

Instructions for Installing Optional High Static Blower in “B” Cabinet Furnaces

Installation Instructions

The *L1RA/*GC1RA and *L1RC/*GC1RC “B” cabinet furnaces can be modified for high static applications by removing the current blower assembly and replacing it with NORDYNE Blower assembly part number 904485. The following airflow data table applies to all “B” cabinet furnaces listed.

Model Number *L1RA/*GC1RA	Heating Input (Btuh)	Motor Speed	Motor HP	External Static Pressure (Inches Water Column)															
				0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8	
				CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise
072-16B w/ 904485 Blower Assy.	72,000	High	3/4	2375	21	2320	22	2280	23	2215	24	2150	25	2085	26	2015	27	1940	28
		Med-High**		1975	26	1955	27	1920	27	1895	28	1850	29	1800	30	1740	31	1685	32
		Med-Low*		1640	32	1615	32	1595	33	1575	34	1540	35	1500	36	1460	37	1400	38
		Low		1365	38	1345	39	1330	40	1315	41	1280	42	1245	43	1225	44	1210	45
090-16B w/ 904485 Blower Assy.	90,000	High	3/4	2375	28	2320	29	2280	30	2215	30	2150	31	2085	32	2015	33	1940	34
		Med-High**		1975	33	1955	34	1920	35	1895	35	1850	36	1800	37	1740	38	1685	39
		Med-Low*		1640	40	1615	41	1595	41	1575	42	1540	43	1500	44	1460	46	1400	48
		Low		1365	49	1345	50	1330	50	1315	51	1280	52	1245	53	1225	54	1210	55
108-16B w/ 904485 Blower Assy.	108,000	High**	3/4	2410	32	2370	33	2330	34	2275	35	2230	36	2165	37	2075	38	1990	40
		Med-High		2035	39	1995	40	1965	41	1955	41	1915	42	1895	42	1815	44	1790	45
		Med-Low*		1680	47	1660	48	1650	49	1645	49	1640	50	1565	51	1550	52	1485	54
		Low		1435	54	1430	55	1420	56	1415	56	1400	57	1350	59	1330	60	1275	62

Model Number *L1RC/*GC1RC	Heating Input (Btuh)	Motor Speed	Motor HP	External Static Pressure (Inches Water Column)															
				0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8	
				CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise
080D-16B w/ 904485 Blower Assy.	80,000	High**	3/4	2215	30	2150	31	2100	32	2045	33	1980	34	1910	35	1825	37	1740	39
		Med-High		1995	34	1960	35	1920	35	1880	36	1825	37	1750	39	1690	40	1590	42
		Med-Low*		1730	39	1680	40	1670	40	1640	41	1585	42	1540	44	1490	45	1460	46
		Low		1505	45	1425	48	1440	47	1425	48	1400	49	1350	50	1320	51	1255	54
100D-16B w/ 904485 Blower Assy.	100,000	High**	3/4	2265	38	2205	39	2155	40	2075	41	2020	42	1950	44	1840	46	1745	49
		Med-High		1955	43	1930	44	1895	45	1840	46	1790	47	1750	48	1660	51	1555	55
		Med-Low*		1660	51	1640	52	1610	53	1580	54	1560	55	1495	57	1435	60	1360	62
		Low		1380	61	1360	62	1345	63	1330	65	1310	65	1285	66	1250	68	1190	71

*Factory recommended cooling speed

**Factory recommended heating speed

Notes:

1. Airflow rates of 1800 CFM or more require two return air connections. Data is for operation with filters(s).
2. Temperature rises in the table are approximate. Actual temperature rises may vary.
3. Temperature rises and airflows for external static pressures greater than 0.5 are for reference only. These conditions are not recommended.

