



ChillBox™ 115V-Series Fluid Cooled / Heated CW-00 Series (1.5 to 2.5 Tons Capacities)



CW-00 Series With HeatPak Option Shown

ChillBox™ CW-00 Series are built with the following standard features:

- Direct Drive Blower
- 3 Speed Air-Over Motor
- Sturdy Constructed Cabinet
- Built-In Filter Rack
- Air Purge Valve
- Non-Corrosive Hardware
- 304 Stainless Steel Drain Pan with 3/4" Stainless NPT Drain Fittings
- 2 lb. Thermal Acoustic, Anti-Microbial Duct Insulation

Warranty: 1 Year Parts / 2 Year Coils (When Registered)

EXACT FOOTPRINT REPLACEMENT FOR THE FOLLOWING MANUFACTURER'S EQUIPMENT
AeroSys DCW-Series / Magic Aire DVW & DVB-Series

In Keeping With Its Policy Of Continuous Progress And Improvements, JRJ Manufacturing Reserves The Right To Make Changes Without Notice And Incurring Obligation. The customer is responsible for confirming which fan coil models are compatible with select out-door unit(s) and which expansion valves (if any) are required.

ChillBox™ CW-1800 Series



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1.5 Ton Capacity

COOLING

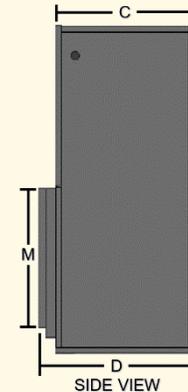
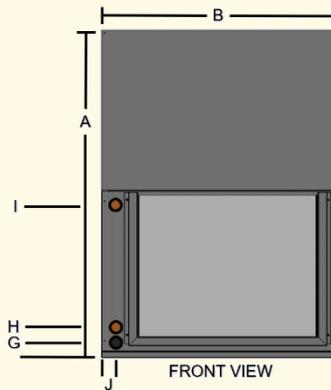
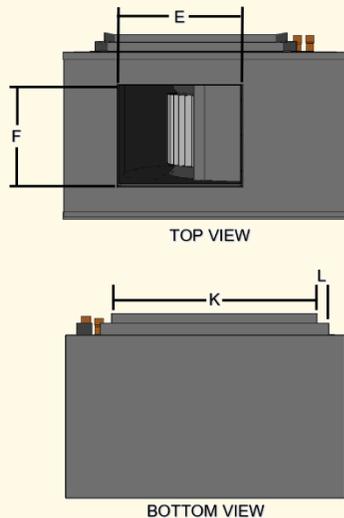
Standard Pump @ 3.5 GPM With Nominal Airflow

CFM	42°F Entering Water Temperature	45°F Entering Water Temperature	48°F Entering Water Temperature
	Capacity = Total / Sensible	Capacity = Total / Sensible	Capacity = Total / Sensible
500	17,250 / 12,770	15,455 / 12,025	13,816 / 11,431
600	18,350 / 14,170	16,555 / 13,425	14,816 / 12,739
700	19,350 / 15,470	17,455 / 14,625	15,716 / 13,926

HEATING

Standard Pump @ 3.5 GPM With Nominal Airflow (Air Temperature Leaving The Unit Must Not Exceed 140 °F)

CFM	120°F Entering Water Temperature	140°F Entering Water Temperature	180°F Entering Water Temperature
	500	26,700	40,400
600	29,900	45,200	60,700
700	32,600	49,300	66,200



Representative Drawing Only. Some Models May Vary In Appearance.

Warranty
1 Year Parts
2 Year Coil

CW-1815-00					
A	29"	J	1-1/2"	S	--
B	24"	K	18"	T	--
C	14"	L	1"	U	--
D	15-7/8"	M	14-7/16"	V	--
E	10-1/2"	N	--	W	--
F	8-1/2"	O	--	X	--
G	1-3/8"	P	--	Y	--
H	3"	Q	--	Z	--
I	16"	R	--		

Cross Reference	
JRJ	CW-1815-00
AeroSys	DCW-20-115V
Magic Aire	DVW600 DVB06



Listing # E114799
 Complies With UL 1995
 Fifth Edition Heating &
 Cooling Equipment

		CW-1815-00			
		Speed	Low	Med	High
Airflow	External Static Pressure	0.1	584	725	855
	External Static Pressure	0.2	565	695	810
	External Static Pressure	0.3	540	660	765
	External Static Pressure	0.4	525	620	725
	External Static Pressure	0.5	505	575	675
Motor	Amps At 110-115/1/60		5.9	4.6	2
	HP		1/3	1/3	1/3
Pipe	Coil Connection		5/8" OD		
	Condensate Drain		3/4" SS - NPT Thread		
Filter	1" Thick (Nominal)		12" X 20"		
Weight	(Unit Only)		78 lbs		

JRJ Manufacturing, LLC

24910 Reservoir Road, Cascade, MD 21719 / Phone: 717-941-1180 / Fax: 717-941-1181



ChillBox™ CW-2400 Series

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2.0 Ton Capacity

COOLING

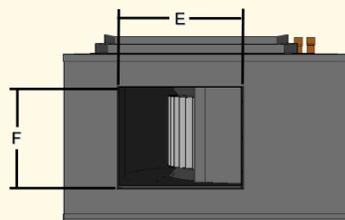
Standard Pump @ 3.5 GPM With Nominal Airflow

CFM	42°F Entering Water Temperature	45°F Entering Water Temperature	48°F Entering Water Temperature
	Capacity = Total / Sensible	Capacity = Total / Sensible	Capacity = Total / Sensible
700	23,950 / 17,770	21,555 / 16,825	19,216 / 15,927
800	25,150 / 19,170	22,655 / 18,225	20,316 / 17,231
900	26,150 / 20,470	23,555 / 19,425	21,216 / 18,521

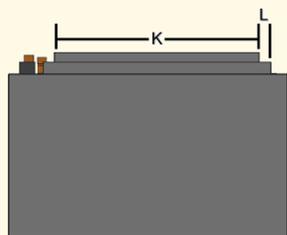
HEATING

Standard Pump @ 3.5 GPM With Nominal Airflow (Air Temperature Leaving The Unit Must Not Exceed 140 °F)

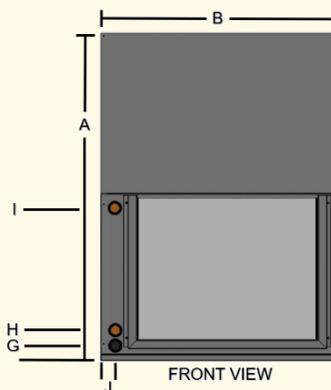
CFM	120°F Entering Water Temperature	140°F Entering Water Temperature	180°F Entering Water Temperature
700	34,800	52,700	70,700
800	37,400	56,600	76,200
900	39,700	60,300	81,000



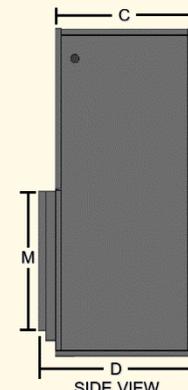
TOP VIEW



BOTTOM VIEW



FRONT VIEW



SIDE VIEW

Representative Drawing Only. Some Models May Vary In Appearance.

Warranty
1 Year Parts
2 Year Coil

CW-2415-00					
A	33"	J	1-1/2"	S	--
B	24"	K	18"	T	--
C	14"	L	1"	U	--
D	15-7/8"	M	16-7/16"	V	--
E	10-1/2"	N	--	W	--
F	8-1/2"	O	--	X	--
G	1-3/8"	P	--	Y	--
H	3"	Q	--	Z	--
I	16"	R	--		

Cross Reference	
JRJ	CW-2415-00
AeroSys	DCW-26-115V
Magic Aire	DVW800 DVB08



Listing # E114799
 Complies With UL 1955
 Fifth Edition Heating & Cooling Equipment

		CW-2415-00			
		Speed	Low	Med	High
Airflow	External Static Pressure	0.1	640	885	1,030
	External Static Pressure	0.2	635	850	975
	External Static Pressure	0.3	630	815	925
	External Static Pressure	0.4	615	775	870
	External Static Pressure	0.5	580	735	815
Motor	Amps At 110-115/1/60	5.9	4.6	2	
	HP	1/3	1/3	1/3	
Pipe	Coil Connection	5/8" OD			
	Condensate Drain	3/4" SS - NPT Thread			
Filter	1" Thick (Nominal)	16" x 20"			
Weight	(Unit Only)	83 lbs			

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ChillBox™ CW-3000 Series



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2.5 Ton Capacity

COOLING

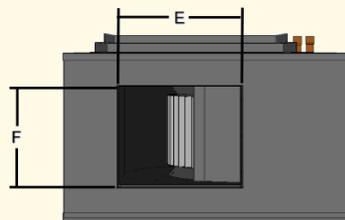
Standard Pump @ 3.5 GPM With Nominal Airflow

CFM	42°F Entering Water Temperature	45°F Entering Water Temperature	48°F Entering Water Temperature
	Capacity = Total / Sensible	Capacity = Total / Sensible	Capacity = Total / Sensible
900	26,550 / 18,990	23,885 / 17,875	21,272 / 16,775
1,000	27,950 / 20,490	25,185 / 19,375	22,472 / 18,277
1,100	29,150 / 21,990	26,285 / 20,775	23,572 / 19,672

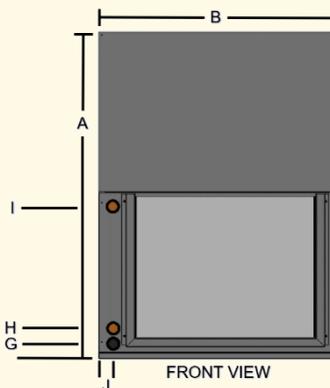
HEATING

Standard Pump @ 3.5 GPM With Nominal Airflow (Air Temperature Leaving The Unit Must Not Exceed 140 °F)

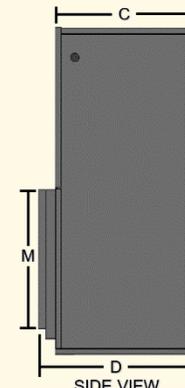
CFM	120°F Entering Water Temperature	140°F Entering Water Temperature	180°F Entering Water Temperature
	900	40,200	61,000
1,000	41,800	63,800	85,900
1,100	44,100	66,400	89,500



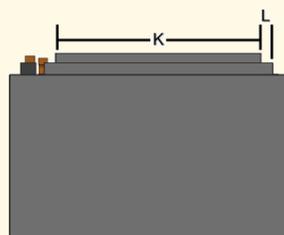
TOP VIEW



FRONT VIEW



SIDE VIEW



BOTTOM VIEW

Representative Drawing Only. Some Models May Vary In Appearance.

Warranty
1 Year Parts
2 Year Coil

CW-3015-00					
A	34-7/8"	J	1-1/2"	S	--
B	29"	K	23"	T	--
C	15"	L	1"	U	--
D	16-7/8"	M	16-7/16"	V	--
E	11-7/8"	N	--	W	--
F	8-1/2"	O	--	X	--
G	1-3/8"	P	--	Y	--
H	3"	Q	--	Z	--
I	16"	R	--		

Cross Reference	
JRJ	CW-3015-00
AeroSys	DCW-32-115V
Magic Aire	DVW1,000 DVB10



Listing # E114799
 Complies With UL 1995
 Fifth Edition Heating &
 Cooling Equipment

		CW-3015-00			
		Speed	Low	Med	High
Airflow	External Static Pressure	0.1	810	1,105	1,290
	External Static Pressure	0.2	805	1,060	1,220
	External Static Pressure	0.3	800	1,020	1,155
	External Static Pressure	0.4	770	970	1,085
	External Static Pressure	0.5	730	920	1,015
Motor	Amps At 110-115/1/60		5.9	4.6	3
	HP		1/3	1/3	1/3
Pipe	Coil Connection		3/4" OD		
	Condensate Drain		3/4" SS - NPT Thread		
Filter	1" Thick (Nominal)		16" x 25"		
Weight	(Unit Only)		96 lbs		

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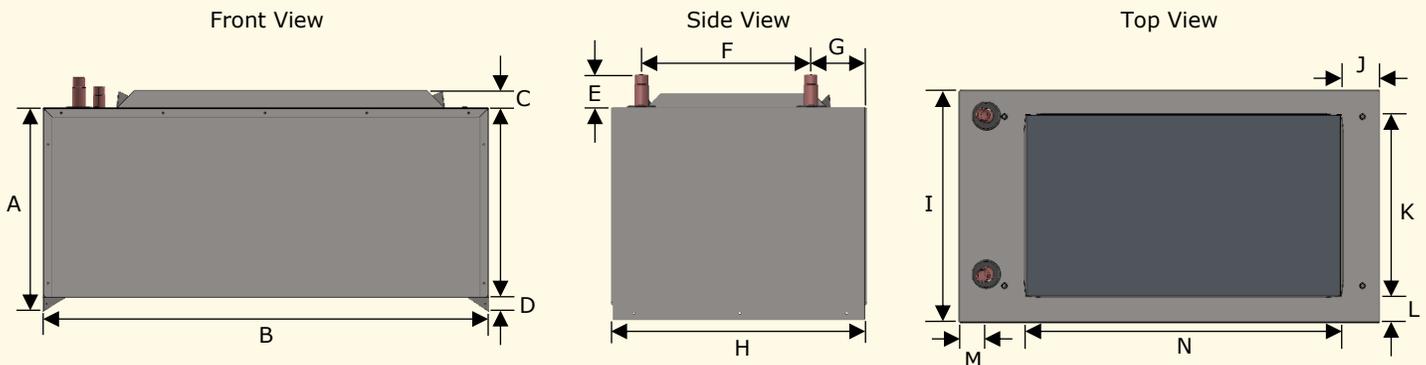
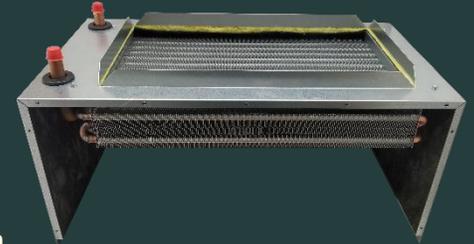
ChillBox™ CWHP-18/24/30 HeatPak



In Keeping With Its Policy Of Continuous Progress And Improvements, JRJ Manufacturing Reserves The Right To Make Changes Without Notice And Incurring Obligation.

ChillBox™ CW-HP HeatPak Series are built with the following features:

- Advanced Coil Design
- Non-Corrosive Hardware
- Air Purge Valve
- 2 lb. Thermal Acoustic, Anti-Microbial Duct Insulation
- Built In Flange For Duct Connection



CWHP-1824-00					
A	11"	J	2-1/4"	S	--
B	24"	K	10-1/4"	T	--
C	1"	L	1/2"	U	--
D	3/4"	M	1-1/2"	V	--
E	1-1/2"	N	18"	W	--
F	10"	O	--	X	--
G	1-1/4"	P	--	Y	--
H	13"	Q	--	Z	--
I	13-1/4"	R	--		

CWHP-3000-00					
A	11"	J	2-1/4"	S	--
B	29"	K	10-1/4"	T	--
C	1"	L	1-1/2"	U	--
D	3/4"	M	6-1/4"	V	--
E	1-1/2"	N	18"	W	--
F	10"	O	--	X	--
G	2-1/2"	P	--	Y	--
H	13"	Q	--	Z	--
I	13-1/4"	R	--		

	Heat Capacity (BTU)						
	Dry Bulb 60° F / Wet Bulb 50° F , 50% RH Entering Air Conditions						
	GPM	600 CFM	700 CFM	800 CFM	900 CFM	1,000 CFM	Coil P.D. (Ft.WTR.)
120°F Entering Water	2	18,800	20,000	21,000	21,900	23,300	0.9
	3	20,900	22,400	23,700	24,800	26,700	2
	4	22,000	23,800	25,300	26,600	28,800	3.4
	5	22,800	24,700	26,300	27,800	30,200	5.1
140°F Entering Water	2	25,300	26,900	28,300	29,500	31,500	0.9
	3	28,000	30,100	31,900	33,400	36,000	1.9
	4	29,600	31,900	34,000	35,800	38,800	3.3
160°F Entering Water	5	30,600	33,100	35,300	37,300	40,700	5
	2	31,900	34,000	35,700	37,800	39,800	0.9
	3	35,300	37,900	40,100	42,100	45,400	1.9
	4	37,200	40,200	42,700	45,000	48,900	3.2
180°F Entering Water	5	38,500	41,700	44,400	46,900	51,200	4.8
	2	38,600	41,100	43,200	45,100	48,100	0.9
	3	42,600	45,800	48,500	50,900	54,900	1.8
	4	44,900	48,500	51,600	54,300	59,000	3.1
	5	46,400	50,200	53,600	56,600	61,800	4.7

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ChillBox™ CW-00 Series Accessories



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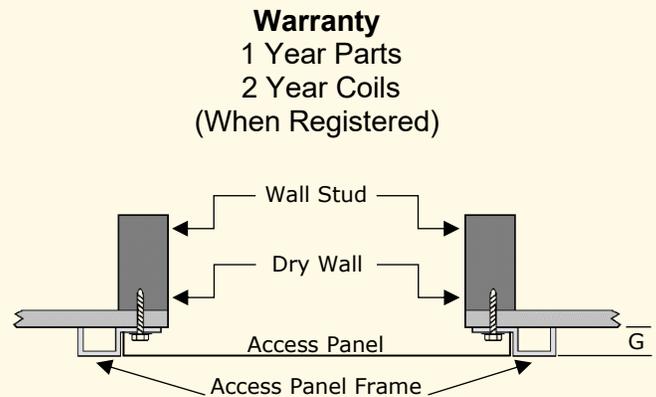
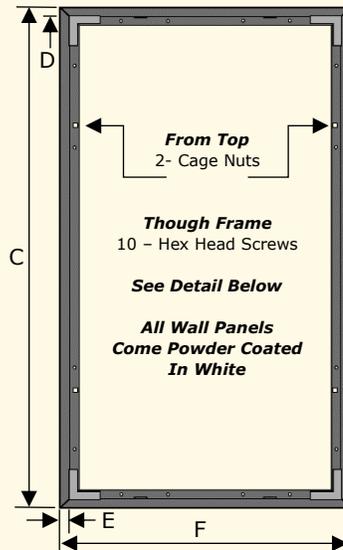
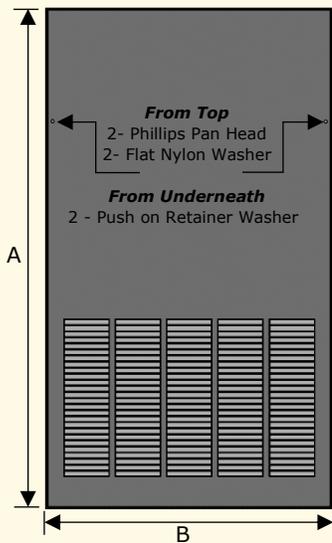
Sound Data

CW-1815-00	Freq (Hz):	63	125	250	500	1000	2000	4000	8000	Overall
CFM: 635	Lw Unit:	78	78	68	61	63	56	51	45	81
ESP: 0.50	LwA Unit:	52	62	59	58	63	57	52	45	67

CW-2415-00	Freq (Hz):	63	125	250	500	1000	2000	4000	8000	Overall
CFM: 970	Lw Unit:	83	83	73	66	68	61	56	51	87
ESP: 0.25	LwA Unit:	57	67	64	63	68	62	57	50	73

CW-3015-00	Freq (Hz):	63	125	250	500	1000	2000	4000	8000	Overall
CFM: 1320	Lw Unit:	85	85	75	68	70	63	58	53	88
ESP: 0.25	LwA Unit:	59	69	66	65	70	54	59	52	75

(Due to the conditions of each installation, JRJ Manufacturing is not responsible for variations of the above listed data)



Warranty
1 Year Parts
2 Year Coils
(When Registered)

Replaces Models
First Co. 9PWUC03
First Co. 9PWUC04

Representative Drawing Only. Some Models May Vary In Appearance.



WMP-93(L/S)-00					
A	48-5/8"	J	--	S	--
B	24-7/8"	K	--	T	--
C	49-3/8"	L	--	U	--
D	13/16"	M	--	V	--
E	13/16"	N	--	W	--
F	25-5/8"	O	--	X	--
G	11/16"	P	--	Y	--
H	--	Q	--	Z	--
I	--	R	--		

Recommended Wall Panel	
CW-1815-00	= WMP-93*-00 (with or without HeatPak Option)
CW-2415-00	= WMP-93*-00 (with or without HeatPak Option)
CW-3015-00	= WMP-94*-00 (with or without HeatPak Option)
*Available In: L = Louvered Wall Panel / S = Solid Wall Panel	

WMP-94(L/S)-00					
A	51-3/4"	J	--	S	--
B	30-7/8"	K	--	T	--
C	52-1/2"	L	--	U	--
D	13/16"	M	--	V	--
E	13/16"	N	--	W	--
F	31-5/8"	O	--	X	--
G	11/16"	P	--	Y	--
H	--	Q	--	Z	--
I	--	R	--		

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