Water - cooled condensing unit WCUX015DZV (C)

60 Hz Performance Data - English Units - Refrigerant R-410A

Suction Temperature °F		**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**
Entering Water Temperature °F												
65	***Tons***	17.4	17.7	18.1	18.4	18.8	19.2	19.6	19.9	20.3	20.7	21.1
	Btuh	208,303	212,506	216,782	221,132	225,556	230,056	234,634	239,289	244,023	248,836	253,731
	W	9,458	9,466	9,473	9,480	9,487	9,494	9,501	9,507	9,513	9,519	9,525
	EER	22.0	22.5	22.9	23.3	23.8	24.2	24.7	25.2	25.7	26.1	26.6
	THR - Btuh	240,604	244,832	249,132	253,506	257,954	262,478	267,078	271,755	276,510	281,345	286,259
70	***Tons***	16.8	17.2	17.5	17.9	18.2	18.6	19.0	19.3	19.7	20.1	20.5
	Btuh	202,155	206,227	210,369	214,583	218,869	223,228	227,662	232,172	236,758	241,422	246,165
	W	10,030	10,038	10,045	10,052	10,060	10,067	10,073	10,080	10,086	10,092	10,098
	EER	20.2	20.5	20.9	21.3	21.8	22.2	22.6	23.0	23.5	23.9	24.4
	THR - Btuh	236,409	240,506	244,673	248,912	253,222	257,605	262,063	266,595	271,203	275,888	280,650
75	***Tons***	16.3	16.7	17.0	17.4	17.7	18.0	18.4	18.8	19.1	19.5	19.9
	Btuh	196,183	200,126	204,138	208,218	212,369	216,591	220,885	225,252	229,693	234,210	238,803
	W	10,621	10,629	10,636	10,643	10,650	10,657	10,664	10,670	10,677	10,683	10,689
	EER	18.5	18.8	19.2	19.6	19.9	20.3	20.7	21.1	21.5	21.9	22.3
	THR - Btuh	232,454	236,423	240,459	244,564	248,739	252,984	257,302	261,691	266,154	270,692	275,305
80	***Tons***	15.9	16.2	16.5	16.8	17.2	17.5	17.9	18.2	18.6	18.9	19.3
	Btuh	190,341	194,159	198,042	201,992	206,010	210,097	214,254	218,481	222,781	227,153	231,600
	W	11,236	11,244	11,251	11,258	11,265	11,271	11,278	11,284	11,291	11,297	11,302
	EER	16.9	17.3	17.6	17.9	18.3	18.6	19.0	19.4	19.7	20.1	20.5
	THR - Btuh	228,713	232,556	236,463	240,438	244,479	248,589	252,768	257,018	261,338	265,731	270,197
85	***Tons***	15.4	15.7	16.0	16.3	16.6	17.0	17.3	17.7	18.0	18.4	18.7
	Btuh	184,583	188,278	192,036	195,859	199,747	203,702	207,724	211,815	215,975	220,206	224,508
	W	11,882	11,889	11,896	11,903	11,909	11,916	11,922	11,928	11,934	11,939	11,945
	EER	15.5	15.8	16.1	16.5	16.8	17.1	17.4	17.8	18.1	18.4	18.8
	THR - Btuh	225,160	228,879	232,660	236,506	240,417	244,393	248,437	252,548	256,729	260,979	265,300
90	***Tons***	14.9	15.2	15.5	15.8	16.1	16.4	16.8	17.1	17.4	17.8	18.1
	Btuh	178,863	182,438	186,073	189,771	193,532	197,358	201,248	205,205	209,229	213,321	217,482
	W	12,564	12,571	12,577	12,583	12,589	12,595	12,601	12,607	12,612	12,618	12,622
	EER	14.2	14.5	14.8	15.1	15.4	15.7	16.0	16.3	16.6	16.9	17.2
	THR - Btuh	221,769	225,366	229,024	232,743	236,525	240,371	244,281	248,257	252,300	256,410	260,588
95	***Tons***	14.4	14.7	15.0	15.3	15.6	15.9	16.2	16.6	16.9	17.2	17.5
	Btuh	173,134	176,591	180,107	183,683	187,320	191,019	194,781	198,606	202,496	206,453	210,476
	W	13,289	13,295	13,300	13,306	13,312	13,317	13,322	13,327	13,332	13,337	13,341
	EER	13.0	13.3	13.5	13.8	14.1	14.3	14.6	14.9	15.2	15.5	15.8
	THR - Btuh	218,514	221,992	225,528	229,124	232,780	236,497	240,276	244,119	248,026	251,998	256,035
100	***Tons***	13.9	14.2	14.5	14.8	15.1	15.4	15.7	16.0	16.3	16.6	17.0
	Btuh	167,349	170,692	174,092	177,549	181,064	184,639	188,275	191,972	195,732	199,555	203,443
	W	14,062	14,067	14,072	14,077	14,082	14,086	14,091	14,095	14,099	14,103	14,107
	EER	11.9	12.1	12.4	12.6	12.9	13.1	13.4	13.6	13.9	14.1	14.4
	THR - Btuh	215,369	218,730	222,147	225,621	229,153	232,744	236,395	240,107	243,880	247,717	251,617

W (Total Power Input in Watts) - Power input to unit, including controls
EER (Energy Efficiency Ratio) - Btuh / Total power input in Watts
THR (Total Heat Rejection in Btuh) - Btuh

Notes:

1. Condenser: Flow 3.0 gpm / ton
   Fouling factor 0.00025 h ・ft2・°F/Btu
2: - Dual scroll compressor
3: - Refrigerant R-410A
4: - Sea Level
5: - Interpolation between points is acceptable
6: - Extrapolation is not acceptable