

ProgramaStat

Heating Programmer Comparison Guide



A **theben** Group Company

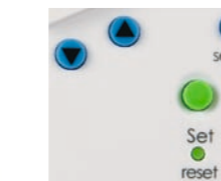


10 Great Reasons for Choosing Programastat



1 Latest benefits implementing the latest technology.

2 Complete range is all electronic.



3 Easy to use & programme.

4 Latest PID control.



5 Large blue screen displays with backlighting.



6 1, 2, 3 & 4 Channel versions available.

7 Automatic summer/winter changeover.



8 Optimum Start thermostats.

9 Modern design family range.



10 Unique 'Blueline' temperature scale indicator.

Whatever the central heating application you need to control, Timeguard can provide the answer with the new Programastat range.

When replacing a central heating programmer don't just fit what was there before, upgrade to Programastat.

This easy to use guide shows you which Programastat heating controller is a perfect match. Often you can simply plug in without needing to rewire.

All you have to do is locate the existing programmer in the left hand column, then simply follow the line to the far right to find the recommended Programastat replacement.

Product features have been designed to cover the needs of the installer and user with simplicity in mind, all backed up by Timeguard's three year product guarantee.



Quick Comparison Chart

This 'Quick Comparison Chart' provides a 'nearest to' comparison to ProgramaStat. Competitors products listed may not have the same features, wiring or time periods. For full details see pages 3 to 6.

Please compare the manufacturers technical data to ensure suitability. Whilst every care has been made compiling this chart Timeguard accept no responsibility for errors or omissions.

Timeguard Description	Timeguard ProgramaStat	ACL-Drayton (Invensys)	Danfoss Randall	Honeywell	Horstmann	Sunvic (Formally Satchwell)	Potterton / Myson	Salus	Siemens (Landis & Staefa, Landis & Gyr)
Electronic room thermostat	TRT030	RTS1 RTS2 with LED	RET-B RET230P RTE230			TLX5101 TLX5301	PRT1	RT200	RDD10
Wall mounting mechanical room thermostat	offer TRT030		RMT230	T6360B (cover extra)	HRT2 HRT3	TLX2259 TLX2356	MRT1	RT100	RAA20
Electronic frost thermostat with anti-tamper cover	TRT031	RTS 3	RET230F5 (fixed temp)			TLX5101		FT100	
Wall mounting mechanical frost thermostat with anti-tamper cover	offer TRT031			T4360		TLM2257 TLX2360			RAD1 (fixed temp)
Digital room thermostat with night set back	TRT033	Digistat+	RT51	DT90E	DRT1	TLX7501		RT300	RDH10
7 day digital programmable room thermostat with frost protection	TRT035	Digistat+3	TP5000 TP7000	CM907	CentaurStat 7 DRT2 AS2	TLX6501 and SIMPRO		RT500	RDJ10 REV200 REV24
Wireless 7 day digital programmable room thermostat with frost protection	TRT037	Digistat+3 RF RF700SX	TP7000RF + RX1	CMT927	AS2RF	TLX RFP		RT500RF	RDJ10RF REV200RF REV24RF
7 day (or 5+2 day) digital 1 channel programmer for central heating	TRT034	LP711 Tempus 1 Tempus 2	ST715Si GP103E7	ST9100C	CentaurPlus C17 ChannelPlus H17XL	107XLS	EP4002 EP5002 MEP1C	EP100	RWB7 RWB27
7 day (or 5+2 day) digital 2 channel programmer for central heating and hot water	TRT036	LP522 LP722 Tempus 6 Tempus 7	CP715 FP75 FP715 FP715Si FP975 GP102E5	ST6400C ST9400C ST799A	CentaurPlus C27 ChannelPlus H27 H27XL and H27ZXL	207XLS	MEP2C MEP20 EP3002 EP6002	EP200	RWB20 RWB29 RWB252
7 day (or 5+2 day) digital 3 channel programmer for central heating and hot water	TRT038				ChannelPlus H37XL ChannelPlus H37VXL	307XLS			
7 day (or 5+2 day) digital 4 channel programmer for central heating and hot water	TRT039				ChannelPlus H47XL				
Cylinder/Pipe thermostat	TRT044	HTS3...PTS1	ATC...ATP	LA641 LA6190B	HCT2	SA2452	MCT1	CT100	RAM1
Wiring centre box	TRT049	LWC1		42005748-001		SWC2202	MWB16	TC100	JB1



TRT030



TRT031



TRT032



TRT033



TRT034



TRT035



TRT036



TRT037



TRT038



TRT039



TRT044



TRT049

Replacement Programmer Wiring Guide

Before removing any existing programmer it is essential to make a note of wire colours, terminal positions and numbers in relation to the existing backplate. The charts below only include programmers or timeswitches where wiring changes are necessary when fitting our recommended replacement. Where a direct plug-in replacement is available or where terminal connections do not change the appropriate replacement is shown on the Electronic Heating Programmer Replacement Chart (pages 3 to 6).

Make and Reference Number		HW OFF	CH OFF	HW ON	CH ON	E	N	L
Timeguard Single Channel	TRT034	-	NC1	-	NO1	-	N	L
Timeguard Two Channel	TRT036	NC2	NC1	NO2	NO1	-	N	L
Siemens... Landis & Gyr, Landis & Staefa	RWB2/20/40/200/252/270/XP/9	1	2	3	4	-	N	L
ACL-Drayton... Invensys	MP	-	-	6	10	-	2	1
	FP	8	11	6	10	-	2	1
	2000	HW OFF	CH OFF	HW ON	CH ON	-	N	L
	112	-	-	3	4	-	N	L
	241/522/722	1	2	3	4	-	N	L
	Tempus 314/7	1	2	3	4	-	N	L
Glowworm	Mastermind	1	2	3	4	-	N	L
Honeywell	ST499A	-	-	6	3	-	N	L
	ST6998B/ST699C	7	4	6	3	-	N	L
	ST6300A/ST6400C	1	2	3	4	-	N	L
	ST7100	7	4	8	5	-	N	L
Horstmann	525/527	3	6	1	4	-	N	L
	Centaur TC1/TC7	2	-	3	4	-	N	L
	Diadem/Tiara	3	6	1	4	-	N	L
	Gem	6	9	4	7	-	2	1
	Diamond 423	-	-	2	4	-	N	L
Potterton / Myson	411	-	-	3	4	-	N,1,8	L,2,9
	423/424	-	-	7,8	4	-	2,3	1
	Mini-Minder	1	2	3	4	-	*N	L
	EP2000/3000/2001/3001/6000	1	2	3	4	-	N	L
Danfoss Randall	102	-	-	1	2	-	5	6
	3020P	-	-	4	2	-	7,1	6
	3033	5	3	4	2	-	7,1	6
	3060	-	-	4	2	-	7,1	6
	Set2/Set5	3	6	1	4	-	N	L
	4033	5	3	4	2	-	N	1,6
	701/702	4	2	3	1	-	N	L
	922/972	1	4	3	6	-	N	L

Make and Reference Number		HW OFF	CH OFF	HW ON	CH ON	E	N	L
Timeguard Single Channel	TRT034	-	NC1	-	NO1	-	N	L
Timeguard Two Channel	TRT036	NC2	NC1	NO2	NO1	-	N	L
Sangamo	409-1	-	-	2	5	-	N	L
	409-3	4	2	5	1	-	*N,1,3	7
	409-4	-	-	2	5	-	3,6	L
	410-1	2	7	1	8	-	*N,1,3	3,6
	410-2	2	7	-	8	-	4,5	1,3,6
	410-3	1	2	7	8	-	4,5	6
	414	2	7	1	8	-	4,5	3
Sunvic (Satchwell)	DHP2301	8	5	6	3	-	1	2
	ET1401/1451	8	5	7	4	-	1	2
	SP2	1	4	3	6	-	N	L
	SP50	1	4	2	5	-	N	3
	SP100	1	4	2	5	-	N	L
Smiths Industries	Controller 10/100	-	-	3	2	-	N	L
	Controller 60/70/90	-	-	4	5	-	1	2
	Superswitch	-	-	4	1	-	2	3
Switchmaster	320	-	-	3	1	-	N,2	L
	350	-	-	3	1	-	N,2	L
	400/600	-	-	3	1	-	N	L
	800/805/900/905/9000/9001	4	2	3	1	-	N	L
		900/9000/9001	3	6	1	4	-	N
Sonata Symphony								
Tower	DP72	1	2	3	4	-	#N	L
AMF Venner	CHC / W2/80	-	-	2	AS	-	\$N,1,3,4	L
	T20/T30	-	-	2	6	-	\$N,2,3	L
	80M/80PM	1	4	2	AS	-	#N,3	L
	80P	-	-	2	AS	-	#N,1,3	L

Notes

When replacing the Siemens RWB20 a neutral connection to the backplate is required.

* Link old 4+6 in separate terminal block.

On Venner units (AS) terminals X2 if both wired. One goes to CH ON (NO1) on TRT036 and you will have to link the remaining (AS) terminal and the wire from terminal 5 together.

\$ Link wires 5+4 from the old unit in a separate terminal block together.

Important

Whilst we have tried to ensure accuracy, this chart was compiled from previously held data and may contain errors, please check carefully and ensure no links have been omitted. Timeguard can accept no responsibility for errors or omissions.

Please ensure you have used the correct data and check that all screws are tight. Installation should be carried out by a suitably qualified person in accordance with the IEE Wiring Regulations.

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