

JTL COLDSTORE MONITOR ITEM NUMBERS					CR120	
ITEM	DESCRIPTION	CODE	CODE MEANING	BIT	RANGE	ITEM 9 VALUE
				4321		
0	Unit type	cr 12	Unit type			
1	Unit number				0.1 - 899.9	
6	JTL Network Communications speed	v0.00.0 only				
		4800 600	Baud rate Baud rate			
		v0.00.1 on				
		38.4 4.8	Kilobaud rate Kilobaud rate			
7	2/4 wire Communications Choice (Half / Full duplex)	HALF FULL	2 wire 4 wire		0 - 1	HALF
9	Set default values selected by Bitswitch				0 - 1	
PROCESSOR ALARMS						
10	Processor alarms (11 - 17)	0 1 - 255	No alarms Check 11 - 17			
11	Static RAM Fault	Clr rA.Ft	No fault Fault			
12	Program/counter fault	Clr PC.Ft	No fault Fault			
13	Stack pointer fault	Clr SP.Ft	No fault Fault			
14	Background loop fault	Clr bL.Ft	No fault Fault			
15	PROM checksum fault	Clr Pr.Ft	No fault Fault			
16	NVRAM fault	Clr n.Ft	No fault Fault			
17	Instruction TRAP fault	Clr tP.Ft	No fault Fault			
MISCELLANEOUS DATA						
19	Software Version number					
TEMPERATURES						
21	Air on temperature Channel 1					
22	Evaporator temperature Channel 1					
23	Air on temperature Channel 2					
24	Evaporator temperature Channel 2					
DEFROST INFORMATION						
45	Network initiated defrost selection	v0.00.0 only				
		n.l.dF oFF	Enabled Disable		0 - 1	oFF

JTL COLDSTORE MONITOR ITEM NUMBERS					CR120	
ITEM	DESCRIPTION	CODE	CODE MEANING	BIT	RANGE	ITEM 9 VALUE
				4321		
MISCELLANEOUS SETTINGS						
47	Period over which average temperatures are taken				00:30 - 03:00	01:00
55	Invert plant inputs	v0.00.0 only				
		no YES	Input present = alarm Input absent = alarm		0 - 1	no
62	Network controlled Shutdown selection	oFF Sh.dn	Disabled Enabled		0 - 1	oFF
65	Invert defrost inputs	no YES	Input present = defrost Input absent = defrost		0 - 1	no
66	Invert plant inputs	v0.00.1 on				
		no YES	Input present = alarm Input absent = alarm			
69	Number of defrosts expected per day	0 1 - 6	Disable alarm 94 Alarm enabled		0 - 6	3
INPUTS						
71	Input status NOTE: If more than one input is present the numbers shown in brackets are added together and displayed instead of the text	d.in.1 (1) d.in.2 (2) dCL.1 (4) dCL.2 (8) P1-1 (16) P1-2 (32) P2-1 (64) P2-2 (128)	Defrost input 1 Defrost input 2 Door closed input 1 Door closed input 2 Plant input 1 channel 1 Plant input 1 channel 2 Plant input 2 channel 1 Plant input 2 channel 2			
COMMON ALARMS						
80	Group alarm 81 - 88	0 1 - 255	No alarms Check 81 - 88			
85	Thermistor power supply fault	CLr PS.Ft	No fault Fault			
88	All probes faulty, deselected or disconnected	CLr t.SEn	No fault Fault			

JTL COLDSTORE MONITOR ITEM NUMBERS					CR120	
ITEM	DESCRIPTION	CODE	CODE MEANING	BIT	RANGE	ITEM 9 VALUE
				4321		
MISCELLANEOUS DATA						
89	Thermistor excitation value (Factory test)		Not used			
107	Defrost strategy selection	v0.00.1				
		0 nc.in iP.in	None Network initiated Input initiated		0 - 2	iP.in
		v0.00.4 on				
		0 nc.in nc.in iP.in iP.in t.in t.in	None Network initiated Input initiated Temperature initiated		0 - 6	iPin
CHANNEL DATA						
A general form of item number is shown below. The "x" shown in each item number should be replaced by the channel number (1-2). This sequence covers item numbers (101 -299) for channels 1 - 2.						
x01	Channel unit number				0.1 - 899.9	
x05	Channel selection	OFF C'x'.En	off Channel 'x' enabled		0 - 1	Enabled
TEMPERATURE DATA						
x21	Air on temperature					
x23	Evaporator temperature					
x26	Average air on temperature error					
x30	Cabinet temperature setpoint (target for item x21)				-35.0 to +10.0	-20
x32	Overtemperature alarm tolerance				0 - 25	10
DOOR ALARM DATA						
x33	Door open alarm time				20 - 80	50
x34	Time door has been currently open					
x35	Total time door has been open in last 24 hours					
SENSOR SELECTION						
x36	Air on probe selection	oFF AO.En	Disabled Enabled		0 - 1	AO.En
x38	Evaporator probe selection	oFF EP.En	Disabled Enabled		0 - 1	EP.En

JTL COLDSTORE MONITOR ITEM NUMBERS					CR120	
ITEM	DESCRIPTION	CODE	CODE MEANING	BIT	RANGE	ITEM 9 VALUE
				4321		
DEFROST DATA						
x40	Duration of last defrost					
x41	Time since end of last defrost					
x42	Duration of current defrost					
x46	Network initiated defrost command status	P.dEF F.dEF 0	Pack on defrost Pack on forced defrost Pack not on defrost			
x57	Defrost termination time limit				00:15 - 01:00	00:30
x58	Defrost initiation temperature (air off)	v0.00.2 on				
					0.0 - 30.0	15.0
MODES AND INPUTS						
x63	Network command for shutdown	run Sh.dn	Run Shutdown			
x70	Operating mode	rEFr dEFr dF.rc Sh.dn	Refrig. Defrost Defrost recovery Shutdown			
x71	Defrost input	oFF dF.iP	No defrost Defrost contacts closed			
x72	Door input	oFF dr.oP	Off Door open			
x73	Plant alarm input 1	oFF AL.iP	No alarm Alarm present			
x74	Plant alarm input 2	oFF AL.iP	No alarm Alarm present			
CHANNEL ALARMS						
x80	Group alarm 81 - 88	0 1 - 255	No alarms Check 81 - 88			
x81	Air on overtemperature	Clr C.Ht	No fault Fault			
x82	Plant alarm	Clr P.AL	No fault Fault			
x83	Air on probe fault	Clr AO.Pr	No fault Fault			
x87	Unit shutdown	Clr Sh.dn	Clear Shutdown			
x90	Group alarm 91-98	0 1 - 255	No alarms Check 91 - 98			
x92	Evaporator probe fault	Clr EP.Pr	No fault Fault			
x94	Expected defrosts have not been detected	Clr dEF.F	No fault Fault			