WINE GUARDIAN®

SPECIFICATIONS

Through-the-Wall Systems (120V/60Hz)

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			
°F	°F	%	°F	°F	%	Btu/hr	Btu/hr		Btu/hr	Btu/hr		Btu/hr	Btu/hr				
55	47	55	125	93	31	830	500	2.27	1370	1340	2.50	2350	2350	2.78			
			110	82	31	880	720	3.25	1430	1480	3.53	2830	2780	3.46			
			90	72	42	1070	950	4.56	2040	1760	4.93	3400	3200	4.37			
			75	62	48	1440	1070	5.53	2650	1850	5.96	3760	3390	5.04			
			50	44	62	1650	1180	7.24	2600	2210	7.77	4270	3510	6.22			

Refrigeration System Performance						Model Numbers											
						WGTTW01				WGTTW02				WGTTW04			
Evaporator Inlet Air			Condenser Inlet Air			Disc	Suct	Suct	Liq	Disc	Suct	Suct	Liq	Disc	Suct	Suct	Liq
Dry Bulb	Wet Bulb	%RH	Dry Bulb	Wet Bulb	%RH	Pres	Pres	SH	SC	Pres	Pres	SH	SC	Pres	Pres	SH	SC
°F	°F	%	°F	°F	%	psig	psig	°F	°F	psig	psig	°F	°F	psig	psig	°F	°F
55	47	55	125	93	31	270	45	24	21	285	41	27	26	275	39	16	16
			110	82	31	225	41	20	20	230	38	23	25	220	36	16	16
			90	72	42	160	37	17	14	175	36	19	22	180	34	15	14
			75	62	48	125	37	14	14	135	34	17	20	130	32	12	12
			50	44	62	85	33	12	12	80	32	12	12	80	30	10	10

Evaporator Air Flow Performance	Model Numbers														
	WGTTW01					WGTTW02					WGTTW04				
	Air Flow	Speed	Static	Current	Power	Air Flow	Speed	Static	Current	Power	Air Flow	Speed	Static	Current	Power
	CFM	RPM	"H2O	Amps	Watts	CFM	RPM	"H2O	Amps	Watts	CFM	RPM	"H2O	Amps	Watts
Classic	110	1400	0	0.15	10.3	170	2107	0	0.4	24	250	2180	0	0.9	62
Sentinel	101	1400	0	0.13	8.8	170	2257	0	0.5	32	250	2164	0	0.9	64
Defender	99	1400	0	0.15	10.6	170	2356	0	0.6	37	250	2467	0	1.2	88

Condenser Air Flow Performance	Model Numbers														
	WGTTW01					WGTTW02					WGTTW04				
	Air Flow	Speed	Static	Current	Power	Air Flow	Speed	Static	Current	Power	Air Flow	Speed	Static	Current	Power
	CFM	RPM	"H2O	Amps	Watts	CFM	RPM	"H2O	Amps	Watts	CFM	RPM	"H2O	Amps	Watts
Classic	100	1800	0	0.24	17.1	170	2844	0	0.8	58	250	2630	0	1.5	112
Sentinel	117	1800	0	0.22	15.7	170	2538	0	0.7	45	250	2336	0	1.1	79
Defender	104	1800	0	0.23	16.6	170	2780	0	0.8	56	250	2600	0	1.5	111

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	120	1	60	260	5.1	6.2	120	1	60	424	6.5	7.6	120	1	60	770	12	14
Sentinel	120	1	60	260	5.1	6.2	120	1	60	424	6.5	7.6	120	1	60	770	12	14
Defender	120	1	60	260	5.1	6.2	120	1	60	424	6.5	7.6	120	1	60	770	12	14

Chassis	Model Numbers																	
	WGTTW01						WGTTW02						WGTTW04					
	Dimensions			Weight	Condensate		Dimensions			Weight	Condensate		Dimensions			Weight	Condensate	
	Length	Width	Height				Length	Width	Height				Length	Width	Height			
	inch	inch	inch	lbs			inch	inch	inch	lbs			inch	inch	inch	lbs		
Classic	25.8	14.1	15.75	58	Drain		25.8	14.1	15.75	64	Drain		25.8	14.1	15.75	71	Drain	
Sentinel	27.6	14.1	15.75	58	Re-Evap		27.6	14.1	15.75	64	Re-Evap		27.6	14.1	15.75	71	Re-Evap	
Defender	33.8	14.1	15.75	65	Re-Evap		33.8	14.1	15.75	71	Re-Evap		33.8	14.1	15.75	78	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 55°F and wet bulb temperature 47°F

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Wine Guardian Through-the-Wall
U.S. Pat. No. D634,760s

WINE GUARDIAN®

SPECIFICATIONS

Through-the-Wall Systems (120V/60Hz)

Evaporator Air Flow Performance	Capacity	Volts	Phase	Freq	Fan Speed	Static	Air Flow	Current	Power	Sound Level
				Hz	RPM	"H2O	CFM	Amps	Watts	dBA @ 6"
Classic	01	120	1	60	1400	0	110	0.15	10.3	51.9
Sentinel					1400	0	101	0.13	8.80	49.5
Defender					1400	0	99	0.15	10.6	47.9

Condenser Air Flow Performance	Capacity	Volts	Phase	Freq	Fan Speed	Static	Air Flow	Current	Power	Sound Level
				Hz	RPM	"H2O	CFM	Amps	Watts	dBA @ 6"
Classic	01	120	1	60	1800	0	100	0.24	17.1	55.7
Sentinel					1800	0	117	0.22	15.7	53
Defender					1800	0	104	0.23	16.6	49.6

Evaporator Air Flow Performance	Capacity	Volts	Phase	Freq	Fan Speed	Static	Air Flow	Current	Power	Sound Level
				Hz	RPM	"H2O	CFM	Amps	Watts	dBA @ 6"
Classic	02	120	1	60	2107	0	170	0.4	24	58
Sentinel					2257	0	170	0.5	32	56.7
Defender					2356	0	170	0.6	37	54

Condenser Air Flow Performance	Capacity	Volts	Phase	Freq	Fan Speed	Static	Air Flow	Current	Power	Sound Level
				Hz	RPM	"H2O	CFM	Amps	Watts	dBA @ 6"
Classic	02	120	1	60	2844	0	170	0.8	58	63.2
Sentinel					2538	0	170	0.7	45	56.5
Defender					2780	0	170	0.8	56	53.2

Evaporator Air Flow Performance	Capacity	Volts	Phase	Freq	Fan Speed	Static	Air Flow	Current	Power	Sound Level
				Hz	RPM	"H2O	CFM	Amps	Watts	dBA @ 6"
Classic	04	120	1	60	2180	0	250	0.9	62	59.3
Sentinel					2164	0	250	0.9	64	57.9
Defender					2467	0	250	1.2	88	56.9

Condenser Air Flow Performance	Capacity	Volts	Phase	Freq	Fan Speed	Static	Air Flow	Current	Power	Sound Level
				Hz	RPM	"H2O	CFM	Amps	Watts	dBA @ 6"
Classic	04	120	1	60	2630	0	250	1.5	112	60.2
Sentinel					2336	0	250	1.1	79	59.8
Defender					2600	0	250	1.5	111	57.7

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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