(¢f	ЯE	RC	0°
	A	NATTS B	Irand

MODULEX BOILER INSTALLATION FORM

Complet	ted By:			D	Date:	
			Location			
Installati	on Name:		SS	ST Technician:		
Street A	ddress:					
City, Sta	ite, Zip:			Phone #:		
AERCO	Sales Rep:					
		Registered	d Equipment S	Serial Numbe	rs	
	MLX EXT 321	MLX EXT 481/450	MLX EXT 641/600	_		MLX EXT 1123/1100
Serial #s						
	 ☐ MI X FXT 1530/1500		 MLX EXT 2295/2300			
Serial #s						
						-
						-
						-
			. <u> </u>			-
						-
	MLX 303	MLX 454	☐ MLX 606	🗌 MLX 757	MLX 909	🗌 MLX 1060
Serial #s						

Gonor	al Installation			
Gener				
1. Is the unit installed inside or outside the building?	🗌 Inside	Outside		
2. Is the relief valve piped to drain or within 12" of floor	r?		🗌 Yes	🗌 No
 Is the condensate disposal system adequately size Is the condensate disposal system installed in acco 			☐ Yes	□ No
version of the AERCO O&M?			∐ Yes	□ No
5. Is there an electrical service switch at the unit?	hin 40" of the floor 0		∐ Yes	
6. Is the unit's drain piped to the floor or a drain or with7. Does any electrical conduit, ductwork or piping imperability to remove the sheet metal covers?		he unit or the	∐ Yes □ Yes	∐ No □ No
 Is there an adequately sized condensate neutralize a. If No, why not? 	r kit installed?		🗌 Yes	🗌 No
9. Have all electrical components been verified for pro	per grounding?		🗌 Yes	🗌 No
10. Has all communication wire been properly shielded	?		🗌 Yes	🗌 No
11. Does condensate gravity drain?			🗌 Yes	🗌 No
12. Is a condensate pump used?			🗌 Yes	🗌 No
Ga	s Supply			
The questions below are related to the information	on in the Modulex Gas S	upply Application G	Guide, GF-13	86-G
1. Type of Gas Supply:	as 🗌 Propane			
2. What is the static gas supply pressure to the water h	eater?			
3. If the static pressure is more than 10.5" WC, is an example.	kternal gas supply regula	tor installed?	🗌 Yes	🗌 No
4. What is the static gas supply pressure to the externa	al supply regulators?			
5. What is the make and model number of the external	gas supply regulator?	Make		
		Model		
6. Are the external gas supply vent regulator lines insta requirement?		nufacturer's	☐ Yes	🗌 No
7. If this is a lock-up style external regulator, what is the	e size of the orifice?			
8. The external gas supply vent regulator lines are:	Individually run			
	Manifolded togethe	r with other regulat	or vent lines	
9. What is the BTU content of the gas?				
10. What is the size of the gas supply header?11. What is the length of gas pipe from the main meter?				
12. Are there any other appliances connected to the ga	s supply line?		🗌 Yes	🗌 No
 a. If Yes, please indicate the total BTU connected 13. Is the gas supply system installed in accordance wi Guide, GF-136-G 		MBH upply Application	🗌 Yes	🗌 No

Venting		
The questions below are related to the information in the Modulex Venting Application Guide	, GF-136-V	
1. What is the total vent length run?		
a. What is the total number of elbows in the ducting? 30° 45°	90°	
b. Are all elbows spaced 5 feet apart and 2 feet from the starter piece on the first elbow?	🗌 Yes	🗌 No
2. Is the vent sealed with RTV?	🗌 Yes	🗌 No
3. Is the vent pitched back toward the boiler (1/4" per ft. length) per the Modulex Venting Guide?	🗌 Yes	🗌 No
4. Venting material used is (choose one):		
5. Venting manufacturer is:		
6. Please describe venting configuration (check all that apply):		
Individual Vent Sidewall Termination	f Termination	1
Damper/Fan Breeched/Common (Units Vented Together)		
7. Does the layout (overall length, pressure drop, breeching calculations, vent pipe wall thickness,		—
etc.) comply with GF-136-V?	∐ Yes	∐ No
Combustion Air		
Combustion Air		
The questions below are related to the information in the Modulex Venting Application Guide	, GF-136-V	
1. Combustion air supplied through (check all that apply):		
Louvers to outside wall Horizontal ducting Direct or ducte		n air
Louvers to another room Vertical ducting Combustion air	r fan	
2. What is the size of the ducting to individual units?		
 a. What is the size of the common ducting, if applicable? b. What is the size of louvered opening? 		
3. Are there any draft inducers, combustion air fans or draft controllers on site?	🗌 Yes	□ No
a. If Yes, list all that apply:		
b. Explain configuration:		
4. Does the layout (overall length, pressure drop, breeching calculations, etc.) comply with	🗌 Yes	🗌 No
GF-136-V?		

		Hydronic Installation			
4	If there are multiple units, are the units				
1.				☐ Yes ☐ Yes	□ No □ No
2. 3.	Are balancing valves or circuit setters Are motorized isolation valves installe				
3. 4.	What are the minimum/maximum desi		Min: GPM,		GPM
ч.	a. Were the maximum & minimum f		Unit Of M,		
5.	The system is (check all that apply):	iow rates vermed?			
0.	Water Source Heat Pump	Primary/Secondary Pumping	Other (please sp	ecify)	
	A Variable Flow System	Used for Reheat		cony)	
	Reverse Return	Combination Control			
6.	What is the design system flow rate?				
7.	What is the design plant delta T?				
8.	Are strainers installed in both the prim	ary and secondary loops?		🗌 Yes	🗌 No
9.	What is the strainer mesh size?				
10.	What is the system pressure?				
	What is the primary loop GPM?				
	What is the secondary loop GPM?				

Mode of Operation				
Individual Unit Control (choose one):				
Remote Set Point (Analog)	Combination Boiler/Water Heater			
Remote Set Point (Network/MODBUS)	ACS (see below)			
Direct Drive	BMS (see below)			
Indoor/Outdoor Reset	BMS II (see below)			
Constant Setpoint	Other			
If ACS, BMS or BMS II is used, the m	ode of operation is in use (choose one):			
Constant Setpoint	Combination Control Panel (CCP)			
Indoor/Outdoor Reset	Network (MODBUS)			
If Network (MODBUS) is chosen above	e, the network type is in use (choose one):			
Gateway	Other:			
ProtoNode				
If Building Automation System (B	BAS) Protocol is in use (choose one):			
BACNet (choose one):				
IP (ProtoNode Only)	☐ MS/TP			
	ARC156 (XPC Model Only)			
Johnson Controls - N2				
LonWorks				
ADDITIONAL NOTES:				

	Summary	
1.	Is the boiler plant installed in accordance with AERCO guidelines and industry best practices?	🗌 No
	a. If No, please describe the issues.	
	b. Who has been contacted? Please provide name & number for each person contacted (check all that apply)?)
	AERCO Applications Engineer:	
	Mechanical Contractor:	
	Design Engineer:	
	Controls Engineer:	
2.	Is there any conflict between the Installation & the Engineer's Specification or Design Plans?	🗌 No
	a. If Yes, please describe the issues.	
	b. Who has been contacted? Please provide name & number for each person contacted (check all that apply)?)
	AERCO Applications Engineer:	
	Mechanical Contractor:	
	Design Engineer:	
	Controls Engineer:	
3.	Are there any conflicts or physical restrictions that will prevent the boiler plant from receiving proper	
	preventative maintenance in the future?	∐ No
	a. If Yes, please describe the issues.	
	 b. Who has been contacted? Please provide name & number for each person contacted (check all that apply)? AERCO Applications Engineer: General Contractor: 	
	AERCO Applications Engineer: General Contractor: Mechanical Contractor: Building Owner:	
	Controls Engineer:	
4.	Please outline any exceptions that have been granted by AERCO Applications Engineering for this installation if	
4.	necessary.	
	a. AERCO Application Engineering Sign Off (If Necessary):	