

The ultimate in flexibility and design savings: Dual Coil™ Series indirects include a secondary top-mounted heat exchanger for use as a hydronic heat source or additional input. The temperature of the domestic water controls the top coil's heat output, eliminating the need for flat plate heat exchangers and mixing systems when properly applied. Available in single wall or IAPMO-approved double-wall construction, the top coil can also provide supplemental input for massive heat transfer capability.

Specifications

Model Number	Capacity (gallons)	Height (inches)	Diameter (inches)	Shipping Weight (lbs.)	Cold Water inlet-nptm	Hot Water outlet-nptf	Bottom Coil Connections	Top Coil Connections	Top Coil Type
DC-80	80	66	26	198	3/4"	3/4"	3/4" NPTF	3/4" NPTF	Single Wall
DC-80DW	80	69	26	208	3/4"	3/4"	3/4" Union Sweat	1" Union Sweat	Double Wall
DC-120	119	71	29 3/4"	238	3/4"	3/4"	3/4" NPTF	3/4" NPTF	Single Wall
DC-120DW	119	74	29 3/4"	248	3/4"	3/4"	3/4" Union Sweat	1" Union Sweat	Double Wall

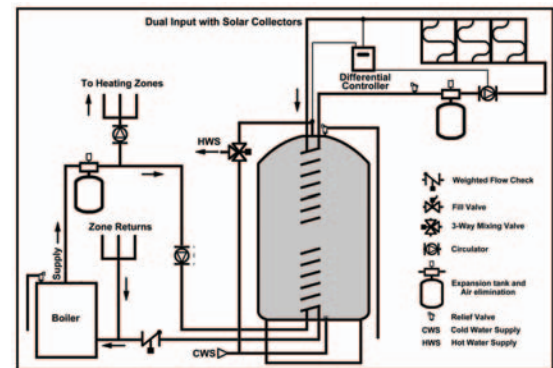
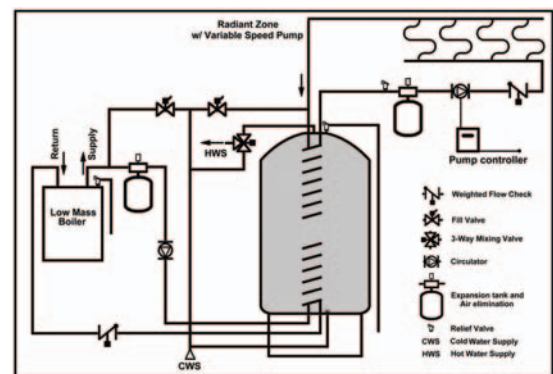
Heating (Output) Applications & Benefits

- Radiant heating
- Snow melt (including glycol systems)
- Bathroom remodels with whirlpool tub and floor warming
- Radiant panels, towel warmers, etc.
- Pool and spa heating
- Small isolated baseboard loops
- Reduces cycling with low-mass/wall-hung boilers
- Very low return temperature ability without shocking boilers
- Reliable dial aquastat adjustable to 180°F
- Eliminates expensive heat exchangers and mixing systems in many applications

Dual Input Applications & Benefits

- Solar collector systems
- Wood boilers and backup systems
- Large boiler feeding both coils
- Double-wall coil for antifreeze systems
- Domestic first hour over 900 gallons when tempered (180°F/120°F)
- Both coils are removable for inspection and cleaning

10-Year Limited Warranty



Domestic Water Performance

	DC-80 / DC-80DW			DC-120/DC-120DW		
	BOILER OUTPUT BTU/HR	FIRST-HOUR RATING (90°F rise) GALLONS	CONTINUOUS FLOW (70°F rise steady state) GPH	BOILER OUTPUT BTU/HR	FIRST-HOUR RATING (90°F rise) GALLONS	CONTINUOUS FLOW (70°F rise steady state) GPH
Bottom Coil Only	80,000	117	139	80,000	209	139
	100,000	202	173	100,000	236	173
	120,000	229	208	120,000	263	208
	140,000	256	242	140,000	289	242
	160,000	283	277	160,000	316	277
	180,000	310	312	180,000	343	312
	200,000	337	346	200,000	370	346
	240,000	389	413	240,000	423	413
	280,000	443	482	280,000	477	482
	320,000	469	551	320,000	530	551
	*360,000	550	620	*360,000	584	620
	400,000	603	688	400,000	637	688
Both Coils as Input	80,000	117	139	80,000	209	139
	100,000	202	173	100,000	236	173
	120,000	229	208	120,000	263	208
	140,000	256	242	140,000	289	242
	160,000	283	277	160,000	316	277
	180,000	310	312	180,000	343	312
	200,000	337	346	200,000	370	346
	240,000	389	413	240,000	423	413
	280,000	443	482	280,000	477	482
	320,000	469	551	320,000	530	551
	*360,000	550	620	*360,000	584	620
	400,000	603	688	400,000	637	688



*Double wall models maximum 360,000 BTUH with both coils.