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UL Listed Forced Draft Boilers

Boiler Types	Boiler Series	Single Fuel			Dual Fuel	
		Natural Gas	Propane Gas	# 2 Oil	Natural & # 2 Oil	Propane & # 2 Oil
Water Boilers Indirect Water Heaters Indirect Pool Heaters	AB	1,2,3		1,2,3	1,2,3	
	CL/CLM	1,2,3	1,2	1,2,3	1,2,3	1,2
	DR					
	HECL/HECLM	1,2,3				
	RV	1,2,3		1,2,3	1,2,3	
	RW	1,2,3		1,2,3	1,2,3	
15 Psig Steam 150 Psig Steam	AB	1,2,3		1,2,3	1,2,3	
	CL/CLM	1,2,3	1,2	1,2,3	1,2,3	1,2
	DR					
	RV	1,2,3		1,2,3	1,2,3	
	RW	1,2,3		1,2,3	1,2,3	

Boiler Types that are not Listed (Label not available)

- A. Heat exchangers installed in 15 psig steam boilers.
- B. Water boilers built to ASME Section I.
- C. Steam boilers built for over 150 psig.
- D. Knockdown construction.
- E. Boilers that are overfired.
- F. Boilers constructed with weather protection.

Approved Burner Manufacturers

- 1. Gordon-Piatt Energy Group
- 2. Webster Engineering
- 3. Power Flame (RW850 - RW1700 only)

Notes

- a. See page 3 for approved boiler/burner combinations for LO Nox.

UL Listed Boiler / Burner Combinations

Boiler Series		Burner Manufacturer											
		Gordon-Piatt				Power Flame				Webster Engineering			
		Standard	Air Atom.	LO Nox	FGR.	Standard	Air Atom.	LO Nox	FGR	Standard	Air Atom.	LO Nox	FGR
AB		Yes		Yes		Yes		Yes ⁱ		Yes		Yes	
CL/CLM		Yes				Yes		Yes ⁱ		Yes		Yes	
DR													
HECL/HECLM		Yes				Yes		Yes ⁱ		Yes		Yes	
RV	200 - 600	Yes			Yes	Yes		Yes ⁱ		Yes		Yes ⁱ	Yes
	700 - 800	Yes	Yes		Yes	Yes		Yes ⁱ		Yes	Yes	Yes ⁱ	Yes
RW		Yes	Yes	Yes	Yes	Yes ⁶		Yes ^{i,6}		Yes	Yes	Yes ⁱ	Yes
RW	25000											Yes	

Notes

1. "Air Atom." Stands for air atomization burner for # 2 oil.
2. "LO Nox" Stands for burner equipped with either internal recirculation or external induced flue gas recirculation.
3. "FGR." Stands for burner equipped with external flue gas recirculation.
4. John Zink/GP burner for AB Series LO Nox is for gas only.
5. (Yesⁱ) indicates burner requires an external induced recirculation line.
6. Power Flame RW850 - RW1700 only.

UL Listed Atmospheric Boilers

Boiler Types	Boiler Series	Fuel Type	
		Natural Gas	Propane Gas
Water Boilers	CL/CLM	Yes	Yes
Indirect Water Heaters	F	Yes	Yes
Indirect Pool Heaters	K	Yes	
15 Psig Steam	CL/CLM	Yes	Yes
	F	Yes	Yes
	K	Yes	
150 Psig Steam	CL/CLM	Yes	Yes
	F	Yes	Yes
	K	Yes	

Boiler Types that are not Listed (Label not available)

1. Heat exchangers installed in 15 psig steam boilers.
2. Water boilers built to ASME Section I.
3. Steam boilers built for over 150 psig.
4. Knockdown construction.
5. Boilers constructed with weather protection.

State Air Quality Certifications

South Coast Air Quality Management District (SCAQMD)							
State	Model	Medium			Burner		
		15# Steam	150# Steam	Water	Manufacturer	Models	
CA	AB90	X		X	John Zink/GP	LNSR	GZ
	AB120	X		X	John Zink/GP	LNSR	GZ
	AB150	X		X	John Zink/GP	LNSR	GZ or SZ
	AB200	X		X	John Zink/GP	LNSR	SZ
	DR350	X	X	X	Power Flame	NPM	
	DR400	X	X		Power Flame	NPM	
	DR450	X	X	X	Power Flame	NPM	
	DR650	X	X	X	Power Flame	NPM	
	DR850	X	X	X	Power Flame	NPM	

Ventura County APCD Rule 74.11.1							
State	Model	Medium			Burner		
		15# Steam	150# Steam	Water	Manufacturer	Models	
CA	AB90	X		X	John Zink/GP	LNSR	
	AB120	X		X	John Zink/GP	LNSR	
	AB150	X		X	John Zink/GP	LNSR	
	AB200	X		X	John Zink/GP	LNSR	

Texas Commission on Environmental Quality (TCEQ)							
State	Model	Medium			Burner		
		15# Steam	150# Steam	Water	Manufacturer	Models	
TX	AB90	X		X	John Zink/GP	LNSR	
	AB120	X		X	John Zink/GP	LNSR	
	AB150	X		X	John Zink/GP	LNSR	
	AB200	X		X	John Zink/GP	LNSR	

MEA NUMBERS FOR NEW YORK CITY

Boiler Series		Fuels	MEA Number
F Atmospheric	Water	Nat. Gas	204-79-E
	Steam 15#	Nat. Gas	208-79-E
K Atmospheric	Water	Nat. Gas	446-84-E
	Steam 15#	Nat. Gas	447-84-E
	Steam 150#	Nat. Gas	448-84-E
RV Forced Draft	Water & Steam 15#	Nat. Gas	84-95-E
		# 2 Oil	84-95-E
		Nat. Gas & # 2 Oil	84-95-E
	Steam 150#	Nat. Gas	85-95-E
		# 2 Oil	85-95-E
		Nat. Gas & # 2 Oil	85-95-E
RW Forced Draft ²	Water & Steam 15#	Nat. Gas	86-95-E
		# 2 Oil	86-95-E
		Nat. Gas & # 2 Oil	86-95-E
		Boiler Only ²	86-95-E
	Steam 150#	Nat. Gas	83-95-E
		# 2 Oil	83-95-E
		Nat. Gas & # 2 Oil	83-95-E
		Boiler Only ²	83-95-E

Notes:

1. Only those Burners that are UL package approved with our boilers are acceptable.
2. MEA number can be applied to RW Series Boilers shipping less burner.

CUL Listed Forced Draft Boilers

Boiler Types	Boiler Series	Single Fuel			Dual Fuel	
		Natural Gas	Propane Gas	# 2 Oil	Natural & # 2 Oil	Propane & # 2 Oil
Water Boilers Indirect Water Heaters	AB	1,2,3		1,2,3	1,2,3	
	CL/CLM	1,2,3		1,2,3	1,2,3	
	DR					
	HECL/HECLM	1,2,3				
Indirect Pool Heaters	RV	1,2,3		1,2,3	1,2,3	
	RW	1,2,3		1,2,3	1,2,3	
15 Psig Steam	AB	1,2,3		1,2,3	1,2,3	
	CL/CLM	1,2,3		1,2,3	1,2,3	
	DR					
	RV	1,2,3		1,2,3	1,2,3	
150 Psig Steam	RW	1,2,3		1,2,3	1,2,3	

Boiler Types that are not Listed (Label not available)

- Heat exchangers installed in 15 psig steam boilers.
- Water boilers built to ASME Section I.
- Steam boilers built for over 150 psig.
- Boilers equipped with LO Nox burner equipment.
- Knockdown construction.
- Boilers that are overfired.
- Boilers constructed with weather protection.

Approved Burner Manufacturers

- Gordon-Piatt Energy Group
- Webster Engineering
- Power Flame (RW850 - RW1700 only)

CSA Listed Atmospheric Boilers

Boiler Types	Boiler Series	Fuel Type	
		Natural Gas	Propane Gas
Water Boilers	CL	Yes	Yes
	CLM		
Indirect Water Heaters	F	Yes	Yes
Indirect Pool Heaters	K		
15 Psig Steam	CL	Yes	Yes
	CLM		
	F	Yes	Yes
	K		
150 Psig Steam	CL	Yes	Yes
	CLM		
	F	Yes	Yes
	K		

Boiler Types that are not Listed (Label not available)

1. Heat exchangers installed in 15 psig steam boilers.
2. Water boilers built to ASME Section I.
3. Steam boilers built for over 150 psig.
4. Knockdown construction.
5. Boilers constructed with weather protection.