

APPENDIX



HEATING TIP OXYGEN TO FUEL CONSUMPTION RATIO

Style No.	Tip Size No.	No. of Holes	Drill Size No.	1.1-to 1 Acetylene		4-to-1 Propylene		4-to-1 Propane		2-to-1 Natural Gas	
				SCFH	BTU	SCFH	BTU	SCFH	BTU	SCFH	BTU
759	5	7	71	30	44,000	15	35,500	10	24,660	10	10,460
759	7	7	67	50	74,000	25	59,200	15	37,000	15	15,700
759	8	7	63	70	104,000	35	82,900	25	63,000	30	31,400
759	9	7	56	110	163,000	55	130,400	40	100,000	60	63,000
759	10	7	55	140	207,000	70	166,000	50	123,000	80	83,700
756	12	12	56	175	260,000	100	237,100	70	175,000	140	146,000
757	12	12	56	175	260,000	100	237,100	70	175,000	140	146,000
756	13	12	54	230	340,000	150	355,600	110	276,000	210	220,000
757	14	19	55	275	400,000	200	474,200	150	376,000	280	293,000
757	16	27	54	Sizes 16, 17 and 18 are too large for use with acetylene.		300	711,300	250	630,000	475	496,000
757	17	27	53	Sizes 16, 17 and 18 are too large for use with acetylene.		370	877,270	300	750,000	575	600,000
757	18	27	1/16	Sizes 16, 17 and 18 are too large for use with acetylene.		550	1,304,000	350	880,000	675	700,000
FLAME TEMP WITH OXYGEN				5589°F		5193°F		4579°F		4600°F	
BTU/CU. FT.				1480		2371		2466		1046	

FLOW CURVES

1400 SERIES

