

# Commissioning Check List

Site Name/address: .....

Installing Company ..... Date: .....

Serviceman: ..... Tel: .....

Model: ..... Serial No: ..... Unit Site Ref: .....

Units is installed level?	Y / N	Return air filter fitted?	Y / N
Mounting springs adjusted & balanced?	Y / N	Is air flow set and balanced?	Y / N
Drain trap fitted (if applicable)?	Y / N	Are UC8 controller parameters set?	Y / N
Water drains tested okay?	Y / N	External electrical isolator fitted?	Y / N
Water connections checked?	Y / N	Refrigerant leak checked?	Y / N
Do units have adequate safe access?	Y / N	Certificate Of Compliance issued?	Y / N
All electrical terminals are tight?	Y / N	Has client had controls demonstrated?	Y / N
Thermostat type:	BMS / SAT-3 / TZT-100 / Other? (name):		

**Mark UC8 dip switch positions with an 'X'**

	SW1							
	1	2	3	4	5	6	7	8
On								
Off								

	SW2							
	9 (1)	10 (2)	11 (3)	12 (4)	13 (5)	14 (6)	15 (7)	16 (8)
On								
Off								

**Record the following UC8 monitored conditions, at least 10 minutes after compressor starts, using push button SW3 (repeat to scroll through list):**

**Cool Cycle:**

Low Pressure:	SLP	kPa
Evap temperature:	Et	°C
Suction Line temperature:	SLt	°C
Suction Superheat:	SSH	K
Discharge Line Pressure:	dLP	kPa
Condensing temperature:	Ct	°C
Discharge Line temperature:	dLt	°C
Discharge Superheat:	dSH	K
De-ice Sensor temperature:	ICEt	°C
Required Capacity:	CAP	%
Expansion Valve 1:	EE1	%
Expansion Valve 2:	EE2	%

Return air temperature:	°C
Supply air temperature:	°C
Entering Water temperature:	°C
Leaving Water temperature:	°C
Compressor amps:	A
Total amps:	A
Input voltage:	A

**Heat Cycle:**

Low Pressure:	SLP	kPa
Evaporating temperature:	Et	°C
Suction Line temperature:	SLt	°C
Suction Superheat:	SSH	K
Discharge Line Pressure:	dLP	kPa
Condensing temperature:	Ct	°C
Discharge Line temperature:	dLt	°C
Discharge Superheat:	dSH	K
De-ice Sensor temperature:	ICEt	°C
Required Capacity:	CAP	%
Expansion Valve 1:	EE1	%
Expansion Valve 2:	EE2	%

Return air temperature:	°C
Supply air temperature:	°C
Entering Water temperature:	°C
Leaving Water temperature:	°C
Compressor amps:	A
Total amps:	A
Input voltage:	A

Water temperature difference should be: Cooling: 5–7°C, Heating 3–5°C.