

GEW RHINO/RLT UV SYSTEM INSTALLATION MANUAL

MODULE 6: COMMISSIONING CHECKLIST FOR SYSTEMS UP TO 16 LAMPS

GEW System Serial Number:		Date
Press Type:		
e-mail (End User) for Monthly Reports:		
Company (End User) Name & Address:		

Ambient Temp °C	
Relative Humidity %	

MAINS SUPPLY CHECKS				NOTE: Supply range 380V min. to 480V max.
Measured phase to phase Voltage (V)	1 to 2 =	1 to 3 =	2 to 3 =	
Measured phase to earth Voltage (V)	1 to E =	2 to E =	3 to E =	
Mains Frequency (Hz)				
Mains conductor size (mm ²)				Main Earth Bond size (mm ²)
Mains Conductor Length (Metres)				Confirm main UV Earth is Bonded to the Press

RHINO RACK POSITION									
Rack Number	Rack 1	Rack 2	Rack 3	Rack 4	Rack 5	Rack 6	Rack 7	Rack 8	
Adequate all round access & ventilation									
No warm air from other devices									
All connectors fitted and secured									
External earth bonded back to distribution									
Incoming circuit breaker/fuse rating									

TOUCH SCREEN CHECKS			
Screen positioned and secured correctly		Safe access to screen available at all times	
Screen cables secured and protected		LAN link to internet connected	

LAMPHEAD CHECKS									
Lamp Number	1	2	3	4	5	6	7	8	
Lampheads attached and aligned correctly									
Shielding positioned and working									
Lamp cable fitted and secured									
Auto damper connected to correct lamp									
Water flow rate (L/min)									
Lamp Number	9	10	11	12	13	14	15	16	
Lampheads attached and aligned correctly									
Shielding positioned and working									
Lamp cable fitted and secured									
Auto damper connected to correct lamp									
Water flow rate (L/min)									

FAN PRESSURE MEASUREMENTS (to be done during full power tests with all dampers fully open)				
	Fan Number	FAN 1	FAN 2	FAN 3
	Outlet ducting size (mm)			
	Outlet ducting length in (metres)			
	Fan circuit breaker size (Amps)			
	Phase rotation light illuminated			
	Pressure 'A' at fan outlet (kPa)			
	Pressure 'B' at fan inlet (kPa)			
	Fan Number	FAN 4	FAN 5	FAN 6
Outlet ducting size (mm)				
Outlet ducting length in (metres)				
Fan circuit breaker size (Amps)				
Phase rotation light illuminated				
Pressure 'A' at fan outlet (kPa)				
Pressure 'B' at fan inlet (kPa)				

CHILLER CHECKS (if applicable)		ArcLED and LED systems only	
Type of Corrosion Inhibitor Added to Water		System health check sample	
Type of Biocide Added to Water		supplied to GEW	
Chiller Set-point (°C)			

NOTES			

All lamps run at standby for 10 minutes		All lamps run at full power for 10 minutes	
Photograph/s of Touch Screen Position		Photograph/s of Rhino Rack Positions	
Photograph/s of Cable Routing		Photograph/s of RR Internal Cable Routing	
Photograph/s of Fan Inlet Manifold		Photograph/s of Fan Position	
Photograph/s of Fan Outlet Manifold		Photograph/s of Outlet Manifold Duct Termination	

Installers name:		Contact telephone number:	
E-mail this sheet to:	service@gewuv.com		