



SPECIFICATIONS

Through-the-Wall Systems (240V/50Hz)

Performance						Model Numbers								
						WGTTW01			WGTTW02			WGTTW04		
Evaporator Inlet Air			Condenser Inlet Air			Capacity		EFF	Capacity		EFF	Capacity		EFF
Dry Bulb	Wet Bulb	%RH	Dry Bulb	Wet Bulb	%RH	Total	Sensible	EER	Total	Sensible	EER	Total	Sensible	EER
°C	°C	°C	°C	°C	%	Watts	Watts		Watts	Watts		Watts	Watts	
12.8	8.3	55	51.5	33.9	31	243	146	2.27	401	392	2.50	688	688	2.78
			43.3	27.8	31	258	211	3.25	419	433	3.53	829	814	3.46
			32.3	22.2	42	313	278	4.56	597	515	4.93	996	937	4.37
			24.1	16.7	48	422	313	5.53	776	542	5.96	1101	993	5.04
			9.8	6.7	62	483	346	7.24	761	647	7.77	1250	1028	6.22

Refrigeration System Performance						Model Numbers							
						WGTTW01		WGTTW02			WGTTW04		
Evaporator Inlet Air			Condenser Inlet Air			Disc	Suct	Suct	Liq	Disc	Suct	Suct	Liq
Dry Bulb	Wet Bulb	%RH	Dry Bulb	Wet Bulb	%RH	Press	Press	SH	SC	Press	Press	SH	SC
°C	°C	%	°C	°C	%	KPa	KPa	°C	°C	KPa	KPa	°C	°C
12.8	8.3	55	51.5	33.9	31	1862	310	13.3	11.7	1965	283	15.0	14.4
			43.3	27.8	31	1551	283	11.1	11.1	1586	262	12.8	13.9
			32.3	22.2	42	1103	255	9.4	7.8	1207	248	10.6	12.2
			24.1	16.7	48	862	255	7.8	7.8	931	234	9.4	11.1
			9.8	6.7	62	586	228	6.7	6.7	552	221	6.7	6.7

Evaporator Air Flow Performance						Model Numbers									
						WGTTW01					WGTTW02				
						Air Flow	Speed	Static	Current	Power	Air Flow	Speed	Static	Current	Power
						m³/hr	RPM	Pa	Amps	Watts	m³/hr	RPM	Pa	Amps	Watts
Classic						187	1400	0	0.1	11	289	2213	0	0.3	25
Sentinel						187	1400	0	0.1	11	289	2271	0	0.3	30
Defender						168	1400	0	0.1	12	289	2471	0	0.4	41

Condenser Air Flow Performance						Model Numbers									
						WGTTW01					WGTTW02				
						Air Flow	Speed	Static	Current	Power	Air Flow	Speed	Static	Current	Power
						m³/hr	RPM	Pa	Amps	Watts	m³/hr	RPM	Pa	Amps	Watts
Classic						172	1800	0	0.2	18	289	2743	0	0.7	80
Sentinel						200	1800	0	0.2	16	289	2409	0	0.6	61
Defender						178	1800	0	0.2	17	289	2880	0	0.5	57

Electrical Requirements	Model Numbers																	
	WGTTW01						WGTTW02						WGTTW04					
	Volts	Phase	Freq	Power	FLA	MCA	Volts	Phase	Freq	Power	FLA	MCA	Volts	Phase	Freq	Power	FLA	MCA
			Hz	Watts	Amps	Amps			Hz	Watts	Amps	Amps			Hz	Watts	Amps	Amps
Classic	240	1	50	260	2.9	3.4	240	1	50	424	4.1	4.8	240	1	50	770	5.5	6.3
Sentinel	240	1	50	260	2.9	3.4	240	1	50	424	4.1	4.8	240	1	50	770	5.5	6.3
Defender	240	1	50	260	2.9	3.4	240	1	50	424	4.1	4.8	240	1	50	770	5.5	6.3

Chassis	Model Numbers														
	WGTTW01					WGTTW02					WGTTW04				
	Dimensions			Weight	Condensate	Dimensions			Weight	Condensate	Dimensions			Weight	Condensate
	Length	Width	Height			Length	Width	Height			Length	Width	Height		
	m	m	m			m	m	m			m	m	m		
Classic	0.66	0.36	0.40	26.3	Drain	0.66	0.36	0.40	29.0	Drain	0.66	0.36	0.40	32.2	Drain
Sentinel	0.70	0.36	0.40	26.3	Re-Evap	0.70	0.36	0.40	29.0	Re-Evap	0.70	0.36	0.40	32.2	Re-Evap
Defender	0.86	0.36	0.40	29.5	Re-Evap	0.86	0.36	0.40	32.2	Re-Evap	0.86	0.36	0.40	35.4	Re-Evap

Conforms to UL/CSA/IEC/Australia/New Zealand 60335-2-40

Capacity tested in accordance with AHRI Standard 1250 entering Inlet dry bulb temperature 12.8°C and wet bulb temperature 8.3°C

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Wine Guardian Through-the-Wall

U.S. Pat. No. D634,760s



SPECIFICATIONS

Through-the-Wall Systems (240V/50Hz)

Evaporator Air Flow Performance	Capacity	Volts	Phase	Freq	Fan Speed	Static	Air Flow	Current	Power	Sound Level
				Hz	RPM	Pa	m ³ /hr	Amps	Watts	dBA
Classic	01	240	1	50	1400	0	187	0.12	11.1	51
Sentinel					1400	0	187	0.12	11.2	49.5
Defender					1400	0	168	0.12	11.6	47.9

Condenser Air Flow Performance	Capacity	Volts	Phase	Freq	Fan Speed	Static	Air Flow	Current	Power	Sound Level
				Hz	RPM	Pa	m ³ /hr	Amps	Watts	dBA
Classic	01	240	1	50	1800	0	172	0.17	18	64
Sentinel					1800	0	200	0.16	16	53
Defender					1800	0	178	0.17	17	49.6

Evaporator Air Flow Performance	Capacity	Volts	Phase	Freq	Fan Speed	Static	Air Flow	Current	Power	Sound Level
				Hz	RPM	Pa	m ³ /hr	Amps	Watts	dBA
Classic	02	240	1	50	2213	0	289	0.3	25	65
Sentinel					2271	0	289	0.3	30	62.2
Defender					2471	0	289	0.4	41	57.1

Condenser Air Flow Performance	Capacity	Volts	Phase	Freq	Fan Speed	Static	Air Flow	Current	Power	Sound Level
				Hz	RPM	Pa	m ³ /hr	Amps	Watts	dBA
Classic	02	240	1	50	2743	0	289	0.7	80	54
Sentinel					2409	0	289	0.6	61	59.8
Defender					2880	0	289	0.5	57	56.4

Evaporator Air Flow Performance	Capacity	Volts	Phase	Freq	Fan Speed	Static	Air Flow	Current	Power	Sound Level
				Hz	RPM	Pa	m ³ /hr	Amps	Watts	dBA
Classic	04	240	1	50	2282	0	425	0.5	60	61
Sentinel					2291	0	425	0.6	70	63.5
Defender					2585	0	425	0.8	105	63.2

Condenser Air Flow Performance	Capacity	Volts	Phase	Freq	Fan Speed	Static	Air Flow	Current	Power	Sound Level
				Hz	RPM	Pa	m ³ /hr	Amps	Watts	dBA
Classic	04	240	1	50	2678	0	425	0.7	125	62.4
Sentinel					2437	0	425	0.9	84	60.9
Defender					2656	0	425	0.9	100	57.5

Classic Evaporator	Sentinel Evaporator	Defender Evaporator
		
Classic Condenser	Sentinel Condenser	Defender Condenser
		

Sound Level Data take from six feet from supply air grill

Air Flow tested in accordance with ANSI/ASHRAE Standard 37, ANSI/ASHRAE Standard 41

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