

EarthLinked® DX

Hot Water Recovery Rates

For Various Earth Temperatures

Data Sheet



EARTHLINKED
TECHNOLOGIES

40°F Earth Temperature	Size, Tons	Recovery Rate in GPH for Water Temp. Rise in °F*		
		40	50	60
	2.0	86/45	63/33	47/25
2.5	110/54	81/39	61/30	
3.0	125/64	92/47	69/36	
3.5	157/99	115/72	87/55	
4.0	175/110	129/81	97/61	
5.0	221/139	162/102	123/77	
6.0	265/169	195/124	148/94	

50°F Earth Temperature	Size, Tons	Recovery Rate in GPH for Water Temp. Rise in °F*		
		40	50	60
	2.0	97/52	72/39	54/29
2.5	123/66	92/50	69/37	
3.0	139/77	104/58	78/43	
3.5	164/106	123/79	92/59	
4.0	184/117	138/88	103/66	
5.0	232/148	174/111	130/83	
6.0	278/179	208/134	156/100	

60°F Earth Temperature	Size, Tons	Recovery Rate in GPH for Water Temp. Rise in °F*		
		40	50	60
	2.0	112/66	82/49	63/37
2.5	140/85	103/62	79/48	
3.0	159/97	117/71	90/55	
3.5	180/122	132/89	102/69	
4.0	203/136	149/100	115/77	
5.0	254/171	186/125	144/97	
6.0	304/206	223/151	172/117	

70°F Earth Temperature	Size, Tons	Recovery Rate in GPH for Water Temp. Rise in °F*		
		40	50	60
	2.0	127/79	91/56	NA
2.5	156/100	111/71	NA	
3.0	181/113	129/80	NA	
3.5	195/133	139/95	NA	
4.0	222/150	159/107	NA	
5.0	277/188	198/134	NA	
6.0	331/226	237/161	NA	

*Recovery is for **Light Load/Full Load** conditions, for HCW Series Compressor Units, R-407C refrigerant, 60 Hz power, and D1/V1 Earth Loops for 40°F and 50°F earth temps.; D1.5/V1.5/D2/V2 Earth Loops for 60°F and 70°F earth temps. Cold water temperature is assumed equal to the earth temperature. Maximum hot water temp. is 120F.