



BAC Refrigeration Controls Drive Commissioning Report

This Commissioning Report is to be completed by a certified BAC Drives Commissioner for BAC Refrigeration Controls and submitted to BAC Customer Service at the completion of the VFD Commissioning. All sections must be complete to qualify for extended warranty for BAC Refrigeration Controls. Record any non-conformances either in the comments section on page 2 or use a separate sheet of paper. E-mail this completed form to BAC Customer Service at customerservice@baltimoreaircoil.com.

End User Installation Site				
Project Name	BAC U Number (Serial Number)		Start-up Date	
Company Name	Contact Name		Contact Phone	
Contact Title	Contact Email		Contact Fax	
Street Address	City	State	Zip Code	Country
VFD Information				
VFD Model Number (Type Code)		VFD Serial Number (Located on the Drive)		
Customer Equipment Reference/Designation				
Fan Motor Nameplate Information				
Motor Type (TEFC/TEAO)	Manufacturer	Motor Part Number	Motor Quantity	
Motor HP	Voltage	RPM	FLA	
Spray Pump (SP) Motor Nameplate Information (TCP Only)				
Motor Type (TEFC/TEAO)	Manufacturer	Motor Part Number	Motor Quantity	
Motor HP	Voltage	RPM	FLA	
VCOS (TCP Only)				
Part Number		Quantity		



Installation Checks – Mechanical			
Mechanical Installation	<input type="checkbox"/>	Control (I/O, Feedback)	<input type="checkbox"/>
Cable Connections	<input type="checkbox"/>	Ambient Temperature	_____
Proper Grounding	<input type="checkbox"/>	Drive Unit Cooling / Air flow	<input type="checkbox"/>
Input Fuses	_____	Time and Date Configured	_____
Wire run to/from motor(s)	<input type="checkbox"/>	Safe to Operate Machine	<input type="checkbox"/>
Motor cable length	_____		

Installation Checks - Electrical			
Drive Disconnected - Megger Cable/Motor:		Reading	
		T1-PE =	
Megger Test Voltage:		T2-PE =	
		T3-PE =	
Operational Checks (Running with VFD)			
Input Voltage @ 100% Speed		Input Current @ 100% Speed	
L1-L2=		L1 =	
L2-L3=		L2 =	
L3-L1=		L3 =	
Output Voltage @ 100% Speed		Output Current @ 100% Speed	
L1-L2=		L1 =	
L2-L3=		L2 =	
L3-L1=		L3 =	
Operational Checks (Running in Bypass)			
Line Voltage Phase-Phase @ 100% Speed		Line Current @ 100% Speed	
L1-L2=		L1 =	
L2-L3=		L2 =	
L3-L1=		L3 =	
Evaporative Condenser Operational Checks			
Fan Rotation Correct in VFD & Bypass?		Sensor/BAS Input Correct?	
BAC Control Mode Chosen			
SP -> VFD Mode	<input type="checkbox"/>	VFD Only Mode	<input type="checkbox"/>
VFD -> SP Mode	<input type="checkbox"/>	Remote Control Mode	<input type="checkbox"/>



Additional Comments:			
Were there any issues with the VFD start up? If so, please document below.			
Performed by:		Email:	
Commissioning Date:		Phone Number:	
Signature:			
By submittal of this form you commit that all information provided is accurate to the best of your ability, provided to the customer, and the requirements as listed here and in the product User Manual have been completed			
<i>Note: To qualify for the BAC Refrigeration Controls Extended Warranty of (3) years (covers defects in material and workmanship), all sections must be completely filled out and submitted to BAC Customer Service at customerservice@baltimoreaircoil.com.</i>			