

Appliance Consumption Estimate

Columbia Rural Electric Association						
Appliance Type	Cost Per kWh: \$ 0.0908	Approx.	Annual	Annualized		
		Wattage	Hours	kWh Use	Cost	Monthly Cost
Air Conditioner (Window 120V)		1566	887	1389	\$ 126.12	\$ 10.51
Blanket (Electric)		190	774	147	\$ 13.35	\$ 1.11
Block Heater (Car)		500	1200	600	\$ 54.48	\$ 4.54
Block Heater (Large Equipment)		2000	1200	2400	\$ 217.92	\$ 18.16
Broiler		1500	67	100	\$ 9.08	\$ 0.76
Carving Knife		92	87	8	\$ 0.73	\$ 0.06
Clock		2	8760	18	\$ 1.63	\$ 0.14
Clothes Dryer		5000	199	993	\$ 90.16	\$ 7.51
Coffee Maker (10 Cup)		850	125	106	\$ 9.62	\$ 0.80
Computer Processor/Monitor/and Printer		998	729	728	\$ 66.10	\$ 5.51
Cooker (Egg)		516	27	14	\$ 1.27	\$ 0.11
Deep Fat Fryer		1500	55	83	\$ 7.54	\$ 0.63
Dehumidifier		257	1467	377	\$ 34.23	\$ 2.85
Dishwasher		1300	279	363	\$ 32.96	\$ 2.75
Electrostatic Cleaner		60	4383	263	\$ 23.88	\$ 1.99
Fan (Attic)		370	786	291	\$ 26.42	\$ 2.20
Fan (Circulating)		88	489	43	\$ 3.90	\$ 0.33
Fan (Furnace)		292	1349	394	\$ 35.78	\$ 2.98
Fan (Roll-About)		171	807	138	\$ 12.53	\$ 1.04
Fan (Window)		200	850	170	\$ 15.44	\$ 1.29
Floor Polisher		305	49	15	\$ 1.36	\$ 0.11
Food Blender		400	38	15	\$ 1.36	\$ 0.11
Food Freezer (15 Cu. Ft.)		341	3504	1195	\$ 108.51	\$ 9.04
Food Freezer (Frostless 15 Cu. Ft.)		440	4002	1761	\$ 159.90	\$ 13.32
Food Mixer		127	102	13	\$ 1.18	\$ 0.10
Food Waste Disposal		445	67	30	\$ 2.72	\$ 0.23
Forced Air Furnace (15KW)		15000	720	10800	\$ 980.64	\$ 81.72
Frying Pan (Electric)		1196	156	186	\$ 16.89	\$ 1.41
Grill (Sandwich)		1161	28	33	\$ 3.00	\$ 0.25
Hair Dryer		1250	12	15	\$ 1.36	\$ 0.11
Heat Lamp (Infra-Red)		250	52	13	\$ 1.18	\$ 0.10
Heat Pump		5280	1440	7603	\$ 690.35	\$ 57.53
Heater (Portable)		1500	1080	1620	\$ 147.10	\$ 12.26
Heater (10 Ft. Baseboard 240V)		2500	1080	2700	\$ 245.16	\$ 20.43
Heater (Water Trough)		1500	1080	1620	\$ 147.10	\$ 12.26
Heater (Radiant)		1322	133	176	\$ 15.98	\$ 1.33
Heating Pad		65	154	10	\$ 0.91	\$ 0.08
Hot Plate		1257	72	90	\$ 8.17	\$ 0.68
Humidifier		117	1393	163	\$ 14.80	\$ 1.23
Iron (Hand)		1250	115	144	\$ 13.08	\$ 1.09
Lighting (incandescent bulb) 75w		75	2,190	164	\$ 14.91	\$ 1.24
Lighting (4' fluorescent tube) 40w		58	2,190	127	\$ 11.53	\$ 0.96

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	Wattage	Hours	kWh Use	Cost	Cost	Cost	
Lighting (compact fluorescent) 13w	19	2,190	42	\$ 3.78	\$ 0.31		
Lawn Mower	1500	12	18	\$ 1.63	\$ 0.14		
Microwave Oven	1500	365	547	\$ 49.67	\$ 4.14		
Oil Burner	266	1541	410	\$ 37.23	\$ 3.10		
Radio	25	720	18	\$ 1.63	\$ 0.14		
Radio-Phonograph	109	1000	109	\$ 9.90	\$ 0.82		
Range (Electric)	12000	98	1175	\$ 106.69	\$ 8.89		
Refrigerator (12 Cu. Ft.)	241	3021	728	\$ 66.10	\$ 5.51		
Refrigerator (Frostless 12')	321	3791	1217	\$ 110.50	\$ 9.21		
Refrigerator-Freezer (14')	335	3394	1137	\$ 103.24	\$ 8.60		
Refrigerator-Freezer (14' Frostless)	615	2974	1829	\$ 166.07	\$ 13.84		
Roaster	1333	154	205	\$ 18.61	\$ 1.55		
Rotisserie	1500	104	156	\$ 14.16	\$ 1.18		
Sewing Maching	75	147	11	\$ 1.00	\$ 0.08		
Shaver	14	71	1	\$ 0.09	\$ 0.01		
Stereo	90	1089	98	\$ 8.90	\$ 0.74		
Sun Lamp	280	57	16	\$ 1.45	\$ 0.12		
Television (B & W)	150	2413	362	\$ 32.87	\$ 2.74		
Television (Color)	210	2533	532	\$ 48.31	\$ 4.03		
Toaster	1150	34	39	\$ 3.54	\$ 0.30		
Toothbrush (Electric)	7	36	0.25	\$ 0.02	\$ 0.00		
Video Cassette Recorder/Player	25	1460	36.5	\$ 3.31	\$ 0.28		
Vacuum Cleaner	800	53	42	\$ 3.81	\$ 0.32		
Waffle Iron	1116	20	22	\$ 2.00	\$ 0.17		
Washing Machine (Automatic)	700	147	103	\$ 9.35	\$ 0.78		
Heat Tape @ 7 watts per ft.; avg. 6' tape	42	2143	90	\$ 8.17	\$ 0.68		
Water Heater (Quick Recovery)	4474	1075	4811	\$ 436.84	\$ 36.40		
Water Pump (1/2 Horsepower)	460	502	231	\$ 20.97	\$ 1.75		

Revised July 5, 2016