



**PRODUCT SPECIFICATIONS SUPPLEMENT**

Bulletin No. 210865  
 April 2018

**GROSS COOLING CAPACITIES**

Model Number	Outdoor Temperature (°F)		Suction Temperature (°F)					
			30	35	40	45	50	55
TSA036H4 (208/230V-3ph)	65	Head Press PSIG	234.3	239.4	244.4	249.5	254.5	259.5
		Cap. Btuh x 1000	28.9	32.2	35.6	38.9	42.2	45.5
		Unit kW	1.4	1.5	1.5	1.5	1.5	1.5
	75	Head Press PSIG	271.2	276.4	281.6	286.8	292.0	297.1
		Cap. Btuh x 1000	27.2	30.4	33.6	36.8	40.0	43.3
		Unit kW	1.7	1.7	1.7	1.7	1.7	1.7
	85	Head Press PSIG	310.3	316.1	322.0	327.9	333.7	339.6
		Cap. Btuh x 1000	25.1	28.3	31.5	34.7	37.9	41.1
		Unit kW	1.9	1.9	1.9	1.9	1.9	2.0
	95	Head Press PSIG	355.5	361.4	367.3	373.1	379.0	384.8
		Cap. Btuh x 1000	23.2	26.2	29.3	32.3	35.4	38.4
		Unit kW	2.1	2.1	2.2	2.2	2.2	2.2
	105	Head Press PSIG	404.3	410.5	416.7	422.9	429.1	435.3
		Cap. Btuh x 1000	21.0	24.0	26.9	29.9	32.9	35.8
		Unit kW	2.4	2.4	2.5	2.5	2.5	2.5
	115	Head Press PSIG	458.6	464.8	471.1	477.3	483.5	489.8
		Cap. Btuh x 1000	19.0	21.8	24.6	27.3	30.1	32.9
		Unit kW	2.8	2.8	2.8	2.8	2.8	2.9
TSA036H4 (460V-3ph)	65	Head Press PSIG	234.3	239.4	244.4	249.5	254.5	259.5
		Cap. Btuh x 1000	28.9	32.2	35.6	38.9	42.2	45.5
		Unit kW	1.4	1.5	1.5	1.5	1.5	1.5
	75	Head Press PSIG	271.2	276.4	281.6	286.8	292.0	297.1
		Cap. Btuh x 1000	27.2	30.4	33.6	36.8	40.0	43.3
		Unit kW	1.7	1.7	1.7	1.7	1.7	1.7
	85	Head Press PSIG	310.3	316.1	322.0	327.9	333.7	339.6
		Cap. Btuh x 1000	25.1	28.3	31.5	34.7	37.9	41.1
		Unit kW	1.9	1.9	1.9	1.9	1.9	2.0
	95	Head Press PSIG	355.5	361.4	367.3	373.1	379.0	384.8
		Cap. Btuh x 1000	23.2	26.2	29.3	32.3	35.4	38.4
		Unit kW	2.1	2.1	2.2	2.2	2.2	2.2
	105	Head Press PSIG	404.3	410.5	416.7	422.9	429.1	435.3
		Cap. Btuh x 1000	21.0	24.0	26.9	29.9	32.9	35.8
		Unit kW	2.4	2.4	2.5	2.5	2.5	2.5
	115	Head Press PSIG	458.6	464.8	471.1	477.3	483.5	489.8
		Cap. Btuh x 1000	19.0	21.8	24.6	27.3	30.1	32.9
		Unit kW	2.8	2.8	2.8	2.8	2.8	2.9

NOTE - Performance data calculated at 15°F subcooling and 15° superheat and includes the capacity loss for 25 feet of refrigerant lines.

NOTE - Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.

## GROSS COOLING CAPACITIES

Model Number	Outdoor Temperature (°F)		Suction Temperature (°F)					
			30	35	40	45	50	55
TSA048H4 (208/230V-3ph)	65	Head Press PSIG	234.7	240.3	245.9	251.5	257.1	262.7
		Cap. Btuh x 1000	41.6	46.4	51.1	55.9	60.7	65.5
		Unit kW	2.1	2.1	2.0	2.0	2.0	1.9
	75	Head Press PSIG	270.3	276.1	281.9	287.7	293.5	299.3
		Cap. Btuh x 1000	38.9	43.4	48.0	52.6	57.1	61.7
		Unit kW	2.4	2.4	2.4	2.4	2.4	2.4
	85	Head Press PSIG	328.9	329.7	330.5	331.3	332.1	332.9
		Cap. Btuh x 1000	50.1	50.7	51.3	51.8	52.4	53.0
		Unit kW	2.8	2.8	2.8	2.8	2.8	2.8
	95	Head Press PSIG	352.7	359.0	365.3	371.7	378.0	384.3
		Cap. Btuh x 1000	33.3	37.6	41.8	46.0	50.2	54.4
		Unit kW	3.1	3.1	3.1	3.2	3.2	3.2
	105	Head Press PSIG	399.7	406.3	412.9	419.5	426.1	432.7
		Cap. Btuh x 1000	30.5	34.6	38.6	42.6	46.6	50.7
		Unit kW	3.5	3.5	3.5	3.6	3.6	3.6
	115	Head Press PSIG	452.4	459.1	465.7	472.3	479.0	485.6
		Cap. Btuh x 1000	27.4	31.3	35.1	39.0	42.8	46.6
		Unit kW	3.9	4.0	4.0	4.0	4.1	4.1
TSA048H4 (460V-3ph)	65	Head Press PSIG	235.0	240.4	245.9	251.4	256.9	262.4
		Cap. Btuh x 1000	41.8	46.4	51.1	55.8	60.5	65.2
		Unit kW	2.1	2.1	2.0	2.0	2.0	1.9
	75	Head Press PSIG	270.3	276.1	281.9	287.7	293.5	299.3
		Cap. Btuh x 1000	38.9	43.4	48.0	52.6	57.1	61.7
		Unit kW	2.4	2.4	2.4	2.4	2.4	2.4
	85	Head Press PSIG	328.9	329.7	330.5	331.3	332.1	332.9
		Cap. Btuh x 1000	50.1	50.7	51.3	51.8	52.4	53.0
		Unit kW	2.8	2.8	2.8	2.8	2.8	2.8
	95	Head Press PSIG	352.7	359.0	365.3	371.7	378.0	384.3
		Cap. Btuh x 1000	33.3	37.6	41.8	46.0	50.2	54.4
		Unit kW	3.1	3.1	3.1	3.2	3.2	3.2
	105	Head Press PSIG	399.7	406.3	412.9	419.5	426.1	432.7
		Cap. Btuh x 1000	30.5	34.6	38.6	42.6	46.6	50.7
		Unit kW	3.5	3.5	3.5	3.6	3.6	3.6
	115	Head Press PSIG	452.4	459.1	465.7	472.3	479.0	485.6
		Cap. Btuh x 1000	27.4	31.3	35.1	39.0	42.8	46.6
		Unit kW	3.9	4.0	4.0	4.0	4.1	4.1

NOTE - Performance data calculated at 15°F subcooling and 15° superheat and includes the capacity loss for 25 feet of refrigerant lines.

## GROSS COOLING CAPACITIES

Model Number	Outdoor Temperature (°F)		Suction Temperature (°F)					
			30	35	40	45	50	55
TSA060H4 (208/230V-3ph)	65	Head Press PSIG	236.5	242.7	248.8	255.0	261.2	267.3
		Cap. Btuh x 1000	49.8	55.4	61.0	66.6	72.2	77.7
		Unit kW	2.5	2.6	2.6	2.7	2.7	2.8
	75	Head Press PSIG	272.3	278.3	284.4	290.5	296.6	302.6
		Cap. Btuh x 1000	47.1	52.4	57.6	62.9	68.1	73.4
		Unit kW	2.8	2.9	3.0	3.0	3.1	3.1
	85	Head Press PSIG	310.8	317.2	323.7	330.2	336.7	343.2
		Cap. Btuh x 1000	43.7	48.9	54.1	59.3	64.5	69.7
		Unit kW	3.2	3.3	3.3	3.4	3.4	3.5
	95	Head Press PSIG	354.2	360.8	367.3	373.9	380.4	387.0
		Cap. Btuh x 1000	40.6	45.5	50.5	55.4	60.4	65.3
		Unit kW	3.6	3.7	3.7	3.8	3.9	3.9
	105	Head Press PSIG	400.3	407.3	414.2	421.2	428.1	435.1
		Cap. Btuh x 1000	36.9	41.7	46.5	51.3	56.2	61.0
		Unit kW	4.1	4.2	4.2	4.3	4.3	4.4
115	Head Press PSIG	450.9	458.1	465.3	472.5	479.7	486.9	
	Cap. Btuh x 1000	33.2	37.8	42.4	47.0	51.6	56.2	
	Unit kW	4.6	4.7	4.8	4.8	4.9	4.9	
TSA060H4 (460V-3ph)	65	Head Press PSIG	236.5	242.7	248.8	255.0	261.2	267.3
		Cap. Btuh x 1000	49.8	55.4	61.0	66.6	72.2	77.7
		Unit kW	2.5	2.6	2.6	2.7	2.7	2.8
	75	Head Press PSIG	272.3	278.3	284.4	290.5	296.6	302.6
		Cap. Btuh x 1000	47.1	52.4	57.6	62.9	68.1	73.4
		Unit kW	2.8	2.9	3.0	3.0	3.1	3.1
	85	Head Press PSIG	310.8	317.2	323.7	330.2	336.7	343.2
		Cap. Btuh x 1000	43.7	48.9	54.1	59.3	64.5	69.7
		Unit kW	3.2	3.3	3.3	3.4	3.4	3.5
	95	Head Press PSIG	354.2	360.8	367.3	373.9	380.4	387.0
		Cap. Btuh x 1000	40.6	45.5	50.5	55.4	60.4	65.3
		Unit kW	3.6	3.7	3.7	3.8	3.9	3.9
	105	Head Press PSIG	400.3	407.3	414.2	421.2	428.1	435.1
		Cap. Btuh x 1000	36.9	41.7	46.5	51.3	56.2	61.0
		Unit kW	4.1	4.2	4.2	4.3	4.3	4.4
115	Head Press PSIG	450.9	458.1	465.3	472.5	479.7	486.9	
	Cap. Btuh x 1000	33.2	37.8	42.4	47.0	51.6	56.2	
	Unit kW	4.6	4.7	4.8	4.8	4.9	4.9	

NOTE - Performance data calculated at 15°F subcooling and 15° superheat and includes the capacity loss for 25 feet of refrigerant lines.

