CONTENTS

JTL PLANT INTERFACE ITEM NUMBERS — IF14

ITEM	DESCRIPTION	CODE	CODE MEANING	BIT 4321	RANGE	ITEM 9 VALUE
			1. NETWORK IDENTIFICATION			
0	Unit type	IF14	Unit type			
19	Firmware version number					
30	Primary Interface number (see User Guide)	0 1 - 9	Condenser control (item 31=4) Compressor/defrost boards		0 - 9	
40	Secondary interface number (used when Item 32=3)	1	Compressor control (step)		0 - 9	
			2. INTERFACE PARAMETERS			
31	Primary Interface type NOTE: Interface type must be configured according to intended function; (see user guide)	3 4 7	Compressor control (step) Condenser and defrost control Compressor control (analogue)		0 - 15	
41	Secondary interface type (used when Item 32=3)	3	Compressor control (step)		0 - 15	
32	Operating mode	0 1 2 3	Conventional/ Legacy Staged compressor control Analogue control Combined analogue and Staged compressor		up to v1.00.2 0 - 2 from v1.00.3 0 - 3	0
33	Compressor control style (where compressor control selected)	0 1	Non xPLT style xPLT style		0 - 1	0
34	Analogue mode (SW2 must be set correctly)	0 1 2 3 4	4-20 mA 99 steps 4-20 mA 127 steps 0 - 5 V 127 steps 0 - 10 V 127 steps 0 - 10 V 99 steps		up to v1.00.5 0 - 3 from v1.00.6 0 - 4	0
35	Analogue backup value (v1.00.2 on) Depends on analogue mode. For condenser control, max output=99 For compressor control max output=127	0 - 127	Value of analogue output when pack serial bus communication fails			
36	Communication speed	0	600 baud			

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3. INPUTS & OUTPUTS Physical and logical inputs are normally the same except when inputs are forced. In this case the physical inputs report inputs that are physically present, and the logical inputs report the forced input value. Physical and logical outputs are normally the same except when outputs are forced. In this case the physical outputs report the outputs forced value (ie, which relays are actually turned on) and the logical outputs reports the unforced command state. Note: If more than one input is present, the numbers shown in brackets are added together and displayed instead.						
100	Input status (Physical)	1 2 4 8 16 32 64 128	Input 1 Input 2 Input 3 Input 4 Input 5 Input 6 Input 7 Input 8			
71	Input status (Logical)					
73	Output status (Physical)	1 2 4 8 16 32 64	Output 1 Output 2 Output 3 Output 4 Output 5 Output 6 Output 7			
74	Relay output status (as sent by main controller) Note: when operating in mode 3 (Item32=3)					
75	Relay output status (actual) Note: when operating in mode 3 (Item32=3)					
72	Output status (Logical)					
4. RESTORE FACTORY DEFAULTS						
9	Set default values	1234	Load default settings			
5. DIAGNOSTIC & TEST FUNCTIONS Forced functions remain forced if the Maintenance Unit remains plugged in. They are automatically cancelled 30 minutes after the Maintenance Unit is unplugged.						
101	Test outputs	0 1	Normal operation Test in progress		0 - 1	
78	Force inputs (See item 100)	0 1 - 255	Not forced Force inputs to read value		0 - 255	
79	Force outputs (See item 73)	0 1 - 127 128	Not forced Force outputs to value All outputs off		0 - 128	
10	Processor Alarms	0 32	No alarms NVRAM fault			
51	Latching input set status (Set to zero and any inputs set will latch set) (from v1.00.4)	0 - 255	Value of inputs		0 - 255	
52	Latching input clear status (Set to 255 and clear inputs will latch cleared) (from v1.00.4)	0 - 255	Value of inputs		0 - 255	