

CARRIER and BDP
ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58MVP and 355 MAV

Multipoise, hot surface ignition, variable-speed condensing furnace

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
0 to 2000	850	43	3.7/1.5	43	3.8/1.6	42	3.2/1.4
	875	43	3.5/1.5	43	3.6/1.5	43	3.7/1.6
	900	44	3.7/1.6	43	3.4/1.4	43	3.5/1.5
	925	44	3.5/1.5	44	3.7/1.6	44	3.8/1.6
	950	44	3.4/1.5	44	3.5/1.5	44	3.6/1.5
	975	44	3.2/1.3	44	3.3/1.4	44	3.4/1.4
	1000	45	3.7/1.6	45	3.8/1.6	44	3.2/1.4
	1025	45	3.5/1.5	45	3.6/1.5	45	3.7/1.6
	1050	45	3.3/1.4	45	3.4/1.5	45	3.6/1.5
	1075	45	3.2/1.3	45	3.3/1.4	45	3.4/1.4
	1100	47	3.6/1.5	47	3.7/1.6	45	3.2/1.4

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
2001 to 3000	775	43	3.8/1.6	42	3.2/1.4	42	3.3/1.4
	800	43	3.5/1.5	43	3.7/1.5	43	3.8/1.6
	825	44	3.8/1.6	43	3.4/1.5	43	3.6/1.5
	850	44	3.6/1.5	44	3.7/1.6	44	3.8/1.6
	875	44	3.4/1.4	44	3.5/1.5	44	3.6/1.5
	900	44	3.2/1.4	44	3.3/1.4	44	3.4/1.4
	925	45	3.7/1.5	45	3.8/1.6	44	3.2/1.4
	950	45	3.5/1.5	45	3.6/1.5	45	3.7/1.6
	975	45	3.3/1.4	45	3.4/1.4	45	3.5/1.5
	1000	47	3.7/1.6	45	3.2/1.4	45	3.4/1.4
	1025	47	3.6/1.5	47	3.7/1.6	45	3.2/1.3

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
3001 to 4000	750	43	3.7/1.6	43	3.8/1.6	42	3.3/1.4
	775	43	3.5/1.5	43	3.6/1.5	43	3.7/1.6
	800	44	3.7/1.6	43	3.4/1.4	43	3.5/1.5
	825	474	3.5/1.5	44	3.6/1.5	44	3.8/1.6
	850	44	3.3/1.4	44	3.4/1.4	44	3.5/1.5
	875	45	3.8/1.6	44	3.2/1.4	44	3.3/1.4
	900	45	3.6/1.5	45	3.7/1.6	45	3.8/1.6
	925	45	3.4/1.4	45	3.5/1.5	45	3.6/1.5
	950	45	3.2/1.4	45	3.3/1.4	45	3.4/1.5
	975	47	3.6/1.5	45	3.2/1.3	45	3.3/1.4
	1000	47	3.5/1.5	47	3.6/1.5	47	3.7/1.6

(Tabulated Data Based on 20,000 Btuh High Heat/13,000 Btuh Low Heat per Burner
Derated 2% for each 1000 feet Above Sea Level)

CARRIER and BDP ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58MVP and 355 MAV							
Multipoise, hot surface ignition, variable-speed condensing furnace							
ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
4001 to 5000	725	43	3.7/1.5	43	3.8/1.6	42	3.2/1.4
	750	43	3.4/1.4	43	3.5/1.5	43	3.7/1.5
	775	44	3.7/1.6	44	3.8/1.6	43	3.4/1.4
	800	44	3.5/1.5	44	3.6/1.5	44	3.7/1.6
	825	44	3.2/1.4	44	3.4/1.4	44	3.5/1.5
	850	45	3.7/1.6	45	3.8/1.6	44	3.3/1.4
	875	45	3.5/1.5	45	3.6/1.5	45	3.7/1.6
	900	45	3.3/1.4	45	3.4/1.4	45	3.5/1.5
	925	47	3.7/1.6	45	3.2/1.4	45	3.3/1.4
	950	47	3.5/1.5	47	3.6/1.5	45	3.2/1.3
5001 to 6000	700	43	3.6/1.5	43	3.7/1.6	42	3.2/1.3
	725	43	3.4/1.4	43	3.5/1.5	43	3.6/1.5
	750	44	3.6/1.5	44	3.7/1.6	43	3.4/1.4
	775	44	3.4/1.4	44	3.5/1.5	44	3.6/1.5
	800	44	3.2/1.3	44	3.3/1.4	44	3.4/1.4
	825	45	3.6/1.5	45	3.7/1.6	44	3.2/1.4
	850	45	3.4/1.4	45	3.5/1.5	45	3.6/1.5
	875	45	3.2/1.4	45	3.3/1.4	45	3.4/1.5
	900	47	3.6/1.5	47	3.7/1.6	45	3.3/1.4
	925	47	3.4/1.4	47	3.5/1.5	47	3.7/1.5
	950	48	3.7/1.6	48	3.8/1.6	47	3.5/1.5
	975	48	3.5/1.5	48	3.6/1.5	48	3.8/1.6
	1000	48	3.3/1.4	48	3.5/1.5	48	3.6/1.5
6001 to 7000	650	42	3.2/1.3	42	3.3/1.4	42	3.4/1.4
	675	43	3.6/1.5	43	3.7/1.6	43	3.8/1.6
	700	44	3.8/1.6	43	3.4/1.5	43	3.6/1.5
	725	44	3.6/1.5	44	3.7/1.6	44	3.8/1.6
	750	44	3.3/1.4	44	3.4/1.5	44	3.6/1.5
	775	45	3.8/1.6	44	3.2/1.4	44	3.3/1.4
	800	45	3.5/1.5	45	3.7/1.5	45	3.8/1.6
	825	45	3.3/1.4	45	3.4/1.5	45	3.6/4.5
	850	47	3.7/1.6	45	3.2/1.4	45	3.4/1.4
	875	47	3.5/1.5	47	3.6/1.5	45	3.2/1.3

(Tabulated Data Based on 20,000 Btuh High Heat/13,000 Btuh Low Heat per Burner
Derated 2% for each 1000 feet Above Sea Level)

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6/98

MODELS 58MVP and 355 MAV							
Multipoise, hot surface ignition, variable-speed condensing furnace							
ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
7001 to 8000	625	43	3.8/1.6	42	3.3/1.4	42	3.4/1.4
	650	43	3.5/1.5	43	3.7/1.6	43	3.8/1.6
	675	44	3.8/1.6	43	3.4/1.4	43	3.5/1.5
	700	44	3.5/1.5	44	3.6/1.5	44	3.8/1.6
	725	44	3.3/1.4	44	3.4/1.4	44	3.5/1.5
	750	45	3.7/1.6	45	3.8/1.6	44	3.3/1.4
	775	45	3.5/1.5	45	3.6/1.5	45	3.7/1.6
	800	45	3.3/1.4	45	3.4/1.4	45	3.5/1.5
	825	47	3.6/1.5	45	3.2/1.3	45	3.3/1.4
	850	47	3.4/1.4	47	3.5/1.5	47	3.7/1.5

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
8001 to 9000	600	43	3.8/1.6	42	3.3/1.4	42	3.4/1.4
	625	43	3.5/1.5	43	3.6/1.5	43	3.8/1.6
	650	44	3.7/1.6	43	3.4/1.4	43	3.5/1.5
	675	44	3.5/1.5	44	3.6/1.4	44	3.7/1.6
	700	44	3.2/1.4	44	3.3/1.4	44	3.4/1.5
	725	45	3.6/1.5	45	3.8/1.6	44	3.2/1.4
	750	45	3.4/1.4	45	3.5/1.5	45	3.6/1.5
	775	45	3.2/1.3	45	3.3/1.4	45	3.4/1.4
	800	47	3.6/1.5	47	3.7/1.6	45	3.2/1.3

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
9001 to 10,000	575	43	3.8/1.6	42	3.2/1.4	42	3.3/1.4
	600	43	3.5/1.5	43	3.6/1.5	43	3.7/1.6
	652	44	3.7/1.6	44	3.8/1.6	43	3.5/1.5
	650	44	3.4/1.4	44	3.5/1.5	44	3.7/1.5
	675	45	3.8/1.6	44	3.3/1.4	44	3.4/1.4
	700	45	3.6/1.5	45	3.7/1.6	45	3.8/1.6
	725	45	3.3/1.4	45	3.4/1.5	45	3.6/1.5
	750	47	3.7/1.6	45	3.2/1.4	45	3.3/1.4
	775	47	3.5/1.5	47	3.6/1.5	47	3.7/1.6

(Tabulated Data Based on 20,000 Btuh High Heat/13,000 Btuh Low Heat per Burner
Derated 2% for each 1000 feet Above Sea Level)

CARRIER and BDP
ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58MCA, 58MSA, 58MXA,
340MAV, 345MAV, 350MAV, 490AAV

Multipoise, hot surface ignition, fixed-speed, condensing furnace

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU.FT.)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
0 to 2000	850	43	3.7	43	3.8	42	3.2
	875	43	3.5	43	3.6	43	3.7
	900	44	3.7	43	3.4	43	3.5
	925	44	3.5	44	3.7	44	3.8
	950	44	3.4	44	3.5	44	3.6
	975	44	3.2	44	3.3	44	3.4
	1000	45	3.7	45	3.8	44	3.2
	1025	45	3.5	45	3.6	45	3.7
	1050	45	3.3	45	3.4	45	3.6
	1075	45	3.2	45	3.3	45	3.4
	1100	47	3.6	47	3.7	45	3.2

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU.FT.)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
2001 to 3000	775	43	3.8	42	3.2	42	3.3
	800	43	3.5	43	3.7	43	3.5
	825	44	3.8	43	3.4	43	3.6
	850	44	3.6	44	3.7	44	3.8
	875	44	3.4	44	3.5	44	3.6
	900	44	3.2	44	3.3	44	3.4
	925	45	3.7	45	3.8	44	3.2
	950	45	3.5	45	3.6	45	3.7
	975	45	3.3	45	3.4	45	3.5
	1000	45	3.1	45	3.2	45	3.4
	1025	45	3.0	45	3.1	45	3.2

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU.FT.)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
3001 to 4000	750	43	3.7	43	3.8	42	3.3
	775	43	3.5	43	3.6	43	3.7
	800	44	3.7	43	3.4	43	3.5
	825	44	3.5	44	3.6	44	3.8
	850	44	3.3	44	3.4	44	3.5
	875	45	3.8	44	3.2	44	3.3
	900	45	3.6	45	3.7	45	3.8
	925	45	3.4	45	3.5	45	3.6
	950	45	3.2	45	3.3	45	3.4
	975	45	3.0	45	3.2	45	3.3
	1000	45	2.9	45	3.0	45	3.1

(Tabulated Data Based on 20,000 Btu/h per Burner
Derated 2% for each 1000 feet Above Sea Level)

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ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58MCA, 58MSA, 58MXA,
340MAV, 345MAV, 350MAV, 490AAV

Multipoise, hot surface ignition, fixed-speed, condensing furnace

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
4001 to 5000	725	43	3.7	43	3.8	42	3.2
	750	43	3.4	43	3.5	43	3.7
	775	44	3.7	44	3.8	43	3.4
	800	44	3.5	44	3.6	44	3.7
	825	44	3.2	44	3.4	44	3.5
	850	45	3.7	45	3.8	44	3.3
	875	45	3.5	45	3.6	45	3.7
	900	45	3.3	45	3.4	45	3.5
	925	45	3.1	45	3.2	45	3.3
	950	45	3.0	45	3.1	45	3.2

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
5001 to 6000	700	43	3.6	43	3.7	42	3.2
	725	43	3.4	43	3.5	43	3.6
	750	44	3.6	44	3.7	43	3.4
	775	44	3.4	44	3.5	44	3.6
	800	44	3.2	44	3.3	44	3.4
	825	45	3.6	45	3.7	44	3.2
	850	45	3.4	45	3.5	45	3.6
	875	45	3.2	45	3.3	45	3.4
	900	45	3.0	45	3.1	45	3.3
	925	45	2.9	45	3.0	45	3.1
	950	45	2.7	45	2.8	45	2.9
	975	45	2.6	45	2.7	45	2.8
	1000	45	2.5	45	2.5	45	2.6

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
6001 to 7000	650	42	3.2	42	3.3	42	3.4
	675	43	3.6	43	3.7	43	3.8
	700	44	3.8	43	3.4	43	3.6
	725	44	3.6	44	3.7	44	3.8
	750	44	3.3	44	3.4	44	3.6
	775	45	3.8	44	3.2	44	3.3
	800	45	3.5	45	3.7	45	3.8
	825	45	3.3	45	3.4	45	3.6
	850	45	3.1	45	3.2	45	3.4
	875	45	3.0	45	3.1	45	3.2

(Tabulated Data Based on 20,000 Btuh per Burner
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6/98

MODELS 58MCA, 58MSA, 58MXA,
340MAV, 345MAV, 350MAV, 490AAV

Multipoise, hot surface ignition, fixed-speed, condensing furnace

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU.FT.)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
7001 to 8000	625	43	3.8	42	3.3	42	3.4
	650	43	3.5	43	3.7	43	3.8
	675	44	3.8	43	3.4	43	3.5
	700	44	3.5	44	3.6	44	3.8
	725	44	3.3	44	3.4	44	3.5
	750	45	3.7	45	3.8	44	3.3
	775	45	3.5	45	3.6	45	3.7
	800	45	3.3	45	3.4	45	3.5
	825	45	3.1	45	3.2	45	3.3
	850	45	2.9	45	3.0	45	3.1

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU.FT.)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
8001 to 9000	600	43	3.8	42	3.3	42	3.4
	625	43	3.5	43	3.6	43	3.8
	650	44	3.7	43	3.4	43	3.5
	675	44	3.5	44	3.6	44	3.7
	700	44	3.2	44	3.3	44	3.4
	725	45	3.6	45	3.8	44	3.2
	750	45	3.4	45	3.5	45	3.6
	775	45	3.2	45	3.3	45	3.4
	800	45	3.0	45	3.1	45	3.2

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU.FT.)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
9001 to 10000	575	43	3.8	42	3.2	42	3.3
	600	43	3.5	43	3.6	43	3.7
	625	44	3.7	44	3.8	43	3.5
	650	44	3.4	44	3.5	44	3.7
	675	45	3.8	44	3.3	44	3.4
	700	45	3.6	45	3.7	45	3.8
	725	45	3.3	45	3.4	45	3.6
	750	45	3.1	45	3.2	45	3.3
	775	45	2.9	45	3.0	45	3.1

(Tabulated Data Based on 20,000 Btu/h per Burner
Derated 2% for each 1000 feet Above Sea Level)

CARRIER and BDP
ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58DFA, 58GFA, 58PAP, 58RAP,
373LAD, 383KAD, 394HAD, 396HAD, GA1AAD, GA2AAD

Upflow, induced-combustion, standing pilot, fixed speed, non-condensing furnaces

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
0 to 2000	850	42	3.3	42	3.4	42	3.5
	875	43	3.8	42	3.2	42	3.3
	900	43	3.6	43	3.7	42	3.2
	925	43	3.4	43	3.5	43	3.6
	950	44	3.7	44	3.8	43	3.5
	975	44	3.5	44	3.6	44	3.8
	1000	44	3.3	44	3.5	44	3.6
	1025	44	3.2	44	3.3	44	3.4
	1050	45	3.7	45	3.8	44	3.2
	1075	46	3.7	46	3.8	45	3.7
	1100	46	3.5	46	3.6	46	3.8

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
2001 to 3000	775	43	3.7	42	3.2	42	3.3
	800	43	3.5	43	3.6	43	3.7
	825	44	3.8	43	3.4	43	3.5
	850	44	3.6	44	3.7	44	3.8
	875	44	3.4	44	3.5	44	3.6
	900	44	3.2	44	3.3	44	3.4
	925	44	3.0	44	3.1	44	3.2
	950	44	2.8	44	2.9	44	3.0
	975	44	2.7	44	2.8	44	2.9
	1000	44	2.6	44	2.7	44	2.7
	1025	44	2.4	44	2.5	44	2.6

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
3001 to 4000	750	43	3.5	43	3.6	43	3.7
	775	44	3.8	43	3.4	43	3.5
	800	44	3.5	44	3.7	44	3.8
	825	44	3.3	44	3.4	44	3.5
	850	44	3.1	44	3.2	44	3.3
	875	44	2.9	44	3.1	44	3.2
	900	44	2.8	44	2.9	44	3.0
	925	44	2.6	44	2.7	44	2.8
	950	44	2.5	44	2.6	44	2.7
	975	44	2.4	44	2.5	44	2.5
	1000	44	2.3	44	2.3	44	2.4

(Tabulated Data Based on 21,000 Btu/h per Burner
Derated 4% for each 1000 feet Above Sea Level)

CARRIER and BDP
ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58DFA 58GFA, 58PAP, 58RAP,
373LAD, 383KAD, 394HAD, 396HAD, GA1AAD, GA2AAD

Upflow, induced-combustion, standing pilot, fixed speed, non-condensing furnaces

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
4001 to 5000	725	44	3.8	43	3.4	43	3.5
	750	44	3.5	44	3.6	44	3.8
	775	44	3.3	44	3.4	44	3.5
	800	44	3.1	44	3.2	44	3.3
	825	44	2.9	44	3.0	44	3.1
	850	44	2.7	44	2.8	44	2.9
	875	44	2.6	44	2.7	44	2.8
	900	44	2.4	44	2.5	44	2.6
	925	44	2.3	44	2.4	44	2.5
	950	44	2.2	44	2.3	44	2.3

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
5001 to 6000	700	44	3.5	44	3.6	44	3.8
	725	44	3.3	44	3.4	44	3.5
	750	44	3.1	44	3.2	44	3.3
	775	44	2.9	44	3.0	44	3.1
	800	44	2.7	44	2.8	44	2.9
	825	44	2.5	44	2.6	44	2.7
	850	44	2.4	44	2.5	44	2.6
	875	44	2.3	44	2.3	44	2.4
	900	44	2.1	44	2.2	44	2.3
	925	44	2.0	44	2.1	44	2.2
	950	49	3.7	49	3.8	44	2.0
	975	49	3.5	49	3.6	49	3.7
	1000	49	3.3	49	3.4	49	3.6

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
6001 to 7000	650	44	3.5	44	3.7	44	3.8
	675	44	3.3	44	3.4	44	3.5
	700	44	3.0	44	3.2	44	3.3
	725	44	2.8	44	2.9	44	3.0
	750	44	2.7	44	2.7	44	2.8
	775	44	2.5	44	2.6	44	2.7
	800	44	2.3	44	2.4	44	2.5
	825	44	2.2	44	2.3	44	2.3
	850	44	2.1	44	2.1	44	2.2
	875	49	3.8	44	2.0	44	2.1

(Tabulated Data Based on 21,000 Btuh per Burner
Derated 4% for each 1000 feet Above Sea Level)

CARRIER and BDP
ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58DFA 58GFA, 58PAP, 58RAP,
373LAD, 383KAD, 394HAD, 396HAD, GA1AAD, GA2AAD

Upflow, induced-combustion, standing pilot, fixed speed, non-condensing furnaces

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
7001 to 8000	625	44	3.3	44	3.4	44	3.5
	650	44	3.0	44	3.1	44	3.3
	675	44	2.8	44	2.9	44	3.0
	700	44	2.6	44	2.7	44	2.8
	725	44	2.4	44	2.5	44	2.6
	750	44	2.3	44	2.4	44	2.4
	775	44	2.1	44	2.2	44	2.3
	800	44	2.0	44	2.1	44	2.1
	825	49	3.6	49	3.8	44	2.0
	850	49	3.4	49	3.5	49	3.7

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
8001 to 9000	600	44	3.1	44	3.2	44	3.3
	625	44	2.8	44	2.9	44	3.0
	650	44	2.6	44	2.7	44	2.8
	675	44	2.4	44	2.5	44	2.6
	700	44	2.2	44	2.3	44	2.4
	725	44	2.1	44	2.2	44	2.2
	750	49	3.8	44	2.0	44	2.1
	775	49	3.5	49	3.7	49	3.8
	800	49	3.3	49	3.4	49	3.5

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
9001 to 10,000	575	44	2.8	44	2.9	44	3.0
	600	44	2.6	44	2.7	44	2.8
	625	44	2.4	44	2.5	44	2.6
	650	44	2.2	44	2.3	44	2.4
	675	44	2.1	44	2.1	44	2.2
	700	49	3.7	49	3.8	44	2.0
	725	49	3.4	49	3.5	49	3.7
	750	50	3.8	49	3.3	49	3.4
	775	50	3.5	50	3.7	50	3.8

(Tabulated Data Based on 21,000 Btuh per Burner
Derated 4% for each 1000 feet Above Sea Level)

CARRIER and BDP
ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58DFA, 58GFA, 58PAP, 58RAP,
373LAD, 383KAD, 394HAD, 396HAD, GA1AAD, GA2AAD

Downflow, induced-combustion, standing pilot, fixed speed, non-condensing furnaces

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
0 to 2000	850	42	3.6	42	3.8	41	3.5
	875	42	3.4	42	3.6	42	3.7
	900	42	3.2	42	3.4	42	3.5
	925	43	3.7	42	3.2	42	3.3
	950	43	3.6	43	3.7	43	3.8
	975	43	3.4	43	3.5	43	3.6
	1000	43	3.2	43	3.3	43	3.4
	1025	44	3.5	43	3.2	43	3.3
	1050	44	3.3	44	3.4	44	3.6
	1075	45	3.8	44	3.3	44	3.4
	1100	45	3.7	45	3.8	44	3.2

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
2001 to 3000	775	42	3.4	42	3.5	42	3.6
	800	43	3.8	42	3.3	42	3.4
	825	43	3.6	43	3.7	42	3.2
	850	43	3.4	43	3.5	43	3.6
	875	43	3.2	43	3.3	43	3.4
	900	43	3.0	43	3.1	43	3.2
	925	43	2.9	43	3.0	43	3.1
	950	43	2.7	43	2.8	43	2.9
	975	43	2.6	43	2.7	43	2.8
	1000	43	2.5	43	2.5	43	2.6
	1025	43	2.3	43	2.4	43	2.5

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
3001 to 4000	750	43	3.8	42	3.3	42	3.4
	775	43	3.6	43	3.7	43	3.8
	800	43	3.4	43	3.5	43	3.6
	825	43	3.2	43	3.3	43	3.4
	850	43	3.0	43	3.1	43	3.2
	875	43	2.8	43	2.9	43	3.0
	900	43	2.7	43	2.8	43	2.9
	925	43	2.5	43	2.6	43	2.7
	950	43	2.4	43	2.5	43	2.6
	975	43	2.3	43	2.4	43	2.4
	1000	43	2.2	43	2.2	43	2.3

(Tabulated Data Based on 20,000 Btuh High Heat/13,000 Btuh Low Heat per Burner
Derated 4% for each 1000 feet Above Sea Level)

CARRIER and BDP
ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58DFA 58GFA, 58PAP, 58RAP,
373LAD, 383KAD, 394HAD, 396HAD, GA1AAD, GA2AAD

Downflow, induced-combustion, standing pilot, fixed speed, non-condensing furnaces

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
4001 to 5000	725	43	3.6	43	3.7	42	3.2
	750	43	3.4	43	3.5	43	3.6
	775	43	3.2	43	3.3	43	3.4
	800	43	3.0	43	3.1	43	3.2
	825	43	2.8	43	2.9	43	3.0
	850	43	2.6	43	2.7	43	2.8
	875	43	2.5	43	2.6	43	2.6
	900	43	2.3	43	2.4	43	2.5
	925	43	2.2	43	2.3	43	2.4
	950	43	2.1	43	2.2	43	2.2

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
5001 to 6000	700	43	3.4	43	3.5	43	3.6
	725	43	3.1	43	3.2	43	3.4
	750	43	2.9	43	3.0	43	3.1
	775	43	2.7	43	2.8	43	2.9
	800	43	2.6	43	2.7	43	2.8
	825	43	2.4	43	2.5	43	2.6
	850	43	2.3	43	2.4	43	2.4
	875	43	2.2	43	2.2	43	2.3
	900	43	2.0	43	2.1	43	2.2
	925	48	3.6	48	3.8	43	2.1
	950	48	3.4	48	3.6	48	3.7
	975	49	3.8	49	3.4	48	3.5
	1000	49	3.6	49	3.8	48	3.3

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
6001 to 7000	650	43	3.4	43	3.5	43	3.6
	675	43	3.1	43	3.2	43	3.4
	700	43	2.9	43	3.0	43	3.1
	725	43	2.7	43	2.8	43	2.9
	750	43	2.5	43	2.6	43	2.7
	775	43	2.4	43	2.5	43	2.5
	800	43	2.2	43	2.3	43	2.4
	825	43	2.1	43	2.2	43	2.2
	850	48	3.7	43	2.0	43	2.1
	875	48	3.5	48	3.6	48	3.8

(Tabulated Data Based on 20,000 Btuh High Heat/13,000 Btuh Low Heat per Burner
Derated 4% for each 1000 feet Above Sea Level)

CARRIER and BDP ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58DFA 58GFA, 58PAP, 58RAP,
373LAD, 383KAD, 394HAD, 396HAD, GA1AAD, GA2AAD

Downflow, induced-combustion, standing pilot, fixed speed, non-condensing furnaces

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
7001 to 8000	625	43	3.1	43	3.3	43	3.4
	650	43	2.9	43	3.0	43	3.1
	675	43	2.7	43	2.8	43	2.9
	700	43	2.5	43	2.6	43	2.7
	725	43	2.3	43	2.4	43	2.5
	750	43	2.2	43	2.3	43	2.3
	775	43	2.0	43	2.1	43	2.2
	800	48	3.6	48	3.7	43	2.1
	825	48	3.4	48	3.5	48	3.6
	850	49	3.8	48	3.3	48	3.4
8001 to 9000	600	43	2.9	43	3.0	43	3.1
	625	43	2.7	43	2.8	43	2.9
	650	43	2.5	43	2.6	43	2.7
	675	43	2.3	43	2.4	43	2.5
	700	43	2.2	43	2.2	43	2.3
	725	43	2.0	43	2.1	43	2.1
	750	48	3.5	48	3.6	43	2.0
	775	48	3.3	48	3.4	48	3.5
	800	49	3.6	49	3.8	48	3.3
9001 to 10,000	575	43	2.7	43	2.8	43	2.9
	600	43	2.5	43	2.6	43	2.7
	625	43	2.3	43	2.4	43	2.4
	650	43	2.1	43	2.2	43	2.3
	675	48	3.7	43	2.0	43	2.1
	700	48	3.4	48	3.6	48	3.7
	725	49	3.8	48	3.3	48	3.4
	750	49	3.5	49	3.6	49	3.8
	775	49	3.3	49	3.4	49	3.5

(Tabulated Data Based on 20,000 Btuh High Heat/13,000 Btuh Low Heat per Burner
Derated 4% for each 1000 feet Above Sea Level)

CARRIER and BDP
ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58DHC, 58PAV, 58RAV, 58SSC, 58WAV, 58XAV, 58ZAV, 373LAV
376CAV, 383KAV, 393AAV, 396CAC, 480BAV, 481BAV, GB1AAV, GB3AAV

Upflow, induced-combustion, hot surface ignition, fixed speed, non-condensing furnaces

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
0 to 2000	850	42	3.6	42	3.8	41	3.5
	875	42	3.4	42	3.6	42	3.7
	900	42	3.2	42	3.4	42	3.5
	925	43	3.7	42	3.2	42	3.3
	950	43	3.6	43	3.7	43	3.8
	975	43	3.4	43	3.5	43	3.6
	1000	43	3.2	43	3.3	43	3.4
	1025	44	3.5	43	3.2	43	3.3
	1050	44	3.3	44	3.4	44	3.6
	1075	45	3.8	44	3.3	44	3.4
	1100	45	3.7	45	3.8	44	3.2

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
2001 to 3000	775	42	3.4	42	3.5	42	3.6
	800	43	3.8	42	3.3	42	3.4
	825	43	3.6	43	3.7	42	3.2
	850	43	3.4	43	3.5	43	3.6
	875	43	3.2	43	3.3	43	3.4
	900	43	3.0	43	3.1	43	3.2
	925	43	2.9	43	3.0	43	3.1
	950	43	2.7	43	2.8	43	2.9
	975	43	2.6	43	2.7	43	2.8
	1000	43	2.5	43	2.5	43	2.6
	1025	43	2.3	43	2.4	43	2.5

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
3001 to 4000	750	43	3.8	42	3.3	42	3.4
	775	43	3.6	43	3.7	43	3.8
	800	43	3.4	43	3.5	43	3.6
	825	43	3.2	43	3.3	43	3.4
	850	43	3.0	43	3.1	43	3.2
	875	43	2.8	43	2.9	43	3.0
	900	43	2.7	43	2.8	43	2.9
	925	43	2.5	43	2.6	43	2.7
	950	43	2.4	43	2.5	43	2.6
	975	43	2.3	43	2.4	43	2.4
	1000	43	2.2	43	2.2	43	2.3

(Tabulated Data Based on 20,000 Btuh High Heat/13,000 Btuh Low Heat per Burner
Derated 4% for each 1000 feet Above Sea Level)

CARRIER and BDP
ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58DHC, 58PAV, 58RAV, 58SSC, 58WAV, 58XAV, 58ZAV, 373LAV
376CAV, 383KAV, 393AAV, 396CAC, 480BAV, 481BAV, GB1AAV, GB3AAV

Upflow, induced-combustion, hot surface ignition, fixed speed, non-condensing furnaces

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
4001 to 5000	725	43	3.6	43	3.7	42	3.2
	750	43	3.4	43	3.5	43	3.6
	775	43	3.2	43	3.3	43	3.4
	800	43	3.0	43	3.1	43	3.2
	825	43	2.8	43	2.9	43	3.0
	850	43	2.6	43	2.7	43	2.8
	875	43	2.5	43	2.6	43	2.6
	900	43	2.3	43	2.4	43	2.5
	925	43	2.2	43	2.3	43	2.4
	950	43	2.1	43	2.2	43	2.2

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
5001 to 6000	700	43	3.4	43	3.5	43	3.6
	725	43	3.1	43	3.2	43	3.4
	750	43	2.9	43	3.0	43	3.1
	775	43	2.7	43	2.8	43	2.9
	800	43	2.6	43	2.7	43	2.8
	825	43	2.4	43	2.5	43	2.6
	850	43	2.3	43	2.4	43	2.4
	875	43	2.2	43	2.2	43	2.3
	900	43	2.0	43	2.1	43	2.2
	925	48	3.6	48	3.8	43	2.1
	950	48	3.4	48	3.6	48	3.7
	975	49	3.8	48	3.4	48	3.5
	1000	49	3.6	49	3.8	48	3.3

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
6001 to 7000	650	43	3.4	43	3.5	43	3.6
	675	43	3.1	43	3.2	43	3.4
	700	43	2.9	43	3.0	43	3.1
	725	43	2.7	43	2.8	43	2.9
	750	43	2.5	43	2.6	43	2.7
	775	43	2.4	43	2.5	43	2.5
	800	43	2.2	43	2.3	43	2.4
	825	43	2.1	43	2.2	43	2.2
	850	48	3.7	43	2.0	43	2.1
	875	48	3.5	48	3.6	48	3.8

(Tabulated Data Based on 20,000 Btu High Heat/13,000 Btu Low Heat per Burner
Derated 4% for each 1000 feet Above Sea Level)

CARRIER and BDP
ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58DHC, 58PAV, 58RAV, 58SSC, 58WAV, 58XAV, 58ZAV, 373LAV
376CAV, 383KAV, 393AAV, 396CAC, 480BAV, 481BAV, GB1AAV, GB3AAV

Upflow, induced-combustion, hot surface ignition, fixed speed, non-condensing furnaces

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT.)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
7001	625	43	3.1	43	3.3	43	3.4
	650	43	2.9	43	3.0	43	3.1
	675	43	2.7	43	2.8	43	2.9
	700	43	2.5	43	2.6	43	2.7
to	725	43	2.3	43	2.4	43	2.5
	750	43	2.2	43	2.3	43	2.3
	775	43	2.0	43	2.1	43	2.2
	800	48	3.6	48	3.7	43	2.1
8000	825	48	3.4	48	3.5	48	3.6
	850	49	3.8	48	3.3	48	3.4

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT.)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
8001	600	43	2.9	43	3.0	43	3.1
	625	43	2.7	43	2.8	43	2.9
	650	43	2.5	43	2.6	43	2.7
	675	43	2.3	43	2.4	43	2.5
to	700	43	2.2	43	2.2	43	2.3
	725	43	2.0	43	2.1	43	2.1
	750	48	3.5	48	3.6	43	2.0
	775	48	3.3	48	3.4	48	3.5
9000	800	49	3.6	49	3.8	48	3.3

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT.)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
9001	575	43	2.7	43	2.8	43	2.9
	600	43	2.5	43	2.6	43	2.7
	625	43	2.3	43	2.4	43	2.4
	650	43	2.1	43	2.2	43	2.3
to	675	48	3.7	43	2.0	43	2.1
	700	48	3.4	48	3.6	48	3.7
	725	49	3.8	48	3.3	48	3.4
	750	49	3.5	49	3.6	49	3.8
10,000	775	49	3.3	49	3.4	49	3.5

(Tabulated Data Based on 20,000 Btuh High Heat/13,000 Btuh Low Heat per Burner
Derated 4% for each 1000 feet Above Sea Level)

CARRIER and BDP ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58DHC, 58PAV, 58RAV, 58SSC, 58WAV, 58YAV, 58ZAV, 373LAV
376CAV, 383KAV, 393AAV, 395CAV, 480BAV, 481BAV, GB1AAV, GB3AAV

Downflow/Horizontal, induced-combustion, hot surface ignition, fixed speed, non-condensing furnaces

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
0 to 2000	850	41	3.6	41	3.7	41	3.8
	875	42	3.8	41	3.5	41	3.6
	900	42	3.5	42	3.7	42	3.8
	925	42	3.4	42	3.5	42	3.6
	950	42	3.2	42	3.3	42	3.4
	975	43	3.7	43	3.8	42	3.2
	1000	43	3.5	43	3.6	43	3.7
	1025	43	3.3	43	3.4	43	3.6
	1050	43	3.2	43	3.3	43	3.4
	1075	44	3.5	44	3.6	43	3.2
	1100	44	3.3	44	3.4	44	3.5

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
2001 to 3000	775	42	3.7	42	3.8	41	3.5
	800	42	3.4	42	3.6	42	3.7
	825	42	3.2	42	3.3	42	3.5
	850	43	3.7	43	3.8	42	3.3
	875	43	3.5	43	3.6	42	3.7
	900	43	3.3	43	3.4	42	3.5
	925	43	3.1	43	3.2	43	3.4
	950	43	3.0	43	3.1	43	3.2
	975	43	2.8	43	2.9	43	3.0
	1000	43	2.7	43	2.8	43	2.9
	1025	43	2.6	43	2.6	43	2.7

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
3001 to 4000	750	42	3.4	42	3.6	42	3.7
	775	42	3.2	42	3.3	42	3.5
	800	43	3.7	43	3.8	42	3.2
	825	43	3.5	43	3.6	43	3.7
	850	43	3.3	43	3.4	43	3.5
	875	43	3.1	43	3.2	43	3.3
	900	43	2.9	43	3.0	43	3.1
	925	43	2.8	43	2.9	43	3.0
	950	43	2.6	43	2.7	43	2.8
	975	43	2.5	43	2.6	43	2.7
	1000	43	2.4	43	2.4	43	2.5

(Tabulated Data Based on 23,000 Btu/h per Burner - Derated 4% for each 1000 feet Above Sea Level)

CARRIER and BDP
ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58DHC, 58PAV, 58RAV, 58SSC, 58WAV, 58YAV, 58ZAV, 373LAV
376CAV, 383KAV, 393AAV, 395CAV, 480BAV, 481BAV, GB1AAV, GB3AAV

Downflow/Horizontal, induced-combustion, hot surface ignition, fixed speed, non-condensing furnaces

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU.FT.)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
4001 to 5000	725	42	3.2	42	3.3	42	3.5
	750	43	3.7	43	3.8	42	3.2
	775	43	3.4	43	3.6	43	3.7
	800	43	3.2	43	3.3	43	3.5
	825	43	3.0	43	3.1	43	3.2
	850	43	2.9	43	3.0	43	3.1
	875	43	2.7	43	2.8	43	2.9
	900	43	2.6	43	2.6	43	2.7
	925	43	2.4	43	2.5	43	2.6
	950	43	2.3	43	2.4	43	2.5

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU.FT.)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
5001 to 6000	700	43	3.7	43	3.8	42	3.2
	725	43	3.4	43	3.6	43	3.7
	750	43	3.2	43	3.3	43	3.4
	775	43	3.0	43	3.1	43	3.2
	800	43	2.8	43	2.9	43	3.0
	825	43	2.7	43	2.7	43	2.8
	850	43	2.5	43	2.6	43	2.7
	875	43	2.4	43	2.4	43	2.5
	900	43	2.2	43	2.3	43	2.4
	925	43	2.1	43	2.2	43	2.3
	950	48	3.8	43	2.1	43	2.1
	975	48	3.6	48	3.7	43	2.0
	1000	48	3.4	48	3.5	48	3.6

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU.FT.)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
6001 to 7000	650	43	3.7	43	3.8	42	3.2
	675	43	3.4	43	3.5	43	3.7
	700	43	3.2	43	3.3	43	3.4
	725	43	3.0	43	3.1	43	3.2
	750	43	2.8	43	2.9	43	3.0
	775	43	2.6	43	2.7	43	2.8
	800	43	2.4	43	2.5	43	2.6
	825	43	2.3	43	2.4	43	2.5
	850	43	2.2	43	2.2	43	2.3
	875	43	2.0	43	2.1	43	2.2

(Tabulated Data Based on 23,000 Btuh per Burner - Derated 4% for each 1000 feet Above Sea Level)

CARRIER and BDP
ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58DHC, 58PAV, 58RAV, 58SSC, 58WAV, 58YAV, 58ZAV, 373LAV
376CAV, 383KAV, 393AAV, 395CAV, 480BAV, 481BAV, GB1AAV, GB3AAV

Downflow/Horizontal, induced-combustion, hot surface ignition, fixed speed, non-condensing furnaces

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE	ORIFICE NUMBER	MANIFOLD PRESSURE
7001 to 8000	625	43	3.4	43	3.6	43	3.7
	650	43	3.2	43	3.3	43	3.4
	675	43	3.0	43	3.1	43	3.2
	700	43	2.7	43	2.8	43	2.9
	725	43	2.6	43	2.6	43	2.7
	750	43	2.4	43	2.5	43	2.6
	775	43	2.2	43	2.3	43	2.4
	800	43	2.1	43	2.2	43	2.2
	825	48	3.7	43	2.0	43	2.1
	850	48	3.5	48	3.6	48	3.7
8001 to 9000	600	43	3.2	43	3.3	43	3.4
	625	43	3.0	43	3.1	43	3.2
	650	43	2.7	43	2.8	43	2.9
	675	43	2.5	43	2.6	43	2.7
	700	43	2.4	43	2.4	43	2.5
	725	43	2.2	43	2.3	43	2.3
	750	43	2.0	43	2.1	43	2.2
	775	48	3.6	48	3.7	43	2.1
	800	48	3.4	48	3.5	48	3.6
9001 to 10,000	575	43	3.0	43	3.1	43	3.2
	600	43	2.7	43	2.8	43	2.9
	625	43	2.5	43	2.6	43	2.7
	650	43	2.3	43	2.4	43	2.5
	675	43	2.1	43	2.2	43	2.3
	700	48	3.8	43	2.1	43	2.1
	725	48	3.5	48	3.6	48	3.7
	750	49	3.8	48	3.4	48	3.5
	775	49	3.6	49	3.7	49	3.8

(Tabulated Data Based on 23,000 Btuh per Burner - Derated 4% for each 1000 feet Above Sea Level)

CARRIER and BDP
ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58DXT, 58TMA, 58TUA, 58UHV, 58UXT, 58UXV
330AAV, 330JAV, 331AAV, 331JAV, 333BAV, 333JAV

Upflow and upflow/horizontal, induced-combustion, hot surface ignition, 2-speed and variable-speed non-condensing furnace

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
0 to 2000	850	43	3.7/1.5	43	3.8/1.6	42	3.2/1.4
	875	43	3.5/1.5	43	3.6/1.5	43	3.7/1.6
	900	44	3.7/1.6	43	3.4/1.4	43	3.5/1.5
	925	44	3.5/1.5	44	3.7/1.6	44	3.8/1.6
	950	44	3.4/1.4	44	3.5/1.5	44	3.6/1.5
	975	44	3.2/1.3	44	3.3/1.4	44	3.4/1.4
	1000	45	3.7/1.6	45	3.8/1.6	44	3.2/1.4
	1025	45	3.5/1.5	45	3.6/1.5	45	3.7/1.6
	1050	45	3.3/1.4	45	3.4/1.5	45	3.6/1.5
	1075	45	3.2/1.3	45	3.3/1.4	45	3.4/1.4
	1100	47	3.6/1.5	47	3.7/1.6	45	3.2/1.4
2001 to 3000	775	43	3.4/1.4	43	3.5/1.5	43	3.6/1.5
	800	44	3.6/1.5	44	3.8/1.6	43	3.4/1.4
	825	44	3.4/1.4	44	3.5/1.5	44	3.7/1.5
	850	44	3.2/1.4	44	3.3/1.4	44	3.4/1.5
	875	45	3.7/1.6	45	3.8/1.6	44	3.2/1.4
	900	45	3.5/1.5	45	3.6/1.5	45	3.7/1.6
	925	45	3.3/1.4	45	3.4/1.4	45	3.5/1.5
	950	47	3.7/1.6	45	3.2/1.4	45	3.3/1.4
	975	47	3.5/1.5	47	3.6/1.5	45	3.2/1.3
	1000	48	3.8/1.6	47	3.5/1.5	47	3.6/1.5
	1025	48	3.6/1.5	48	3.8/1.6	47	3.4/1.4
3001 to 4000	750	44	3.6/1.5	44	3.8/1.6	43	3.4/1.4
	775	44	3.4/1.4	44	3.5/1.5	44	3.6/1.5
	800	44	3.2/1.4	44	3.3/1.4	44	3.4/1.4
	825	45	3.6/1.5	45	3.8/1.6	44	3.2/1.4
	850	45	3.4/1.4	45	3.5/1.5	45	3.7/1.5
	875	45	3.2/1.4	45	3.3/1.4	45	3.5/1.5
	900	47	3.6/1.5	45	3.2/1.3	45	3.3/1.4
	925	47	3.4/1.5	47	3.6/1.5	47	3.7/1.6
	950	48	3.7/1.6	48	3.8/1.6	47	3.5/1.5
	975	48	3.5/1.5	48	3.7/1.5	48	3.8/1.6
	1000	48	3.4/1.4	48	3.5/1.5	48	3.6/1.5

(Tabulated Data Based on 20,000 Btuh High Heat/13,000 Btuh Low Heat per Burner
Derated 4% for each 1000 feet Above Sea Level)

CARRIER and BDP ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58DXT, 58TMA, 58TUA, 58UHV, 58UXT, 58UXV
330AAV, 330JAV, 331AAV, 331JAV, 333BAV, 333JAV

Upflow and upflow/horizontal, induced-combustion, hot surface ignition, 2-speed and variable-speed non-condensing furnace

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
4001 to 5000	725	44	3.4/1.4	44	3.5/1.5	44	3.6/1.5
	750	44	3.2/1.3	44	3.3/1.4	44	3.4/1.4
	775	45	3.6/1.5	45	3.7/1.6	44	3.2/1.3
	800	45	3.4/1.4	45	3.5/1.5	45	3.6/1.5
	825	45	3.2/1.3	45	3.3/1.4	45	3.4/1.4
	850	47	3.6/1.5	47	3.7/1.6	45	3.2/1.4
	875	48	3.8/1.6	47	3.5/1.5	47	3.6/1.5
	900	48	3.6/1.5	48	3.8/1.6	47	3.4/1.4
	925	48	3.4/1.5	48	3.6/1.5	48	3.7/1.6
	950	49	3.8/1.6	48	3.4/1.4	48	3.5/1.5
ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
5001 to 6000	700	44	3.2/1.3	44	3.3/1.4	44	3.4/1.4
	725	45	3.6/1.5	45	3.7/1.6	45	3.8/1.6
	750	45	3.4/1.4	45	3.5/1.5	45	3.6/1.5
	775	45	3.2/1.3	45	3.3/1.4	45	3.4/1.4
	800	47	3.5/1.5	47	3.6/1.5	45	3.2/1.3
	825	48	3.8/1.6	47	3.4/1.4	47	3.5/1.5
	850	48	3.6/1.5	48	3.7/1.6	48	3.8/1.6
	875	48	3.4/1.4	48	3.5/1.5	48	3.6/1.5
	900	49	3.7/1.6	49	3.8/1.6	48	3.4/1.4
	925	49	3.5/1.5	49	3.6/1.5	49	3.8/1.6
	950	49	3.3/1.4	49	3.5/1.5	49	3.6/1.5
	975	50	3.7/1.6	49	3.3/1.4	49	3.4/1.4
	1000	50	3.6/1.5	50	3.7/1.6	50	3.8/1.6
ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
6001 to 7000	650	44	3.2/1.4	44	3.3/1.4	44	3.4/1.4
	675	45	3.6/1.5	45	3.7/1.6	45	3.8/1.5
	700	45	3.3/1.4	45	3.5/1.5	45	3.6/1.5
	725	47	3.7/1.6	45	3.2/1.4	45	3.3/1.4
	750	47	3.5/1.5	47	3.6/1.5	47	3.7/1.6
	775	48	3.7/1.6	48	3.8/1.6	47	3.5/1.5
	800	48	3.5/1.5	48	3.6/1.5	48	3.7/1.6
	825	49	3.8/1.6	48	3.4/1.4	48	3.5/1.5
	850	49	3.6/1.5	49	3.7/1.6	48	3.3/1.4
	875	49	3.4/1.4	49	3.5/1.5	49	3.6/1.5

(Tabulated Data Based on 20,000 Btuh High Heat/13,000 Btuh Low Heat per Burner
Derated 4% for each 1000 feet Above Sea Level)

CARRIER and BDP
ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58DXT, 58TMA, 58TUA, 58UHV, 58UXT, 58UXV
330AAV, 330JAV, 331AAV, 331JAV, 333BAV, 333JAV

Upflow and upflow/horizontal, induced-combustion, hot surface ignition, 2-speed and variable-speed non-condensing furnace

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
7001 to 8000	625	45	3.6/1.5	45	3.7/1.6	44	3.2/1.3
	650	45	3.3/1.4	45	3.5/1.5	45	3.6/1.5
	675	47	3.7/1.6	45	3.2/1.4	45	3.3/1.4
	700	47	3.4/1.4	47	3.5/1.5	47	3.7/1.5
	725	48	3.6/1.5	48	3.8/1.6	47	3.4/1.4
	750	48	3.4/1.4	48	3.5/1.5	48	3.6/1.5
	775	49	3.7/1.6	48	3.3/1.4	48	3.4/1.4
	800	49	3.5/1.5	49	3.6/1.5	49	3.8/1.6
	825	49	3.3/1.4	49	3.4/1.4	49	3.5/1.5
	850	50	3.7/1.6	50	3.8/1.6	49	3.3/1.4

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
8001 to 9000	600	45	3.4/1.4	45	3.5/1.5	45	3.6/1.5
	625	47	3.7/1.6	45	3.2/1.4	45	3.3/1.4
	650	47	3.4/1.4	47	3.5/1.5	47	3.6/1.5
	675	48	3.6/1.5	48	3.7/1.6	48	3.8/1.6
	700	48	3.3/1.4	48	3.5/1.5	48	3.6/1.5
	725	49	3.7/1.5	49	3.8/1.6	48	3.3/1.4
	750	49	3.4/1.4	49	3.5/1.5	49	3.7/1.5
	775	50	3.8/1.6	49	3.3/1.4	49	3.4/1.4
	800	50	3.6/1.5	50	3.7/1.6	50	3.8/1.6

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
9001 to 10,000	575	47	3.7/1.6	45	3.2/1.4	45	3.3/1.4
	600	47	3.4/1.4	47	3.5/1.5	47	3.6/1.5
	652	48	3.6/1.5	48	3.7/1.6	48	3.8/1.6
	650	48	3.3/1.4	48	3.4/1.4	48	3.5/1.5
	675	49	3.6/1.5	49	3.7/1.6	49	3.8/1.6
	700	49	3.3/1.4	49	3.4/1.5	49	3.6/1.5
	725	50	3.7/1.6	50	3.8/1.6	49	3.3/1.4
	750	50	3.4/1.5	50	3.6/1.5	50	3.7/1.6
	775	51	3.8/1.6	50	3.3/1.4	50	3.4/1.5

(Tabulated Data Based on 20,000 Btuh High Heat/13,000 Btuh Low Heat per Burner
Derated 4% for each 1000 feet Above Sea Level)

CARRIER and BDP ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58DXT, 58TMA, 58TUA, 58UHV, 58UXT, 58UXV,
330AAV, 330JAV, 331AAV, 331JAV, 333BAV, 333JAV

Downflow and downflow/horizontal, induced-combustion, hot surface ignition, 2-speed and variable-speed non-condensing furnace

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
0 to 2000	850	42	3.3/1.4	42	3.4/1.4	42	3.5/1.5
	875	43	3.8/1.6	42	3.2/1.3	42	3.3/1.4
	900	43	3.6/1.5	43	3.7/1.5	42	3.2/1.3
	925	43	3.4/1.4	43	3.5/1.5	43	3.6/1.5
	950	44	3.7/1.5	44	3.8/1.6	43	3.5/1.4
	975	44	3.5/1.5	44	3.6/1.5	44	3.8/1.6
	1000	44	3.3/1.4	44	3.5/1.4	44	3.6/1.5
	1025	44	3.2/1.3	44	3.3/1.4	44	3.4/1.4
	1050	45	3.7/1.5	45	3.8/1.6	44	3.2/1.3
	1075	46	3.7/1.5	46	3.8/1.6	45	3.7/1.5
	1100	46	3.5/1.5	46	3.6/1.5	46	3.8/1.6
ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
2001 to 3000	775	43	3.7/1.5	42	3.2/1.3	42	3.3/1.4
	800	43	3.5/1.4	43	3.6/1.5	43	3.7/1.5
	825	44	3.8/1.6	43	3.4/1.4	43	3.5/1.5
	850	44	3.6/1.5	44	3.7/1.5	44	3.8/1.6
	875	44	3.4/1.4	44	3.5/1.4	44	3.6/1.5
	900	44	3.2/1.3	44	3.3/1.4	44	3.4/1.4
	925	46	3.8/1.6	45	3.8/1.6	45	3.2/1.3
	950	46	3.6/1.5	46	3.7/1.5	45	3.7/1.5
	975	46	3.4/1.4	46	3.5/1.5	46	3.7/1.5
	1000	47	3.7/1.5	47	3.8/1.6	46	3.5/1.4
	1025	47	3.5/1.5	47	3.6/1.5	47	3.8/1.6
ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
3001 to 4000	750	43	3.5/1.4	43	3.6/1.5	43	3.7/1.5
	775	44	3.8/1.6	43	3.4/1.4	43	3.5/1.4
	800	44	3.5/1.5	44	3.7/1.5	44	3.8/1.6
	825	44	3.3/1.4	44	3.4/1.4	44	3.5/1.5
	850	45	3.8/1.6	44	3.2/1.3	44	3.3/1.4
	875	46	3.7/1.5	45	3.7/1.5	44	3.2/1.3
	900	46	3.5/1.5	46	3.7/1.5	46	3.8/1.6
	925	47	3.8/1.6	46	3.5/1.4	46	3.6/1.5
	950	47	3.6/1.5	47	3.7/1.5	46	3.4/1.4
	975	47	3.4/1.4	47	3.5/1.5	47	3.7/1.5
	1000	48	3.7/1.5	48	3.8/1.6	47	3.5/1.4

(Tabulated Data Based on 21,000 Btu High Heat/13,500 Btu Low Heat per Burner
Derated 4% for each 1000 feet Above Sea Level)

CARRIER and BDP
ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58DXT, 58TMA, 58TUA, 58UHV, 58UXT, 58UXV,
330AAV, 330JAV, 331AAV, 331JAV, 333BAV, 333JAV

Downflow and downflow/horizontal, induced-combustion, hot surface ignition, 2-speed and variable-speed non-condensing furnace

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
4001 to 5000	725	44	3.8/1.6	43	3.4/1.4	43	3.5/1.4
	750	44	3.5/1.5	44	3.6/1.5	44	3.8/1.6
	775	44	3.3/1.4	44	3.4/1.4	44	3.5/1.5
	800	45	3.7/1.5	44	3.2/1.3	44	3.3/1.4
	825	46	3.7/1.5	46	3.8/1.6	45	3.8/1.6
	850	46	3.5/1.4	46	3.6/1.5	46	3.7/1.5
	875	47	3.7/1.5	46	3.4/1.4	46	3.5/1.5
	900	47	3.5/1.5	47	3.6/1.5	47	3.8/1.6
	925	48	3.8/1.6	47	3.4/1.4	47	3.6/1.5
	950	48	3.6/1.5	48	3.7/1.5	48	3.8/1.6
ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
5001 to 6000	700	44	3.5/1.5	44	3.6/1.5	44	3.8/1.6
	725	44	3.3/1.4	44	3.4/1.4	44	3.5/1.4
	750	45	3.7/1.5	44	3.2/1.3	44	3.3/1.4
	775	46	3.6/1.5	46	3.8/1.6	45	3.7/1.5
	800	46	3.4/1.4	46	3.5/1.5	46	3.7/1.5
	825	47	3.7/1.5	47	3.8/1.6	46	3.4/1.4
	850	47	3.4/1.4	47	3.6/1.5	47	3.7/1.5
	875	48	3.7/1.5	48	3.8/1.6	47	3.5/1.4
	900	48	3.5/1.4	48	3.6/1.5	48	3.7/1.5
	925	48	3.3/1.4	48	3.4/1.4	48	3.5/1.5
	950	49	3.7/1.5	49	3.8/1.6	48	3.3/1.4
	975	49	3.5/1.4	49	3.6/1.5	49	3.7/1.5
	1000	49	3.3/1.4	49	3.4/1.4	49	3.6/1.5
ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
6001 to 7000	650	44	3.5/1.5	44	3.7/1.5	44	3.8/1.6
	675	44	3.3/1.4	44	3.4/1.4	44	3.5/1.4
	700	45	3.7/1.5	44	3.2/1.3	44	3.3/1.3
	725	46	3.6/1.5	46	3.7/1.5	45	3.7/1.5
	750	47	3.8/1.6	46	3.5/1.4	46	3.6/1.5
	775	47	3.6/1.5	47	3.7/1.5	47	3.8/1.6
	800	48	3.8/1.6	47	3.5/1.4	47	3.6/1.5
	825	48	3.6/1.5	48	3.7/1.5	48	3.8/1.6
	850	48	3.4/1.4	48	3.5/1.4	48	3.6/1.5
	875	49	3.8/1.6	48	3.3/1.4	48	3.4/1.4

(Tabulated Data Based on 21,000 Btuh High Heat/13,500 Btuh Low Heat per Burner
Derated 4% for each 1000 feet Above Sea Level)

CARRIER and BDP ORIFICE SIZE and MANIFOLD PRESSURE CHARTS

6/98

MODELS 58DXT, 58TMA, 58TUA, 58UHV, 58UXT, 58UXV,
330AAV, 330JAV, 331AAV, 331JAV, 333BAV, 333JAV

Downflow and downflow/horizontal, induced-combustion, hot surface ignition, 2-speed and variable-speed non-condensing furnace

ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
7001 to 8000	625	44	3.3/1.4	44	3.4/1.4	44	3.5/1.5
	650	45	3.7/1.5	45	3.8/1.6	44	3.3/1.3
	675	46	3.6/1.5	46	3.7/1.5	46	3.8/1.6
	700	47	3.8/1.6	46	3.4/1.4	46	3.6/1.5
	725	47	3.5/1.5	47	3.6/1.5	47	3.8/1.6
	750	48	3.7/1.5	47	3.4/1.4	47	3.5/1.5
	775	48	3.5/1.5	48	3.6/1.5	48	3.8/1.6
	800	48	3.3/1.4	48	3.4/1.4	48	3.5/1.5
	825	49	3.6/1.5	49	3.8/1.6	48	3.3/1.4
	850	49	3.4/1.4	49	3.5/1.5	49	3.7/1.5
ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
8001 to 9000	600	45	3.7/1.5	44	3.2/1.3	44	3.3/1.4
	625	46	3.6/1.5	46	3.7/1.5	46	3.8/1.6
	650	47	3.8/1.6	46	3.4/1.4	46	3.5/1.5
	675	47	3.5/1.4	47	3.6/1.5	47	3.7/1.5
	700	48	3.7/1.5	48	3.8/1.6	47	3.5/1.4
	725	48	3.4/1.4	48	3.6/1.5	48	3.7/1.5
	750	49	3.8/1.6	48	3.3/1.4	48	3.4/1.4
	775	49	3.5/1.5	49	3.7/1.5	49	3.8/1.6
	800	49	3.3/1.4	49	3.4/1.4	49	3.5/1.5
ALTITUDE RANGE (FT.)	AVG GAS HEAT VALUE AT ALTITUDE (BTU/CU FT)	0.56 - 0.58		0.60		0.62	
		ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW	ORIFICE NUMBER	MANIFOLD PRESSURE HIGH/LOW
9001 to 10000	575	46	3.6/1.5	46	3.7/1.5	46	3.8/1.6
	600	47	3.7/1.5	46	3.4/1.4	46	3.5/1.5
	625	47	3.4/1.4	47	3.6/1.5	47	3.7/1.5
	650	48	3.6/1.5	48	3.8/1.6	47	3.4/1.4
	675	48	3.4/1.4	48	3.5/1.4	48	3.6/1.5
	700	49	3.7/1.5	49	3.8/1.6	48	3.3/1.4
	725	49	3.4/1.4	49	3.5/1.5	49	3.7/1.5
	750	50	3.8/1.5	49	3.3/1.4	49	3.4/1.4
	775	50	3.5/1.5	50	3.7/1.5	50	3.8/1.6

(Tabulated Data Based on 21,000 Btuh High Heat/13,500 Btuh Low Heat per Burner
Derated 4% for each 1000 feet Above Sea Level)