



CLIMATEMASTER™

Dual Path Packaged Systems

EER to 15.4
COP to 5.0

ClimaDry™

CD Series 30/45/60

Features

- Dual Path System
- Variable Volume Outside Air
Based on IAQ Requirements
- KOAX™ Heat Exchanger
- Scroll Compressors
- Balanced Port TXV
- High Efficiency Motors/
Variable Pitch Sheaves
- Heavy Duty Cabinet,
Powder Coated, Stainless Steel Hinges
- Fully Insulated Including Base Pan
- Micro Processor Controls
- ABS Gear Driven Dampers
- Bottom Lifting Lugs
- Direct Drive Damper Actuator
- Alternate Refrigerant Available

Benefits- The Water Source Advantage

- Allows system to achieve exceptional operating effectiveness while introducing outside air for a better building environment
- Manages indoor air quality (IAQ) without cooling, dehumidifying, filtering or pre-heating excessive amounts of outside air
- Lower operating & maintenance cost, no outdoor coil, no condenser fan
- Proven efficiency, reliable and readily available
- Consistent performance in all operating modes
- Provides optimum performance for your particular needs and conditions
- Ensures dependable cabinet integrity and high aesthetic quality
- Quiet Operation
- Protects equipment and provides self diagnostics
- Low maintenance and corrosion resistant
- Safe, easy placement on roof
- No linkage to fail
- Environmentally friendly

Performance Data

Model Number	Nominal/Total Cooling					Nominal/Total Heating				GPM	Total CEM	Max O.A. CFM	Tested ESP	Max. ESP	H ₂ O Drop
	Total MBH	Sensible MBH	Rej. MBH	WATTS	EER	Absorb. MBH	MBH	WATTS	COP						
CD30	438	309	515	28320	15.4	228	186	13357	5.0	72	12000	4000	0.55	2.00	15'
CD45	656	477	777	43800	15.0	425	344	24900	5.0	110	18000	5000	0.75	2.00	20'
CD60	875	618	1050	63912	13.7	496	398	36521	4.0	140	24000	7000	0.75	2.00	20'

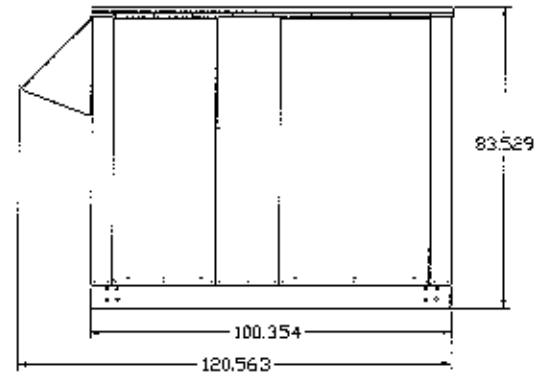
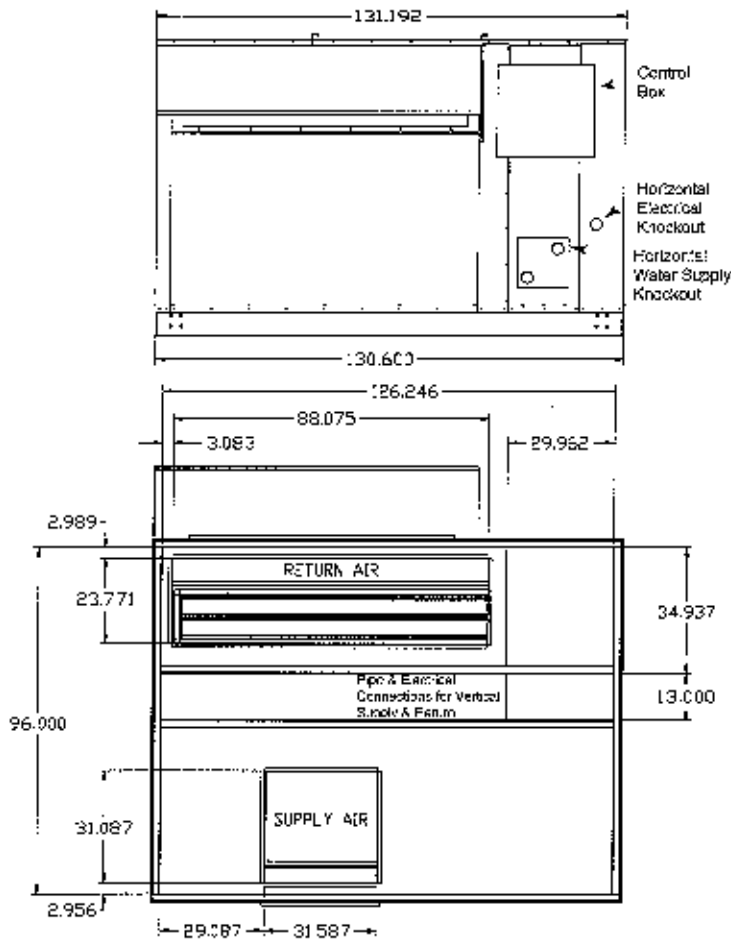
Cooling condition: EAT 80°F DB/67°F WB, EWT 80°F plus 25% O.A. at 90°FDB/ 75°FWB. Heating condition: EAT 70°F, EWT 70°F.

*Note: Includes Nominal Fan Watts

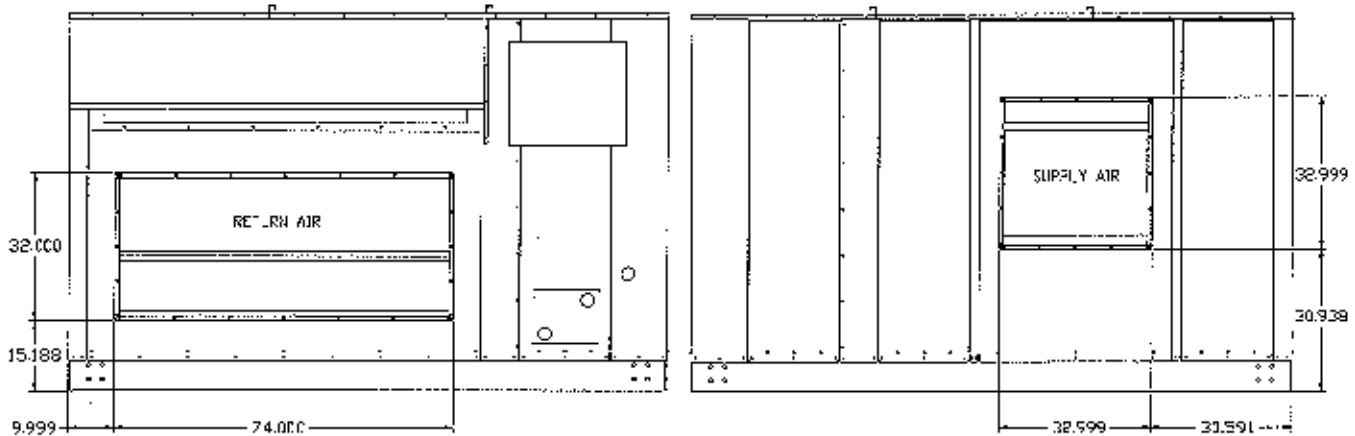
Electrical Data

Model	Volts	Fan Motor		Comp. 1		Comp. 2		Comp. 3		Comp. 4		FLA		FLA w/Pump		MCA		MCA w/Pump		CB		MAX CB w/Pump		
		#1	#2	RLA	LRA	RLA	LRA	RLA	LRA	RLA	LRA	Pump	#1	#2	#1	#2	#1	#2	#1	#2	#1	#2	#1	#2
CD30 (H) (V)	208	16.7	24.2	20.7	156.0	58	213	20.7	156.0	20.7	156.0	4	135.8	144.2	140.8	148.3	142.0	149.5	146.0	153.5	150	150	150	150
	240	15.2	22	20.7	156.0	58	247	20.7	156.0	20.7	156.0	3.6	135.3	142.1	138.9	145.7	140.5	147.3	144.1	150.9	150	150	150	150
	480	7.6	11	10.0	70.0	25.4	95	10.0	70.0	10.0	70.0	1.8	63.0	66.4	64.8	68.2	65.5	68.9	67.3	70.7	70	70	70	80
	600	5.1	9	8.2	54.0	19.6	76	8.2	54.0	8.2	54.0	1.8	50.3	53.2	52.1	55.0	52.4	55.3	54.2	57.1	60	60	60	60
CD45 (H) (V)	208	24.2	30.8	58	213	58	213	58	213	80.1	323	10.6	278.3	284.9	288.9	295.5	292.8	299.4	303.4	310.0	250	250	250	250
	240	22	28	58	247	58	247	58	247	80.1	376	9.6	276.1	282.1	285.7	291.7	290.6	296.6	300.2	306.2	250	250	250	250
	480	11	14	25.4	95	25.4	95	25.4	95	35.5	142	4.8	122.7	125.7	127.5	130.5	129.1	132.1	133.9	136.9	150	150	150	150
	600	9	11	19.6	76	19.6	76	19.6	76	28.3	114	4.8	96.1	98.1	100.9	102.9	101.0	103.0	105.8	107.8	110	110	125	125
CD60 (H) (V)	208	30.8	46.2	83	278	83	278	80.1	323	80.1	323	10.6	357.0	372.4	367.6	383.0	377.8	386.2	388.4	403.8	250	250	250	250
	240	28	42	83	320	83	320	80.1	376	80.1	376	9.6	354.2	368.2	362.8	377.8	375.0	389.0	384.6	398.6	250	250	250	250
	480	14	21	36	144	36	144	35.5	142	35.5	142	4.8	157.0	164.0	161.8	168.8	166.0	173.0	170.8	177.8	200	200	200	200
	600	11	17	28.6	115	28.6	115	28.3	114	28.3	114	4.8	124.8	130.8	129.5	135.6	132.0	138.0	136.8	142.8	150	150	150	150

Dimensions



Vertical Supply & Return



Horizontal Supply & Return



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