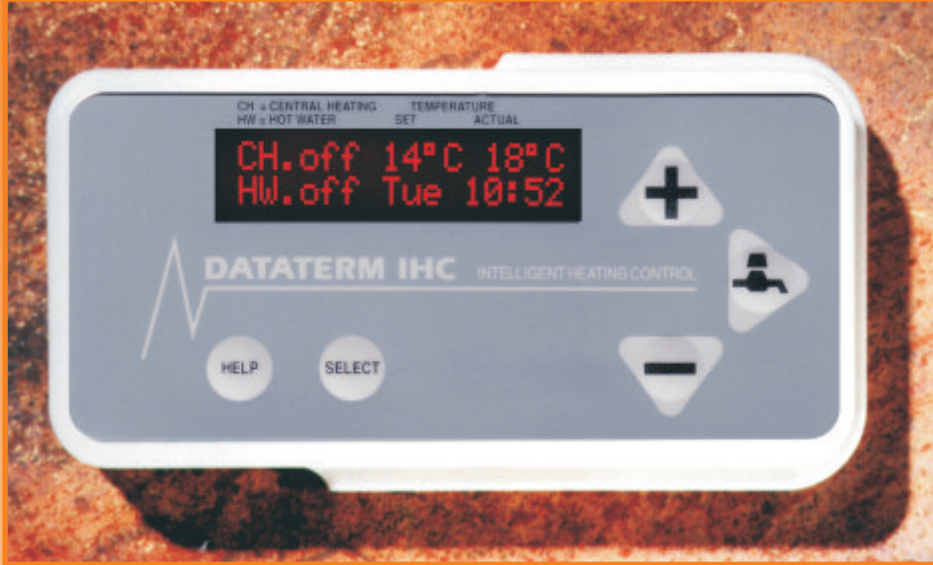


Dataterm IHC User Guide



What is Dataterm IHC?

Dataterm IHC is an intelligent heating control. It has advanced abilities which a simple programmer and room thermostat cannot offer. It uses fuel economically and is dedicated to your comfort.

How does it Work?

Dataterm IHC does the thinking for you, it has 30 inbuilt heating plans and the facility for 3 individual custom plans. Simply choose one to suit your requirements and your heating and hot water will be run efficiently for as long as you wish.

Using any one of the 3 custom plans Dataterm IHC will give you exactly the temperature at the time required, with up to 8 set-points per day. This should cater for the most demanding life styles.

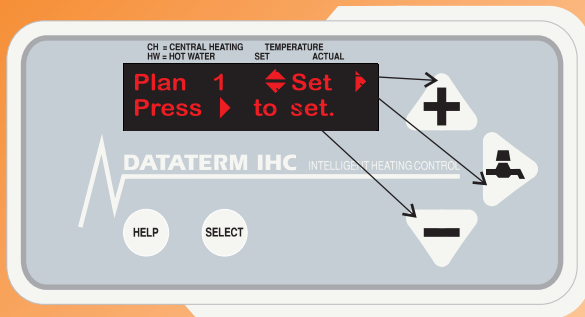
What Next?


On the next page you will see how easy it is to put Dataterm IHC to work. The built-in clock is already accurately set and needs adjusting only twice a year for summer / winter time. Apart from that all you need do is choose a plan to suit your needs and get it working.


See What's Happening:


1


The Display Screen and Keys.



 Use this key to temporarily raise the temperature and turn the heat on.

 The tap key is used to boost hot water and to move across the

 Use this key to temporarily lower the temperature and turn the heat off.

The Plus, Minus and Tap keys shown above also act as Up, Down and Right arrows, these are displayed on the screen when editing or setting plans and options. The position of the cursor is shown on the screen in the way of a flashing  long.



How to load a plan

2


CH. off 20°C 21°C
HW. off Fri 8:30

Press  Once


Plan 10  Set 
7:30 Mid All Day

Use  or  to find a plan from 1 to 33

Plan 2 Edit 
Use  or  Set 

Use  to set the plan

Plan 2  Set 
Press  to set.

Use  to confirm this

Plan 2 set. You need do no more!

Done...

Setting the Clock



3


Summer and Winter Time.

CH. off 20°C 21°C
HW. off Sun 8:30

Press  Twice

Set Clock
8.30 Sunday

Press  or  to change the hour






Use  for minutes & days





CH. off 20°C 21°C
HW. off Sun 9:30

Press  to return to normal display

Viewing time and temperature settings

4

Press  then  or  to select required plan, then press  followed by 

and then  view the set-points by using  or  When finished press  4 times.

Creating a personal plan:



5

Personal Plans 1-3 are for you to create. Simply follow the instructions below and enter the times and temperatures you require.

CH. off 20°C 21°C
HW. off Fri 8:30

Press  Once

Plan 1 Set
Personal Plan 1

Press  or  to reach personal plans 1,2 or 3

Plan 2 Set
Personal Plan 2

Press  to confirm your choice

Plan 2 Edit
Use or Set

Press  and then  to begin editing

Begin Editing. #1 is the first of mondays 8 set-points.

Editing plan 2.
Mon#1 °C 0:00

Press  &  or  to set chosen temperature




Editing plan 2.
Mon#1 18°C 7:00


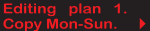

Press  &  or  to fix set-point hour

Editing plan 2.
Mon#1 18°C 7:20

Press  &  or  to fix minutes (5 minute increments)










Editing plan 2.
Mon#2 --°C --:--

Press  &  or  to progress through the 8 set-points

If your set-points for Monday are the same for all days of the week then press  until you see this display,  then press  the plan is now copied and all that remains is to program the hot water or continue as above to enter the individual daily set-points.

Hot Water

6

Pressing  will run through all of the days, when you reach "HW#1" Stop, This is set-point #1 for the hot water. Press  once followed by  once, this will give an "ON" press  again for an "OFF" Press  followed by  to set hour press  again to set minute followed by  again then  to set HW#2 and so on until you have finished.

Setting a plan

Press  once followed by  twice =  Done

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Heating and Hot Water Plans

7

DataTerm IHC comes with 30 built in plans and 3 user definable plans, numbered in the following way,
1-3 User definable (blank, time and temperature requirements needed.)
4-33 Built in ready to run plans, Please refer to 2 or 5 over leaf for help on selecting a plan or editing your own.

Plans 1,2,& 3 User Definable. Temperatures in **BLUE** represent **OFF** and **ON** in **RED**

PLAN 4 Warm All Day

Mon - Fri	06:30	20°C	17:00	21°C	19:00	22°C	22:00	14°C		
Sat	08:00	20°C	17:00	21°C	19:00	22°C	23:00	14°C		
Sun	01:00	14°C	08:30	20°C	17:00	21°C	19:00	22°C	22:30	14°C
H W	06:30	ON	08:30	OFF	13:00	ON	14:00	OFF	18:00	ON 22:00 OFF

PLAN 5 Cool All Day Heating as 4 above but generally 4°C lower

H W	06:30	ON	08:30	OFF	18:00	ON	22:00	OFF		
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PLAN 6 Warm All Day

Mon - Fri	07:00	20°C	17:00	21°C	19:00	22°C	22:30	14°C		
Sat	08:00	20°C	17:00	21°C	19:00	22°C	23:00	14°C		
Sun	01:00	14°C	08:30	20°C	17:00	21°C	19:00	22°C	22:30	14°C
H W	07:00	ON	09:00	OFF	13:00	ON	14:00	OFF	18:00	ON 22:30 OFF

PLAN 7 Mid All Day Heating as 6 above but generally 2°C lower

H W	07:00	ON	09:00	OFF	18:00	ON	22:30	OFF		
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PLAN 8 Cool All Day Heating as 6 above but generally 4°C lower

H W	07:00	ON	09:00	OFF	18:00	ON	22:30	OFF		
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PLAN 9 Warm All Day

Mon - Fri	07:30	20°C	17:00	21°C	19:00	22°C	22:30	14°C		
Sat	08:00	20°C	17:00	21°C	19:00	22°C	23:00	14°C		
Sun	01:00	14°C	08:30	20°C	17:00	21°C	19:00	22°C	22:30	14°C
H W	07:00	ON	09:00	OFF	13:00	ON	14:00	OFF	18:00	ON 22:30 OFF

PLAN 10 Mid All Day Heating as 9 above but generally 2°C lower

H W	07:00	ON	09:00	OFF	18:00	ON	22:30	OFF		
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PLAN 11 Cool All Day Heating as 9 above but generally 4°C lower

H W	07:00	ON	09:00	OFF	18:00	ON	22:30	OFF		
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PLAN 12 Mid All Day

Mon - Fri	08:15	18°C	17:00	19°C	19:00	20°C	23:30	12°C		
Sat	08:30	18°C	17:00	19°C	19:00	20°C	23:30	12°C		
Sun	01:00	12°C	09:00	18°C	17:00	19°C	19:00	20°C	23:30	12°C
HW	08:00	ON	10:00	OFF	18:00	ON	23:30	OFF		

PLAN 13 Cool All Day Heating as 12 above but generally 2°C lower

HW	08:00	ON	10:00	OFF	18:00	ON	23:30	OFF		
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PLAN 14 Mid All Day

Mon - Fri	00:00	12°C	09:00	18°C	17:00	19°C	19:00	20°C		
Sat	00:00	12°C	08:30	18°C	17:00	19°C	19:00	20°C		
Sun	00:00	12°C	01:00	12°C	09:00	18°C	17:00	19°C	19:00	20°C
HW	08:00	ON	10:00	OFF	18:00	ON	23:30	OFF		

PLAN 15 Cool All Day Heating as 14 above but generally 2°C lower

H W	08:00	ON	10:00	OFF	18:00	ON	23:30	OFF		
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PLAN 30 *Background heat all day*

Mon - Fri	08:00	14°C	11:00	14°C	13:00	14°C	15:00	14°C	17:00	14°C	19:00	14°C	21:00	14°C	23:00	10°C
Sat	08:00	14°C	11:00	14°C	13:00	14°C	15:00	14°C	17:00	14°C	19:00	14°C	21:00	14°C	23:00	10°C
Sun	08:00	14°C	11:00	14°C	13:00	14°C	15:00	14°C	17:00	14°C	19:00	14°C	21:00	14°C	23:00	10°C
HW	Use boost key for 1 hour advance															

PLAN 31 *Heating as 30 above but temperatures generally 2°C higher*

PLAN 32 *Holiday Plan - No Hot Water 7°C 24 hours*

Mon - Fri	08:00	07°C	11:00	07°C	13:00	07°C	15:00	07°C	17:00	07°C	19:00	07°C	21:00	07°C	23:00	07°C
Sat	08:00	07°C	11:00	07°C	13:00	07°C	15:00	07°C	17:00	07°C	19:00	07°C	21:00	07°C	23:00	07°C
Sun	08:00	07°C	11:00	07°C	13:00	07°C	15:00	07°C	17:00	07°C	19:00	07°C	21:00	07°C	23:00	07°C

PLAN 33 *Holiday plan as 32 above but 12°C 24 hours*

- ◆ **How does Dataterm differ from an ordinary room thermostat?**
It learns how your building responds to heating and cooling, and uses this memorized data to avoid atmospheric variations.
- ◆ **How do I guess the "early start" time for my heating, to be warm when I get up?**
You don't need to any more. Dataterm will get you to within 1°C of your set temperature on time, to give you comfort without wasting your money.
- ◆ **Does this mean that Dataterm takes decisions away from me...so I'm not in control?**
Just the opposite. Dataterm obeys "set-point" instructions, creating warmth at the level you choose, at times you dictate - offering up to 8 periods a day, without fuss.
- ◆ **Does this involve much complex plan programming, with so many possible variations?**
No. There are 30 built-in plans, sections 2 & 5 on the other side of this guide show how to get any plan working instantly.
- ◆ **How do I review or check all the set-point times & temperatures in these built-in plans?**
You need to use the "view" function of Dataterm: press the SELECT key, then the tap symbol key, then the + key and the tap key again, you can view the set-points for any plan.
- ◆ **What can I do if none of these built-in plans are really suited to my needs?**
Dataterm gives you the power to create ("edit") your own personal plans, so you can store three different custom built plans in the three memories provided.
- ◆ **What do the symbols on the Dataterm display screen mean?**
Dataterm control is designed around three arrows - shown as small black triangles on the screen. When a screen arrow flashes, for action just press the same shape key.
- ◆ **What can I do if I need help in the middle of adjusting Dataterm?**
Easy. Use the HELP button, and the screen messages will steer you to safety. Because they are context-sensitive, they relate to the topic you need help with.
- ◆ **Can I over ride a heating plan which is already running automatically?**
Yes, at any time. Press the plus or minus buttons to change temperature temporarily, and the heating plan will resume when the next set-point comes along
- ◆ **Does Dataterm start the heating at once when I ask for more warmth?**
Yes. Dataterm uses advanced 'fuzzy logic' which intelligently disregards short-term fluctuations - so it takes adequate time to confirm a real change before switching fully on.
- ◆ **What does the tap symbol mean?**
In addition to planned hot water, pressing this button gives you an hour's extra hot water boost. Pressing it again turns the boost off. The screen shows what's happening.
- ◆ **What else will Dataterm do?**
Dataterm will protect your building from frost and can reduce condensation, depending upon the heating plan you have chosen.
- ◆ **Is there any way of knowing how long my heating has been on?**
Dataterm will give running totals for how long heating has been switched on. Simply press the HELP key during normal operation.
- ◆ **Can I choose temperatures to be shown as Celsius (°C) or Fahrenheit (°F)?**
Yes. However, this is an adjustment which you should ask your installer to arrange to be carried out for you.
- ◆ **Who do I contact for help or advice with Dataterm?**
The HELP button displays a series of screens: the last one gives a 'phone help number.