

# T-CLASS™ ROOFTOP UNIT PERFORMANCE SPECIFICATIONS

		COOLING DATA						HEATING INPUT				AIR FLOW RANGE				PHYSICAL DATA			
Nom. Ton	Model	Gross Cap. [Btuh]	ARI Rated Net Cap. [Btuh]	ARI Rated CFM	Seasonal Efficiency [SEER]	Full Load [EER]	Part Load [PLPV]					Minimum Heating			Static [in wc]	Dimensions H x W x L [inches]	Ship Wt. [lbs.]		
								Low	Standard	Medium	High	Cooling	Heating	Max.					
GAS/ELECTRIC UNITS	2	TGA024S2D	24,000	23,400	840	13.50	12.0	—	—	65,000	—	—	560	740	960	0-0.9	39 x 47 x 85-1/4	590	
	2.5	TGA030S2D	30,000	29,400	1000	13.50	11.8	—	—	65,000	—	—	700	740	1200	0-0.9	39 x 47 x 85-1/4	593	
	3	TGA036S2B	38,000	36,600	1200	13.00	11.6	—	—	65,000	105,000	—	840	960-1040	1440	0.1-1.5	39 x 47 x 85-1/4	637	
	4	TGA048S2B	50,000	48,000	1600	13.00	11.0	—	—	65,000	105,000	150,000	1120	960-1300	1920	0.1-1.5	39 x 47 x 85-1/4	673	
	5	TGA060S2B	62,000	59,000	2000	13.00	11.0	—	—	65,000	105,000	150,000	1400	960-1300	2400	0.1-1.5	39 x 47 x 85-1/4	690	
	6	TGA072S2B	75,000	72,000	2250	—	10.1	—	—	65,000	105,000	150,000	1680	960-1300	2880	0.1-1.5	47 x 47 x 85-1/4	727	
	7.5	TGA090H2B	93,000	90,000	3000	—	11.0	11.4	—	130,000	180,000	—	2100	2140-2540	3600	.02-1.2	50 x 58 x 99.25	1610	
	7.5	TGA090S2B	93,000	90,000	3000	—	10.1	10.5	—	130,000	180,000	—	2100	2140-2540	3600	.02-1.2	50 x 58 x 99.25	1610	
	8.5	TGA102H2B	106,000	102,000	3400	—	11.0	11.4	—	130,000	180,000	—	2380	2140-2540	4080	.02-1.2	50 x 58 x 99.25	1610	
	8.5	TGA102S2B	104,000	100,000	3400	—	10.1	10.5	—	130,000	180,000	—	2380	2140-2540	4080	.02-1.2	50 x 58 x 99.25	1610	
	10	TGA120H2B	126,000	120,000	3800	—	11.0	11.4	—	—	180,000	240,000	2800	2140-2540	4800	.02-1.2	50 x 58 x 99.25	1665	
	10	TGA120S2B	126,000	120,000	3800	—	10.1	10.5	—	—	180,000	240,000	2800	2140-2540	4800	.02-1.2	50 x 58 x 99.25	1665	
	12.5	TGA150S2B	145,000	138,000	4250	—	9.5	9.2	—	—	180,000	240,000	3500	2140-2540	6000	.02-1.2	50 x 58 x 99.25	1700	
	15	TGA180H2B	186,000	180,000	6000	—	10.8	11.2	—	260,000	360,000	480,000	4200	2780-5080	7200	.10-2.0	55 x 92.5 x 130	2600	
	15	TGA180S2B	186,000	180,000	6000	—	9.7	10.1	—	260,000	360,000	480,000	4200	2780-5080	7200	.10-2.0	55 x 92.5 x 130	2506	
	17.5	TGA210H2B	219,000	210,000	7000	—	10.8	11.2	—	260,000	360,000	480,000	4900	2780-5075	8400	.10-2.0	55 x 92.5 x 130	2725	
	17.5	TGA210S2B	218,000	210,000	6700	—	9.5	9.9	—	260,000	360,000	480,000	4900	2780-5075	8400	.10-2.0	55 x 92.5 x 130	2506	
	20	TGA240H2B	251,000	240,000	7500	—	10.8	11.2	—	260,000	360,000	480,000	5600	2780-5080	9600	.10-2.0	55 x 92.5 x 130	2725	
	20	TGA240S2B	243,000	232,000	8000	—	9.5	9.9	—	260,000	360,000	480,000	5600	2780-5080	9600	.10-2.0	55 x 92.5 x 130	2600	
	25	TGA300S2B	302,000	286,000	9000	—	9.5	9.7	—	260,000	360,000	480,000	7000	3125-6475	12000	.10-2.0	55 x 92.5 x 130	2725	
	KW Range*																		
	ELECTRIC/ELECTRIC UNITS	2	TCA024S2D	24,000	23,400	840	13.50	12.0	—	7.50	10.00	—	—	560	640	960	0-0.9	39 x 47 x 85-1/4	554
		2.5	TCA030S2D	30,000	29,400	1000	13.50	11.8	—	7.50	10.00	—	—	700	800	1200	0-0.9	39 x 47 x 85-1/4	557
		3	TCA036S2B	38,000	36,600	1200	13.00	11.6	—	7.50	15.00	—	—	840	960	1440	.01-1.5	39 x 47 x 85-1/4	601
		4	TCA048S2B	50,000	48,000	1600	13.00	11.0	—	7.50	15.00	—	—	1120	960	1920	.01-1.5	39 x 47 x 85-1/4	637
5		TCA060S2B	62,000	59,000	2000	13.00	11.0	—	7.50	15.00	22.50	—	—	1400	1600	2400	.01-1.5	39 x 47 x 85-1/4	654
6		TCA072S2B	75,000	72,000	2250	—	10.3	—	7.50	15.00	22.50	30.00	—	1680	1920	2880	.01-1.5	47 x 47 x 85-1/4	691
7.5		TCA090H2B	93,000	90,000	3000	—	11.0	11.4	7.50	15.00	22.50	30.00	45.00	2100	2400	3600	.02-1.2	50 x 58 x 99.25	1535
7.5		TCA090S2B	93,000	90,000	3000	—	10.4	10.8	7.50	15.00	22.50	45.00	45.00	2100	2400	3600	.02-1.2	50 x 58 x 99.25	1535
8.5		TCA102H2B	106,000	102,000	3400	—	11.0	11.4	7.50	15.00	22.50	30.00	45.00	2380	2400	4080	.02-1.2	50 x 58 x 99.25	1535
8.5		TCA102S2B	104,000	101,000	3400	—	10.4	10.8	7.50	15.00	22.50	30.00	45.00	2380	2400	4080	.02-1.2	50 x 58 x 99.25	1535
10		TCA120H2B	126,000	120,000	3800	—	11.0	11.4	15.00	22.50	30.00	45.00	60.00	2800	2400	4800	.02-1.2	50 x 58 x 99.25	1580
10		TCA120S2B	126,000	120,000	3800	—	10.4	10.8	15.00	22.50	30.00	45.00	60.00	2800	2400	4800	.02-1.2	50 x 58 x 99.25	1580
12.5		TCA150S2B	145,000	140,000	4250	—	9.7	9.4	15.00	22.50	30.00	45.00	60.00	3500	2400	6000	.02-1.2	50 x 58 x 99.25	1615
15		TCA180H2B	186,000	180,000	6000	—	10.8	11.2	15.00	30.00	45.00	60.00	—	4200	4800	7200	.10-2.0	55 x 92.5 x 130	2735
15		TCA180S2B	186,000	180,000	6000	—	9.7	10.1	15.00	30.00	45.00	60.00	—	4200	4800	7200	.10-2.0	55 x 92.5 x 130	2641
17.5		TCA210H2B	219,000	210,000	7000	—	10.8	11.2	15.00	30.00	45.00	60.00	90.00	4900	5200	8400	.10-2.0	55 x 92.5 x 130	3860
17.5		TCA210S2B	218,000	210,000	6700	—	9.7	10.1	15.00	30.00	45.00	60.00	90.00	4900	5200	8400	.10-2.0	55 x 92.5 x 130	2641
20		TCA240H2B	251,000	240,000	7500	—	10.8	11.2	15.00	30.00	45.00	60.00	90.00	5600	6000	9600	.10-2.0	55 x 92.5 x 130	2860
20		TCA240S2B	243,000	234,000	8000	—	9.7	10.0	15.00	30.00	45.00	60.00	90.00	5600	6000	9600	.10-2.0	55 x 92.5 x 130	2735
25		TCA300S2B	302,000	286,000	9000	—	9.5	9.7	15.00	30.00	45.00	60.00	90.00	7000	6000	12000	.10-2.0	55 x 92.5 x 130	2860
									47	HSPF/	17								
									Cap.	COP 47	Cap.								
HEAT PUMPS		2	THA024S2D	25,000	24,000	800	13.0	12.0	—	25,600	7.7/3.7	15,000	2.3	640	640	960	0-0.9	39 x 47 x 85-1/4	597
		2.5	THA030S2D	30,000	28,600	980	13.0	11.8	—	30,000	7.7/3.7	17,800	2.4	800	800	1200	0-0.9	39 x 47 x 85-1/4	599
		3	THA036S2B	37,000	35,600	1160	13.50	12.0	—	34,200	7.7/3.5	20,800	2.3	960	960	1440	.01-1.5	39 x 47 x 85-1/4	634
	4	THA048S2B	50,000	48,000	1750	13.00	11.2	—	44,500	7.7/3.6	26,200	2.3	1280	1280	1920	.01-1.5	39 x 47 x 85-1/4	656	
	5	THA060S2B	64,500	62,000	2000	13.00	11.6	—	59,000	7.7/3.6	31,400	2.3	1600	1600	2400	.01-1.5	47 x 47 x 85-1/4	731	
	6	THA072S2B	74,000	71,000	2400	—	10.6	—	73,000	—/3.6	42,000	2.3	1920	1920	2880	.01-1.5	47 x 47 x 85-1/4	736	
	7.5	THA090S2B	93,000	89,000	3000	—	10.1	10.5	90,000	3.2	52,000	2.2	2100	2625	3600	.02-1.2	50 x 58 x 99.25	1565	
	8.5	THA102S2B	104,000	100,000	3500	—	10.1	10.5	102,000	3.2	56,000	2.2	2380	2975	4080	.02-1.2	50 x 58 x 99.25	1565	
	10	THA120S2B	126,000	118,000	4200	—	10.1	10.5	120,000	3.2	72,000	2.2	2800	3500	4800	.02-1.2	50 x 58 x 99.25	1610	
	12.5	THA150S2B	144,000	138,000	4400	—	9.3	9.7	140,000	3.1	80,000	2.0	3500	4375	6000	.02-1.2	50 x 58 x 99.25	1610	
	15	THA180S2B	187,000	182,000	5700	—	9.3	9.7	192,000	3.1	106,000	2.0	4200	5250	7200	.10-2.0	55 x 92.5 x 130	2840	
20	THA240S2B	227,000	220,000	7000	—	9.3	9.4	220,000	3.1	118,000	2.0	5600	7000	9600	.10-2.0	55 x 92.5 x 130	2875		

Certified in accordance with the USE certification program which is based on ARI Standard 340/360: 95°F outdoor air temperature and 80°F db/67°F wb entering evaporator coil air.

Certified in accordance with the ULE certification program which is based on ARI standard 340/360: 95°F outdoor air temperature and 80°F db/67°F wb entering evaporator air; minimum external duct static pressure.

Direct-drive blower motors available for 2- to 5-ton models.

\*Nominal electric heat capacities are rated at 240V, 480V and 600V.

\*\*Heating CFM for gas models varies dependent upon heat option selected. Minimum Heating CFM for Heat Pumps does not include supplemental electric heat.

Note: Due to Lennox' ongoing commitment to quality, all specifications, ratings and dimensions are subject to change.