

SB625-745WS Stainless Steel Condensing Boiler - Recommended Burners

Engineering
Submittal
Sheet



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DISCLAIMER

The SB625WS and SB745WS boilers are listed with Underwriters Laboratories Inc. (UL) and can only be sold with burners which are included in this UL listing. The burners included in the UL listing can be found in the tables below, which are grouped by manufacturer and fuel type. If either of these boiler models are installed with a burner which is not included in any of these lists, it is the responsibility of the sales representative and / or customer to make sure that a UL field evaluation / inspection be performed prior to commissioning the boiler.

Riello Gas Burners											
Type	Model	SB625WS						SB745WS			
		160	220	290	370	480	640	800	1050	1300	1550
Two Stage	40 G900	•									
Modulating (standard)	RS 28/ M		•	•							
	RS 38/ M				•						
	RS 50/ M					•					
	RS 70/ M						•				
	RS 100/ M							•	•		
	RS 130/ M									•	
	RS 190/ M										•
Modulating (electronic)	RS 28/ E		•	•							
	RS 38/ E				•						
	RS 50/ E					•					
	RS 70/ E						•				
	RS 100/ E							•	•		
	RS 130/ E									•	
Modulating (Low NOx - 30 PPM) (standard)	RS 45/ M LN			•	•	•					
	RS 68/ M LN						•				
	RS 120/ M LN							•	•		
	RS 160/ M LN									•	•
Modulating (Low NOx - 30 PPM) (electronic)	RS 45/ E			•	•	•					
	RS 68/ E						•				
	RS 120/ E							•	•		
	RS 160/ E									•	•
Modulating (pre-mix)	RX 250	•									
	RX 300		•	•							
	RX 400				•						
	RX 500					•					

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Riello Dual Fuel Burners											
Type	Model	SB625WS						SB745WS			
		160	220	290	370	480	640	800	1050	1300	1550
Modulating (standard)	RLS 28		•	•							
	RLS 38				•						
	RLS 50					•					
	RLS 70						•				
	RLS 100							•	•		
	RLS 130									•	
Modulating (electronic)	RLS 28/E		•	•							
	RLS 38/E				•						
	RLS 50/E					•					
	RLS 70/E						•				
	RLS 100/E							•	•		
	RLS 130/E									•	
	RLS 190/E										•
Modulating (Low NOx - 30 PPM*) (electronic)	RLS 68/E						•				
	RLS 120/E							•	•		
	RLS 160/E									•	•

* Low NOx on Gas Only

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Power Flame Gas Burners											
Type	Model	SB625WS						SB745WS			
		160	220	290	370	480	640	800	1050	1300	1550
Modulating (standard)	C1-G-10	•	•								
	C2-G-15			•	•						
	C2-G-20B					•					
	C3-G-20						•				
	C3-G-25B							•			
	C4-G-25								•		
	C4-G-30									•	
	C5-G-30										•
Modulating (Low NOx - 20 PPM)	NP2-G-63	•									
	NP2-G-120		•								
	NP2-170			•							
	NP2-G-250				•	•					
	NP2-G-340						•				
	NP2-G-420							•			
	NP2-G-520								•		
	NP2-G-520 ¹									•	
NP2-G-630										•	

(1) Requires 7-1/2HP motor and wheel

Power Flame Dual Fuel Burners											
Type	Model	SB625WS						SB745WS			
		160	220	290	370	480	640	800	1050	1300	1550
Modulating (standard)	C1-GO-10	•	•								
	C2-GO-15			•	•						
	C2-GO-20B					•					
	C3-GO-20						•				
	C3-GO-25B							•			
	C4-GO-25								•		
	C4-GO-30									•	
	C5-GO-30										•

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Weishaupt Gas Burners											
Type	Model	SB625WS						SB745WS			
		160	220	290	370	480	640	800	1050	1300	1550
Modulating (standard)	WG20N/1-C	•									
	WG30N/1-C		•	•							
	WG40N/1-C				•						
	WM-G10/1-A		•	•							
	WM-G10/2-A			•	•	•					
	WM-G10/3-A					•	•				
	WM-G10/4-A							•			
	WM-G20/2-A								•	•	•
	WM-G20/3-A									•	•
Modulating (Low NOx - 30 PPM)	WM-G10/1-A (LN)		•								
	WM-G10/2-A (LN)			•	•						
	WM-G10/3-A (LN)					•	•				
	WM-G10/4-A (LN)							•			
	WM-G20/2-A (LN)							•	•	•	•
	WM-G20/3-A (LN)									•	•

Weishaupt Dual Fuel Burners											
Type	Model	SB625WS						SB745WS			
		160	220	290	370	480	640	800	1050	1300	1550
Modulating (standard)	WM-GL10/1-A		•	•							
	WM-GL10/2-A			•	•	•					
	WM-GL10/3-A					•	•				
	WM-GL10/4-A							•			
	WM-GL20/2-A								•	•	•
	WM-GL20/3-A									•	•
Modulating (Low NOx - 30 PPM*)	WM-GL10/1-A (LN)		•								
	WM-GL10/2-A (LN)			•	•						
	WM-GL10/3-A (LN)					•	•				
	WM-GL10/4-A (LN)							•	•		
	WM-GL20/2-A (LN)								•	•	•
	WM-GL20/3-A (LN)									•	•

* Low NOx on Gas Only



All burners listed for altitude up to 2000' ASL.

DISCLAIMER

Specifications subject to change without notice. All dimensions shown on these engineering submittal sheets are for reference only and should not be used for field installation purposes. Please refer to current product installation manuals for detailed installation instructions and dimensions.