

Water Temperature Controls (TCU) - Reference Sheets

Item Number	Heater kW	Pump HP	GPM	PSI	Display	Power	Full Amp Load	H	W	D	Process Connections	Shipping Weight (lbs)
VTR-2100-LS	10	1	45	30	LED	230V	28.6	29.5	12.5	19	1 1/4" NPT	210
VTR-2100-LS-460	10	1	45	30	LED	460V	14.3	29.5	12.5	19	1 1/4" NPT	210
VTR-2100-LXG	10	1	45	30	LCD	230V	28.6	29.5	12.5	19	1 1/4" NPT	210
VTR-2100-LXG-460	10	1	45	30	LCD	460V	14.3	29.5	12.5	19	1 1/4" NPT	210
VTR-2100-LXT	10	1	45	30	Touch Screen	230V	28.6	29.5	12.5	19	1 1/4" NPT	210
VTR-2100-LXT-460	10	1	45	30	Touch Screen	460V	14.3	29.5	12.5	19	1 1/4" NPT	210
VTR-2150-LS	10	1.5	65	30	LED	230V	30.2	29.5	12.5	19	1 1/4" NPT	210
VTR-2150-LS-460	10	1.5	65	30	LED	460V	15.1	29.5	12.5	19	1 1/4" NPT	210
VTR-2150-LXG	10	1.5	65	30	LCD	230V	30.2	29.5	12.5	19	1 1/4" NPT	210
VTR-2150-LXG-460	10	1.5	65	30	LCD	460V	15.1	29.5	12.5	19	1 1/4" NPT	210
VTR-2150-LXT	10	1.5	65	30	Touch Screen	230V	30.2	29.5	12.5	19	1 1/4" NPT	210
VTR-2150-LXT-460	10	1.5	65	30	Touch Screen	460V	15.1	29.5	12.5	19	1 1/4" NPT	210
VTR-2200-LS	10	2	75	30	LED	230V	31.8	29.5	12.5	19	1 1/4" NPT	215
VTR-2200-LS-460	10	2	75	30	LED	460V	15.9	29.5	12.5	19	1 1/4" NPT	215
VTR-2200-LXG	10	2	75	30	LCD	230V	31.8	29.5	12.5	19	1 1/4" NPT	215
VTR-2200-LXG-460	10	2	75	30	LCD	460V	15.9	29.5	12.5	19	1 1/4" NPT	215
VTR-2200-LXT	10	2	75	30	Touch Screen	230V	31.8	29.5	12.5	19	1 1/4" NPT	215
VTR-2200-LXT-460	10	2	75	30	Touch Screen	460V	15.9	29.5	12.5	19	1 1/4" NPT	215
VTR-2300-LS	10	3	80		LED	230V	33.4	29.5	12.5	19	1 1/4" NPT	225
VTR-2300-LS-460	10	3	80	30	LED	460V	16.7	29.5	12.5	19	1 1/4" NPT	225
VTR-2300-LXG	10	3	80	30	LCD	230V	33.4	29.5	12.5	19	1 1/4" NPT	225
VTR-2300-LXG-460	10	3	80	30	LCD	460V	16.7	29.5	12.5	19	1 1/4" NPT	225
VTR-2300-LXT	10	3	80	30	Touch Screen	230V	33.4	29.5	12.5	19	1 1/4" NPT	225
VTR-2300-LXT-460	10	3	80	30	Touch Screen	460V	16.7	29.5	12.5	19	1 1/4" NPT	225
VTR-2500-LS	10	5	90	34	LED	230V	36.6	43	16	29	2" NPT	325
VTR-2500-LS-460	10	5	90	34	LED	460V	18.3	43	16	29	2" NPT	325
VTR-2500-LXG	10	5	90	34	LCD	230V	36.6	43	16	29	2" NPT	325
VTR-2500-LXG-460	10	5	90	34	LCD	460V	18.3	43	16	29	2" NPT	325
VTR-2500-LXT	10	5	90	34	Touch Screen	230V	36.6	43	16	29	2" NPT	325
VTR-2500-LXT-460	10	5	90	34	Touch Screen	460V	18.3	43	16	29	2" NPT	325
VTR-275-LS	10	0.75	35	30	LED	230V	27.8	29.5	12.5	19	1 1/4" NPT	210
VTR-275-LS-460	10	0.75	35	30	LED	460V	13.9	29.5	12.5	19	1 1/4" NPT	210
VTR-275-LXG	10	0.75	35	30	LCD	230V	27.8	29.5	12.5	19	1 1/4" NPT	210
VTR-275-LXG-460	10	0.75	35	30	LCD	460V	13.9	29.5	12.5	19	1 1/4" NPT	210

Note: All Supply and Drain Connections are 1/2" NPT



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Item Number	Heater kW	Pump HP	GPM	PSI	Display	Power	Full Amp Load	H	W	D	Process Connections	Shipping Weight (lbs)
VTR-275-LXT	16	0.75	35	30	Touch Screen	230V	27.8	29.5	12.5	19	1 1/4" NPT	210
VTR-275-LXT-460	10	0.75	35	30	Touch Screen	460V	13.9	29.5	12.5	19	1 1/4" NPT	210
VTR-3100-LS	16	1	45	30	LED	230V	43	29.5	12.5	19	1 1/4" NPT	210
VTR-3100-LS-460	16	1	45	30	LED	460V	21.5	29.5	12.5	19	1 1/4" NPT	210
VTR-3100-LXG	16	1	45	30	LCD	230V	43	29.5	12.5	19	1 1/4" NPT	210
VTR-3100-LXG-460	16	1	45	30	LCD	460V	21.5	29.5	12.5	19	1 1/4" NPT	210
VTR-3100-LXT	16	1	45	30	Touch Screen	230V	43	29.5	12.5	19	1 1/4" NPT	210
VTR-3100-LXT-460	16	1	45	30	Touch Screen	460V	21.5	29.5	12.5	19	1 1/4" NPT	210
VTR-3150-LS	16	1.5	65	30	LED	230V	44.4	29.5	12.5	19	1 1/4" NPT	210
VTR-3150-LS-460	16	1.5	65	30	LED	460V	22.2	29.5	12.5	19	1 1/4" NPT	210
VTR-3150-LXG	16	1.5	65	30	LCD	230V	44.4	29.5	12.5	19	1 1/4" NPT	210
VTR-3150-LXG-460	16	1.5	65	30	LCD	460V	22.2	29.5	12.5	19	1 1/4" NPT	210
VTR-3150-LXT	16	1.5	65	30	Touch Screen	230V	44.4	29.5	12.5	19	1 1/4" NPT	210
VTR-3150-LXT-460	16	1.5	65	30	Touch Screen	460V	22.2	29.5	12.5	19	1 1/4" NPT	210
VTR-3200-LS	16	2	75	30	LED	230V	45.8	29.5	12.5	19	1 1/4" NPT	220
VTR-3200-LS-460	16	2	75	30	LED	460V	22.9	29.5	12.5	19	1 1/4" NPT	220
VTR-3200-LXG	16	2	75	30	LCD	230V	45.8	29.5	12.5	19	1 1/4" NPT	220
VTR-3200-LXG-460	16	2	75	30	LCD	460V	22.9	29.5	12.5	19	1 1/4" NPT	220
VTR-3200-LXT	16	2	75	30	Touch Screen	230V	45.8	29.5	12.5	19	1 1/4" NPT	220
VTR-3200-LXT-460	16	2	75	30	Touch Screen	460V	22.9	29.5	12.5	19	1 1/4" NPT	220
VTR-3300-LS	16	3	80	30	LED	230V	47.8	29.5	12.5	19	1 1/4" NPT	225
VTR-3300-LS-460	16	3	80	30	LED	460V	23.9	29.5	12.5	19	1 1/4" NPT	225
VTR-3300-LXG	16	3	80	30	LCD	230V	47.8	29.5	12.5	19	1 1/4" NPT	225
VTR-3300-LXG-460	16	3	80	30	LCD	460V	23.9	29.5	12.5	19	1 1/4" NPT	225
VTR-3300-LXT	16	3	80	30	Touch Screen	230V	47.8	29.5	12.5	19	1 1/4" NPT	225
VTR-3300-LXT-460	16	3	80	30	Touch Screen	460V	23.9	29.5	12.5	19	1 1/4" NPT	225
VTR-3500-LS	16	5	90	34	LED	230V	51.2	43	16	29	2" NPT	335
VTR-3500-LS-460	16	5	90	34	LED	460V	25.6	43	16	29	2" NPT	335
VTR-3500-LXG	16	5	90	34	LCD	230V	51.2	43	16	29	2" NPT	335
VTR-3500-LXG-460	16	5	90	34	LCD	460V	25.6	43	16	29	2" NPT	335
VTR-3500-LXT	16	5	90	34	Touch Screen	230V	51.2	43	16	29	2" NPT	335
VTR-3500-LXT-460	16	5	90	34	Touch Screen	460V	25.6	43	16	29	2" NPT	335
VTR-375-LS	16	0.75	35	30	LED	230V	42.8	29.5	12.5	19	1 1/4" NPT	205
VTR-375-LS-460	16	0.75	35	30	LED	460V	21.4	29.5	12.5	19	1 1/4" NPT	205

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Item Number	Heater kW	Pump HP	GPM	PSI	Display	Power	Full Amp Load	H	W	D	Process Connections	Shipping Weight (lbs)
VTR-375-LXG	16	0.75	35	30	LCD	230V	42.8	29.5	12.5	19	1 1/4" NPT	205
VTR-375-LXG-460	16	0.75	35	30	LCD	460V	21.4	29.5	12.5	19	1 1/4" NPT	205
VTR-375-LXT	16	0.75	35	30	Touch Screen	230V	42.8	29.5	12.5	19	1 1/4" NPT	205
VTR-375-LXT-460	16	0.75	35	30	Touch Screen	460V	21.4	29.5	12.5	19	1 1/4" NPT	205
VTR-4100-LS	24	1	45	30	LED	230V	62.2	43	16	29	1 1/4" NPT	275
VTR-4100-LS-460	24	1	45	30	LED	460V	31.1	43	16	29	1 1/4" NPT	275
VTR-4100-LXG	24	1	45	30	LCD	230V	62.2	43	16	29	1 1/4" NPT	275
VTR-4100-LXG-460	24	1	45	30	LCD	460V	31.1	43	16	29	1 1/4" NPT	275
VTR-4100-LXT	24	1	45	30	Touch Screen	230V	62.2	43	16	29	1 1/4" NPT	275
VTR-4100-LXT-460	24	1	45	30	Touch Screen	460V	31.1	43	16	29	1 1/4" NPT	275
VTR-4150-LS	24	1.5	65	30	LED	230V	63.6	43	16	29	1 1/4" NPT	280
VTR-4150-LS-460	24	1.5	65	30	LED	460V	31.8	43	16	29	1 1/4" NPT	280
VTR-4150-LXG	24	1.5	65	30	LCD	230V	63.6	43	16	29	1 1/4" NPT	280
VTR-4150-LXG-460	24	1.5	65	30	LCD	460V	31.8	43	16	29	1 1/4" NPT	280
VTR-4150-LXT	24	1.5	65	30	Touch Screen	230V	63.6	43	16	29	1 1/4" NPT	280
VTR-4150-LXT-460	24	1.5	65	30	Touch Screen	460V	31.8	43	16	29	1 1/4" NPT	280
VTR-4200-LS	24	2	75	30	LED	230V	65	43	16	29	1 1/4" NPT	285
VTR-4200-LS-460	24	2	75	30	LED	460V	32.5	43	16	29	1 1/4" NPT	285
VTR-4200-LXG	24	2	75	30	LCD	230V	65	43	16	29	1 1/4" NPT	285
VTR-4200-LXG-460	24	2	75	30	LCD	460V	32.5	43	16	29	1 1/4" NPT	285
VTR-4200-LXT	24	2	75	30	Touch Screen	230V	65	43	16	29	1 1/4" NPT	285
VTR-4200-LXT-460	24	2	75	30	Touch Screen	460V	32.5	43	16	29	1 1/4" NPT	285
VTR-4300-LS	24	3	80	30	LED	230V	67	43	16	29	1 1/4" NPT	290
VTR-4300-LS-460	24	3	80	30	LED	460V	33.5	43	16	29	1 1/4" NPT	290
VTR-4300-LXG	24	3	80	30	LCD	230V	67	43	16	29	1 1/4" NPT	290
VTR-4300-LXG-460	24	3	80	30	LCD	460V	33.5	43	16	29	1 1/4" NPT	290
VTR-4300-LXT	24	3	80	30	Touch Screen	230V	67	43	16	29	1 1/4" NPT	290
VTR-4300-LXT-460	24	3	80	30	Touch Screen	460V	33.5	43	16	29	1 1/4" NPT	290
VTR-4500-LS	24	5	90	34	LED	230V	70.4	43	16	29	2" NPT	345
VTR-4500-LS-460	24	5	90	34	LED	460V	35.2	43	16	29	2" NPT	345
VTR-4500-LXG	24	5	90	34	LCD	230V	70.4	43	16	29	2" NPT	345
VTR-4500-LXG-460	24	5	90	34	LCD	460V	35.2	43	16	29	2" NPT	345
VTR-4500-LXT	24	5	90	34	Touch Screen	230V	70.4	43	16	29	2" NPT	345
VTR-4500-LXT-460	24	5	90	34	Touch Screen	460V	35.2	43	16	29	2" NPT	345

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Item Number	Heater kW	Pump HP	GPM	PSI	Display	Power	Full Amp Load	H	W	D	Process Connections	Shipping Weight (lbs)w
VTR-475-LS	24	0.75	35	30	LED	230V	63.1	43	16	29	1 1/4" NPT	270
VTR-475-LS-460	24	0.75	35	30	LED	460V	31.6	43	16	29	1 1/4" NPT	270
VTR-475-LXG	24	0.75	35	30	LCD	230V	63.1	43	16	29	1 1/4" NPT	270
VTR-475-LXG-460	24	0.75	35	30	LCD	460V	31.6	43	16	29	1 1/4" NPT	270
VTR-475-LXT	24	0.75	35	30	Touch Screen	230V	63.1	43	16	29	1 1/4" NPT	270
VTR-475-LXT-460	24	0.75	35	30	Touch Screen	460V	31.6	43	16	29	1 1/4" NPT	270

Note: All Supply and Drain Connections are 1/2" NPT



LED Display



Touch Screen



LCD Display

