hour ST799: 7-day
Channels:	2 outputs controlled via single programme
ON/OFF periods:	2 per day
Power supply:	220/240 volts a.c., 50/60 Hz
Power reserve:	Minimum 4 days
Switch rating:	2 x SPDT relays (potential free), 220/240 volts a.c., 3(3) amps
Built-in programme	All models
Programme time resolution:	10 minutes between 03:00am and 02:50am (on next day)
Programme override(s):	All models (advance next programme time)
Operating limits:	0-50 Deg.C, 0-90% RH (non condensing)
IP rating:	IP20
Dimensions (LxHxW):	100 x 100 x 44mm
Mounting:	Wall surface or single wallbox (with 60mm hole pitch)

ST699/799 KEY BENEFITS OVER COMPETITION

- ✦ **SIMPLE TO UNDERSTAND**
- ✦ **SIMPLE TO PROGRAMME**
- ✦ **SIMPLE TO INSTALL**
- ✦ **AROUND 1 MILLION INSTALLED UNITS**
- ✦ **NEON INDICATORS TO SHOW WHEN OUTPUT "ON"**
- ✦ **COMPACT SIZE**
- ✦ **POTENTIAL FREE RELAY CONTACTS**

ST6000 KEY BENEFITS OVER COMPETITION

- ★ **COMPLETE PRODUCT RANGE**
- ★ **SIMPLE TO PROGRAMME**
- ★ **SIMPLE TO USE ON A DAILY BASIS**
- ★ **SIMPLE TO INSTALL**
- ★ **CONTROLLER FITS COMMON (MINI-MINDER) WALLPLATE**
- ★ **SURFACE WIRING ACCESS FROM ALL FOUR SIDES**
- ★ **POTENTIAL FREE RELAY CONTACTS (Timers only ST6100A,C)**
- ★ **EXTRA-HOUR OVERRIDE**
- ★ **3 ON/OFF PERIODS PER DAY (ST6400C, ST6100C)**
- ★ **NEON INDICATORS TO SHOW WHEN OUTPUT IS "ON"**
- ★ **MODERN STYLING**

COMPETITIVE ANALYSIS

	ST6100C ACLP711		ST639 ACLP241		ST6400 ACLP722	
NUMBER OF CHANNELS	1	1	2	2	2	2
NUMBER OF PROGRAMMES	1	1	1	2	2	2
POWER SUPPLY	230V	230V	230V	230V	230V	230V
BACKUP TYPE	NICAD	NICAD	NICAD	NICAD	NICAD	NICAD
BACKUP PERIOD	1 WEEK	3 WEEKS	1 WEEK	3 WEEKS	1 WEEK	3 WEEKS
PROGRAMME TYPE	7 DAY	7 DAY	24 HOUR	24 HOUR	7 DAY	7 DAY
MANUAL OVERRIDE	YES	YES	YES	YES	YES	YES
EXTRA-HOUR	YES	NO	NO	NO	YES	NO
NUMBER ON/OFF PERIODS	3	2	2	2	3	2
SEPERATE DHW PROGRAMME	-	-	NO	YES	YES	YES
RELAY RATING	3(3)A	2(1)A	2(2)A	2(1)A	3(3)A	2(1)A
MINI TRUNKING ACCESS	YES	YES	YES	YES	YES	YES
MINIMINDER COMPATIBLE	YES	YES	NO	YES	YES	YES
BACKLIGHTING	NO	YES	NO	YES	NO	YES
PROGRAMME RESOLUTION (minutes)	10	10	10	10	10	10
SIZE (HxLxW in MM)	97x145x51	93x148x31	100x100x44	93x148x31	971x145x51	93x148x31
FLAP	YES	YES	NO	YES	YES	YES