

L SERIES® R-22 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	Full Load [EER]	Part Load [SEER or IPLV]					CFM Min. Cool	CFM Min. Heat	CFM Max.	Static [in wc]	Dim. HxWxD [inches]	Ship Wt. Base [lbs]		
							Low	Stand.	Med.	High								
GAS/ELECTRIC	3	LGA036H2B	37,600	36,400	1,200	11.2	13.00	—	78,000	—	—	840	1,050	1,440	.20-1.8	37 x 45 x 86	786	
	3.5	LGA042H2B	44,800	43,500	1,370	11.3	13.00	—	78,000	—	125,000	980	1,050-1,320	1,680	.20-1.8	37 x 45 x 86	786	
	4	LGA048H2B	50,500	49,000	1,450	11.3	13.25	—	78,000	—	125,000	1,120	1,050-1,320	1,920	.20-1.8	37 x 45 x 86	850	
	5	LGA060H2B	63,000	61,000	2,000	11.0	13.00	—	78,000	—	125,000	1,400	1,050-1,320	2,400	.20-1.8	37 x 45 x 86	860	
	6	LGA072H2B	74,000	71,000	2,100	10.5	—	—	78,000	—	125,000	1,680	1,050-1,320	2,880	.20-1.8	37 x 45 x 86	875	
	6	LGC072S2B	76,000	72,000	2,100	10.1	—	—	78,000	—	125,000	1,680	1,050-1,320	2,880	.20-1.8	37 x 45 x 86	875	
	7.5	LGA090H2B	93,800	90,000	2,900	11.3	12.00	—	130,000	180,000	240,000	2,100	2,140-2,540	3,600	.20-2.60	50 x 58 x 100	1,385	
	7.5	LGC090S2B	96,000	93,000	3,000	10.3	10.80	—	130,000	180,000	240,000	2,100	2,140-2,540	3,600	.20-2.60	50 x 58 x 100	1,385	
	8.5	LGA102H2B	105,000	101,000	3,200	11.2	11.70	—	130,000	180,000	240,000	2,380	2,140-2,540	4,080	.20-2.60	50 x 58 x 100	1,385	
	8.5	LGC102S2B	106,000	102,000	3,400	10.3	10.40	—	130,000	180,000	240,000	2,380	2,140-2,540	4,080	.20-2.60	50 x 58 x 100	1,385	
	10	LGA120H2B	125,000	120,000	3,600	11.0	11.80	—	130,000	180,000	240,000	2,800	2,140-2,540	4,800	.20-2.60	50 x 58 x 100	1,440	
	10	LGC120S2B	126,000	120,000	3,800	10.3	10.50	—	130,000	180,000	240,000	2,800	2,140-2,540	4,800	.20-2.60	50 x 58 x 100	1,440	
	12.5	LGC150S2B	145,000	138,000	4,250	9.5	9.20	—	130,000	180,000	240,000	3,500	2,140-2,540	6,000	.20-2.60	50 x 58 x 100	1,475	
	13	LGC156H2B	160,000	156,000	5,100	12.2	13.60	169,000	260,000	360,000	—	3,640	2,780-4,445	6,240	.20-2.60	55 x 91 x 133	2,555	
	15	LGC180H2B	188,000	182,000	5,700	11.8	13.30	169,000	260,000	360,000	480,000	4,200	2,780-5,080	7,200	.20-2.60	55 x 91 x 133	2,555	
	15	LGC180S2B	186,000	180,000	6,000	10.0	10.60	169,000	260,000	360,000	480,000	4,200	2,780-5,080	7,200	.20-2.60	55 x 91 x 133	2,555	
	17.5	LGC210H2B	218,000	210,000	6,600	11.5	12.30	169,000	260,000	360,000	480,000	4,900	2,780-5,080	8,400	.20-2.60	55 x 91 x 133	2,685	
	17.5	LGC210S2B	212,000	204,000	6,800	10.0	10.50	169,000	260,000	360,000	480,000	4,900	2,780-5,080	8,400	.20-2.60	55 x 91 x 133	2,685	
	20	LGA240H2B	252,000	242,000	7,500	11.0	11.80	—	260,000	360,000	480,000	5,600	2,780-5,080	9,600	.20-2.60	55 x 91 x 133	2,735	
	20	LGC240S2B	243,000	232,000	8,000	9.5	9.80	—	260,000	360,000	480,000	5,600	2,780-5,080	9,600	.20-2.60	55 x 91 x 133	2,735	
21	LGA248H2B	257,000	248,000	8,000	11.7	12.30	—	260,000	360,000	480,000	5,880	2,780-7,110	10,080	.20-2.60	65 x 91 x 145	3,230		
25	LGC300H2B	311,000	300,000	9,500	11.0	11.50	—	260,000	360,000	480,000	7,000	2,780-7,110	12,000	.20-2.60	65 x 91 x 145	3,230		
25	LGC300S2B	302,000	286,000	9,000	9.5	9.70	—	260,000	360,000	480,000	7,000	3,130-6,465	12,000	.20-2.60	65 x 91 x 133	2,735		
30	LGC360H2B	351,000	336,000	10,500	10.1	10.60	—	260,000	360,000	480,000	8,400	4,815-7,110	14,400	.20-2.60	65 x 91 x 145	3,230		
KW Range																		
ELECTRIC/ELECTRIC	3	LCA036H2B	37,600	36,400	1,200	11.2	13.00	7	10	15	20	NA	840	960	1,440	.20-1.8	37 x 47 x 88	775
	3.5	LCA042H2B	44,800	43,500	1,370	11.3	13.00	7	10	15	20	NA	980	1,050	1,680	.20-1.8	37 x 47 x 88	775
	4	LCA048H2B	50,500	49,000	1,450	11.3	13.25	7	10	15	20	NA	1,120	1,050	1,920	.20-1.8	37 x 47 x 88	805
	5	LCA060H2B	63,000	61,000	2,000	11.0	13.00	7	10	15	20	25	1,400	1,050	2,400	.20-1.8	37 x 47 x 88	815
	6	LCA072H2B	74,000	71,000	2,100	10.5	—	10	15	20	25	30	1,680	1,050	2,880	.20-1.8	37 x 47 x 88	816
	6	LCC072S2B	76,000	72,000	2,100	10.3	—	10	15	20	25	30	1,680	1,050	2,880	.20-2.60	37 x 47 x 88	806
	7.5	LCA090H2B	93,800	90,000	2,900	11.3	12.00	7.5	15	22.5	30	45	2,100	2,400	3,600	.20-2.60	50 x 58 x 100	1,305
	7.5	LCC090S2B	96,000	93,000	3,000	10.4	10.80	7.5	15	22.5	30	45	2,100	2,400	3,600	.20-2.60	50 x 58 x 100	1,305
	8.5	LCA102H2B	105,000	101,000	3,200	11.2	11.70	7.5	15	22.5	30	45	2,380	2,400	4,080	.20-2.60	50 x 58 x 100	1,305
	8.5	LCC102S2B	106,000	102,000	3,400	10.4	10.40	7.5	15	22.5	30	45	2,380	2,400	4,080	.20-2.60	50 x 58 x 100	1,305
	10	LCA120H2B	125,000	120,000	3,600	11.0	11.80	15	22.5	30	45	60	2,800	2,800	4,800	.20-2.60	50 x 58 x 100	1,360
	10	LCC120S2B	126,000	120,000	3,800	10.4	10.50	15	22.5	30	45	60	2,800	2,800	4,800	.20-2.60	50 x 58 x 100	1,360
	12.5	LCC150S2B	145,000	140,000	4,250	9.7	9.40	15	22.5	30	45	60	3,500	3,000	6,000	.20-2.60	50 x 58 x 100	1,395
	13	LCC156H2B	160,000	156,000	5,100	12.2	13.60	15	30	45	60	NA	3,640	4,160	6,240	.20-2.60	55 x 91 x 133	2,500
	15	LCC180H2B	188,000	182,000	5,700	11.8	13.30	15	30	45	60	NA	4,200	4,800	7,200	.20-2.60	55 x 91 x 133	2,500
	15	LCC180S2B	186,000	180,000	6,000	10.0	10.60	15	30	45	60	NA	4,200	4,800	7,200	.20-2.60	55 x 91 x 133	2,500
17.5	LCC210H2B	218,000	210,000	6,600	11.5	12.30	15	30	45	60	90	4,900	5,200	8,400	.20-2.60	55 x 91 x 133	2,620	
17.5	LCC210S2B	212,000	204,000	6,800	10.0	10.50	15	30	45	60	90	4,900	5,200	8,400	.20-2.60	55 x 91 x 133	2,620	
20	LCA240H2B	252,000	242,000	7,500	11.0	11.80	15	30	45	60	90	5,600	6,000	9,600	.20-2.60	55 x 91 x 133	2,680	
20	LCC240S2B	243,000	234,000	8,000	9.7	10.00	15	30	45	60	90	5,600	6,000	9,600	.20-2.60	55 x 91 x 133	2,680	
21	LCA248H2B	257,000	248,000	8,000	11.7	12.30	30	45	60	90	120	5,880	6,720	10,080	.20-2.60	65 x 91 x 145	3,120	
25	LCC300H2B	311,000	300,000	9,500	11.0	11.50	30	45	60	90	120	7,000	8,000	12,000	.20-2.60	65 x 91 x 145	3,120	
25	LCC300S2B	302,000	286,000	9,000	9.5	9.70	30	45	60	90	120	7,000	8,000	12,000	.20-2.60	65 x 91 x 133	2,680	
30	LCC360H2B	351,000	336,000	10,500	10.1	10.60	30	45	60	90	120	8,400	9,600	14,400	.20-2.60	65 x 91 x 145	3,120	
							47	COP	17	COP								
							Cap.	47	Eff.	17	Cap.	17	Eff.					
HEAT PUMPS	7.5	LHA090H2B	94,000	89,000	3,000	11.5	12.50	90,000	3.3	52,000	2.1	2,625	—	3,600	.20-2.60	50 x 58 x 100	1,335	
	8.5	LHA102H2B	104,000	100,000	3,500	11.0	12.40	102,000	3.4	56,000	2.2	2,975	—	4,080	.20-2.60	50 x 58 x 100	1,335	
	10	LHA120H2B	124,000	118,000	4,200	10.3	11.30	120,000	3.3	72,000	2.1	3,500	—	4,800	.20-2.60	50 x 58 x 100	1,390	
	12.5	LHA150S2B	145,200	137,000	4,400	9.3	10.50	140,000	3.3	80,000	2.0	4,200	—	5,760	.20-2.60	50 x 58 x 100	1,395	
	15	LHA180H2B	187,000	182,000	5,700	11.0	12.00	192,000	3.3	106,000	2.0	5,250	—	7,200	.20-2.60	55 x 91 x 129	2,570	
20	LHA240H2B	227,000	220,000	7,000	10.2	11.00	220,000	3.3	118,000	2.1	7,000	—	9,600	.20-2.60	55 x 91 x 129	2,615		

L SERIES R-410A 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	Full Load [EER]	Part Load [SEER or IPLV]					CFM Min. Cool	CFM Min. Heat	CFM Max.	Static [in wc]	Dim. HxWxD [inches]	Ship Wt. Base [lbs]		
							Low	Stand.	Med.	High								
GAS/ELECTRIC	3	LGA036H4	36,200	35,000	1,300	11.4	13.40	—	78,000	—	—	840	1,050	1,440	.20-1.8	37 x 45 x 86	786	
	4	LGA048H4	51,000	49,500	1,600	11.5	13.50	—	78,000	—	125,000	1,120	1,050-1,320	1,920	.20-1.8	37 x 45 x 86	850	
	5	LGA060H4	62,500	60,000	2,000	10.5	12.50	—	78,000	—	125,000	1,400	1,050-1,320	2,400	.20-1.8	37 x 45 x 86	860	
	6	LGA072H4B**	75,000	72,000	2,250	10.4	—	—	78,000	—	125,000	1,680	1,050-1,320	2,880	.20-1.8	37 x 45 x 86	875	
	6	LGC072S4B	75,000	72,000	2,250	10.1	—	—	78,000	—	125,000	1,680	1,050-1,320	2,880	.20-1.8	37 x 45 x 86	875	
	7.5	LGA090H4B	93,000	90,000	2,900	11.3	12.30	—	130,000	180,000	240,000	2,100	2,140-2,540	3,600	.20-2.60	50 x 58 x 100	1,385	
	8.5	LGA102H4B	103,000	99,000	3,200	11.2	12.20	—	130,000	180,000	240,000	2,380	2,140-2,540	4,080	.20-2.60	50 x 58 x 100	1,385	
	10	LGA120H4B	124,000	120,000	3,600	11.0	12.00	—	130,000	180,000	240,000	2,800	2,140-2,540	4,800	.20-2.60	50 x 58 x 100	1,440	
	12.5	LGC150S4B	150,000	140,000	4,250	9.7	10.20	—	130,000	180,000	240,000	3,500	2,140-2,540	6,000	.20-2.60	50 x 58 x 100	1,475	
	13	LGC156H4B	159,000	154,000	5,200	12.0	13.30	169,000	260,000	360,000	—	3,640	2,780-4,445	6,240	.20-2.60	55 x 91 x 133	2,555	
	15	LGC180H4B	186,000	182,000	5,700	11.8	13.30	169,000	260,000	360,000	480,000	4,200	2,780-5,080	7,200	.20-2.60	55 x 91 x 133	2,555	
	17.5	LGC210H4B	212,000	204,000	6,600	11.5	12.30	169,000	260,000	360,000	480,000	4,900	2,780-5,080	8,400	.20-2.60	55 x 91 x 133	2,685	
	20	LGA240H4B	240,000	230,000	7,500	11.0	12.00	—	260,000	360,000	480,000	5,600	2,780-5,080	9,600	.20-2.60	55 x 91 x 133	2,735	
	21	LGA248H4B	257,000	248,000	8,000	11.7	12.70	—	260,000	360,000	480,000	5,880	2,780-7,110	10,080	.20-2.60	65 x 91 x 145	3,230	
	25	LGC300H4B	311,000	300,000	9,500	11.0	11.80	—	260,000	360,000	480,000	7,000	2,780-7,110	12,000	.20-2.60	65 x 91 x 145	3,230	
25	LGC300S4B	294,000	274,000	9,000	9.5	9.70	—	260,000	360,000	480,000	6,400	2,780-7,110	12,000	.20-2.60	55 x 91 x 133	2,735		
30	LGC360H4B	359,000	344,000	10,500	10.1	11.20	—	260,000	360,000	480,000	8,400	4,815-7,110	14,400	.20-2.60	65 x 91 x 145	3,230		
							KW Range											
ELECTRIC/ELECTRIC	3	LCA036H4	36,200	35,000	1,300	11.4	13.40	7	10	15	20	—	840	960	1,440	.20-1.8	37 x 47 x 88	775
	4	LCA048H4	51,000	49,500	1,600	11.5	13.50	7	10	15	20	—	1,120	1,050	1,920	.20-1.8	37 x 47 x 88	805
	5	LCA060H4	62,500	60,000	2,000	10.5	12.50	7	10	15	20	25	1,400	1,050	2,400	.20-1.8	37 x 47 x 88	815
	6	LCA072H4B**	75,000	72,000	2,250	10.4	—	10	15	20	25	30	1,680	1,050	2,880	.20-1.8	37 x 47 x 88	816
	6	LCC072S4B	75,000	72,000	2,250	10.1	—	10	15	20	25	30	1,680	1,050	2,880	.20-1.8	37 x 47 x 88	816
	7.5	LCA090H4B	93,000	90,000	2,900	11.3	12.30	7.5	15	22.5	30	45	2,100	2,400	3,600	.20-2.60	50 x 58 x 100	1,305
	8.5	LCA102H4B	103,000	99,000	3,200	11.2	12.20	7.5	15	22.5	30	45	2,380	2,400	4,080	.20-2.60	50 x 58 x 100	1,305
	10	LCA120H4B	124,000	120,000	3,600	11.2	12.20	15	22.5	30	45	60	2,800	2,800	4,800	.20-2.60	50 x 58 x 100	1,360
	12.5	LCC150S4B	150,000	140,000	4,250	9.7	10.20	15	22.5	30	45	60	3,500	3,000	6,000	.20-2.60	50 x 58 x 100	1,395
	13	LCC156H4B	159,000	154,000	5,200	12.0	13.30	15	30	45	60	—	3,640	4,160	6,240	.20-2.60	55 x 91 x 133	2,500
	15	LCC180H4B	186,000	182,000	5,700	11.8	13.30	15	30	45	60	—	4,200	4,800	7,200	.20-2.60	55 x 91 x 133	2,500
	17.5	LCC210H4B	212,000	204,000	6,600	11.5	12.30	15	30	45	60	90	4,900	5,200	8,400	.20-2.60	55 x 91 x 133	2,620
	20	LCA240H4B	240,000	230,000	7,500	11.0	12.00	15	30	45	60	90	5,600	6,000	9,600	.20-2.60	55 x 91 x 133	2,680
	21	LCA248H4B	257,000	248,000	8,000	11.7	12.70	30	45	60	90	120	5,880	6,720	10,080	.20-2.60	65 x 91 x 145	3,120
	25	LCC300H4B	311,000	300,000	9,500	11.0	11.80	30	45	60	90	120	7,000	8,000	12,000	.20-2.60	65 x 91 x 145	3,120
25	LCC300S4B	294,000	274,000	9,000	9.5	9.70	30	45	60	90	120	6,400	8,000	12,000	.20-2.60	55 x 91 x 133	2,680	
30	LCC360H4B	359,000	344,000	10,500	10.1	11.20	30	45	60	90	120	8,400	9,600	14,400	.20-2.60	65 x 91 x 145	3,120	

L SERIES VAV UNIT PERFORMANCE SPECIFICATIONS

R-22	21	LGA248H2V	257,000	248,000	8,000	11.7	14.00	—	260,000	360,000	480,000	2,520	2,780-7,110	10,080	.20-2.60	65 x 91 x 145	3,230	
	25	LGC300H2V	311,000	300,000	9,500	11.0	13.40	—	260,000	360,000	480,000	3,000	2,780-7,110	12,000	.20-2.60	65 x 91 x 145	3,230	
	30	LGC360H2V	351,000	336,000	10,500	10.1	13.00	—	260,000	360,000	480,000	3,600	4,815-7,110	14,400	.20-2.60	65 x 91 x 145	3,230	
								KW Range										
	21	LCA248H2V	257,000	248,000	8,000	12.0	14.50	30	45	60	90	120	2,520	6,720	10,080	.20-2.60	65 x 91 x 145	3,120
	25	LCC300H2V	311,000	300,000	9,500	11.0	13.40	30	45	60	90	120	3,000	8,000	12,000	.20-2.60	65 x 91 x 145	3,120
30	LCC360H2V	351,000	336,000	10,500	10.1	13.00	30	45	60	90	120	3,600	9,600	14,400	.20-2.60	65 x 91 x 145	3,120	
R-410A	21	LGA248H4V	257,000	248,000	8,000	11.4	14.20	—	260,000	360,000	480,000	2,520	2,780-7,110	10,080	.20-2.60	65 x 91 x 145	3,230	
	25	LGC300H4V	311,000	300,000	9,500	11.0	14.00	—	260,000	360,000	480,000	3,000	2,780-7,110	12,000	.20-2.60	65 x 91 x 145	3,230	
	30	LGC360H4V	359,000	344,000	10,500	10.1	13.20	—	260,000	360,000	480,000	3,600	4,815-7,110	14,400	.20-2.60	65 x 91 x 145	3,230	
								KW Range										
	21	LCA248H4V	257,000	248,000	8,000	11.7	14.70	30	45	60	90	120	2,520	6,720	10,080	.20-2.60	65 x 91 x 145	3,120
	25	LCC300H4V	311,000	300,000	9,500	11.0	14.00	30	45	60	90	120	3,000	8,000	12,000	.20-2.60	65 x 91 x 145	3,120
30	LCC360H4V	359,000	344,000	10,500	10.1	13.20	30	45	60	90	120	3,600	9,600	14,400	.20-2.60	65 x 91 x 145	3,120	

Heating CFM for Gas models varies dependent upon heat option selected. Heating CFM for Heat Pump models does not include any supplemental electric heat. Dimensions are rounded up to the nearest inch.

Direct-drive models are also available in 3-, 4- and 5-ton capacities.

Certified in accordance with USE certification program which is based on ARI standard 210/240 (5 tons and below): 95°F outdoor air temperature and 80dB/67wb entering evaporator coil air.

*Not available in single-phase or 575/3 voltage.

**For 6-ton capacities, the Humiditrol® dehumidification system is only available on standard-efficiency models LGA072S and LCA072S.

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