JOULETEMP

COOL AND FREEZER ROOM CONTROL

► Cooling, heating and humidity control with defrost ◀



Current Temperature -1 8°C Control Status Cooling C Section 1 8°C Section 1 8°C Control Status Cooling C Section 1 8°C Section 1

- JouleTemp represents a new concept in room controls full cool room control, alarm and monitoring functions in a standalone control with ethernet communications via your computer's web browser. Includes 2 stages of cooling (with defrost), 2 stages of heating plus humidity control.
- Cooling, heating & humidity* control
- High-precision temperature sensor included with 0.1°C resolution
- Real-time clock with battery
- Time/date stamped data logging
- PID control option
- Ethernet port & free Modbus TCP
- Designed and manufactured in Australia to international standards
- Alarm buzzer on board
- Major upgrade for TACm installations
- Straight, tilt and panel-mount options
- Door monitor and alarm
- Cryogenic fridges sensor option
- No software to install browser based
- Colour-coded temperature graphing
- Event log tracks alarms
- Password-protected programming

· Import/export set-up text file

Precision temperature sensor included





*humidity sensor optional

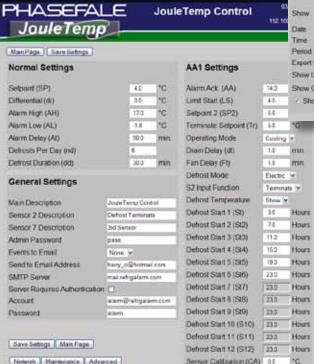


JOULETEMP NOT JUST A CONTROL – THE SOFTWARE IS BUILT IN

PHASEENIE

The main screen shows control, temperature, alarm and defrost status. The graph is colour-coded to quickly recognise control and alarms etc. Status icons are animated.

One of three programming screens; each is password protected where settings are viewed and/or changed.



Temperature

-0.2 °C

-02°C

1.3°C

4.8°C

4.7°C

4.4°C

27.1 °C

27.1 °C

27.0 °C

26.7 °C

26.6 °C

26.9 °C 34.4%

34.4%

35.4%

35.6%

35.6%

35.6%

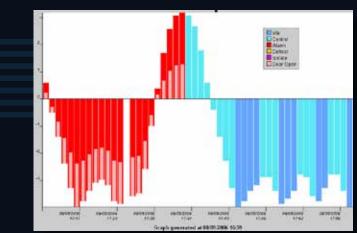
356%

Joul	eTe	mp	1			,p contact	192,168
			40		_		
			Je	uleTemp Control			
Current Temperature:		4.0 °C	Control Status	Off	B EF	Last Alarm	28/08/2007
Setpoint		4.0 °C	Alarm Status	Memory	M	Defrost Terminate	24.5 °C
Differential		0.0 °C	Defrost Status	Drain 0.0 min left	Fd	Last Defrost	31/08/2007
Range Offset		0.0 °C	Door Monitor:	Open		Next Detrost	01/09/2007
Humidity		32.8%	Humidity Control:	Off	577		
		Refesh.	Acknowledge Alarm	Start Defrost Ten	minate Defe	ost Programming	
Period 1 Export to Excel Show Logs	Hour •	/ 1980 Future Defroit Term	4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4	dribb, dr. o			Idle Control Control Alarm Queboi Isolati Isolati Ubos Open
and a graph	y11 0 10 0		674	Temperature ov			6.42
*C						- ALL AND THE STATE OF THE STAT	

JouleTemp Control

11:06

15:57



Specify a graph by time and date plus duration. The graph includes colour-coded status plus door open or close and a mouse-over display of the data point.

Event logs provide alarm reporting and status. Periodic logs provide CSV data for export.

▼ JouleTemp can also transmit alarms and events via email/SMS*
(*SMS via email requires paid service)



Why Phasefale?

24/08/2007 16:13:50 Door Monitor (DOR) Changed

24/08/2007 16:13:31 S7 Name Changed

24/08/2007 16:13:30 S2 Name Changed

24/06/2007 14:15:15 Humidity Calibrate

20/08/2007 14:02:24 Defrost Initiated

20/08/2007 13:53:45 Defrost Duration (dd). Changed

20/08/2007 14 03 24 Terminate Setpoint (Tr) 5 1 °C

Phasefale has been a pioneer and leader in Australian temperature control and alarm systems since 1980. Our range is designed and manufactured in Australia. Call us now to discuss your alarm and control needs.

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- ▶ Fax
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▶ Address

Phasefale Controls Pty Ltd 83 Taunton Drive Cheltenham VIC 3192

42.3 Off

423 'C

42.3 °C

42.2 °C

42.2

42.1 *C

42.2

42.1

Off

Off

Off

Off

Off

Off

► Email sales@phasefale.com.au

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