



# Air Handler pre start up

Job Name: \_\_\_\_\_ Date: \_\_\_\_\_

Unit Tag: \_\_\_\_\_ Job Number: \_\_\_\_\_

- 1.- Inspect equipment for shipping and installation damage
- 2.- Verify all packing material has been removed from the unit.
- 3.- Inspect unit splits for proper re-assembly
- 4.- Verify all compartments are clean and free of any obstruction or loose debris
- 5.- Remove fan shipping blocks
- 6.- Verify spring isolators are functioning properly
- 7.- Check fan wheel set screws for thightness, and alignment of fan and motor sheaves
- 8.- Check belt tensioning


L1-L2      L2-L3      L3-L1

- 9.- Check main supply voltage

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- 10.- Check condensate drain traps (Refer to instalation and operation manual)
- 11.- Inspect piping and coils for leaks
- 12.- Verify proper clean filters are installed
- 13.- Check all access doors are propely alligned and close tightly
- 14.- Check damper operation to assure freedom of movement
- 15.- Momentarily start fan motor and verify correct fan wheel rotation
- 16.- If unit is equipped with VFD, please reffer to manufacturers start up procedure


### TESTED BY

\_\_\_\_\_  
Name

\_\_\_\_\_  
Date



# VFD start up

Job Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Unit Tag: \_\_\_\_\_ Job Number: \_\_\_\_\_

## VFD Nameplate Data

Mnfg: \_\_\_\_\_ Model: \_\_\_\_\_ Voltage: \_\_\_\_\_

Serial: \_\_\_\_\_ DUTY: \_\_\_\_\_

	L1	L2	L3
Voltage			

HP

Motor Type \_\_\_\_\_

HP  Voltage  RPM  FLA  FREQ

### Installation checks-Mechanical

Mechanical Installation	
Cable connection	
proper grounding	
Input fuses	
Wire run to/From motor	
Motor cable length	

Control (I/O, Feedback)	
Drive unit cooling	
Motor disengaged	
Safe to operate machine	
Auto Tune up completed	

		IN	OUT
<b>Voltage @ Base Speed</b>	L1-L2		
	L2-L3		
	L3-L1		

		IN	OUT
<b>Amps @ Base Speed</b>	L1		
	L2		
	L3		

### BYPASS

<b>Voltage @ Base Speed</b>	L1-L2	
	L2-L3	
	L3-L1	

<b>Amps @ Base Speed</b>	L1	
	L2	
	L3	

ROTATION

### TESTED BY

\_\_\_\_\_  
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\_\_\_\_\_  
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	L1	L2	L3
Voltage			

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Auto Tune up completed	

<b>Voltage @ Base Speed</b>		IN	OUT
	L1-L2		
	L2-L3		
	L3-L1		

<b>Amps @ Base Speed</b>		IN	OUT
	L1		
	L2		
	L3		

### BYPASS

<b>Voltage @ Base Speed</b>	L1-L2	
	L2-L3	
	L3-L1	

<b>Amps @ Base Speed</b>	L1	
	L2	
	L3	

ROTATION

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