

K-43

MODEL

1YR
WARRANTY

ALTERNATE FUELS* HEATING TORCH ASSEMBLY

MODEL SHOWN:
K-43

DESCRIPTION

The Model K-43 Heating Torch Assemblies features the heavy duty 42-3 heating handle, 2393 SS tip tube and the high-flow E3-43 (F-43) mixer. It is designed to use the Harris 2290-H and HPM high-performance multi-flame heating tips. Ideal for use with RBA and RBP flame cleaning heads. Tips ordered separately P.133

DETAILS

Capacity: 1,025,000 BTU**Mixer Type:** "E" or positive pressure**Duty:** Heavy**Lengths:** 20"- 46"**Where Used:** Shipbuilding, fabrication, etc.**Related Items:** Model 2290-H or HPM tips**Fuel gas pressure requirements:** Minimum 10 PSIG **

** For fuel gas pressures of 10 PSIG or less order B-43-N mixer (P/N 9100306) Model 43-2 Handle (P/N 1401150) and select 2393 Tip Tube + Tip below. Limited to Tip sizes 2290 1-3H or HPM



PART NO.	MODEL NO.	HANDLE	MIXER	TIP TUBE	HEATING TIP RECOMMENDATIONS **
1801350	K-43-1	43-2	E3-43	2393-1F 36" / 914.4mm	2290-H or HPM Size 1-5
1801360	K-43-2	43-2	E3-43	2393-2F 28" / 711.2mm	2290-H or HPM Size 1-5
1801370	K-43-3	43-2	E3-43	2393-3F 16" / 406.4mm	2290-H or HPM Size 1-5
1801380	K-43-4	43-2	E3-43	2393-4F 10" / 254.0mm	2290-H or HPM Size 1-5

*Propylene or propane-based fuels or natural gas

**B-43-N mixer is limited to sizes 1 thru 3 2290-H or HPM tip.

NOTE: Assembly does NOT include heating tip.

2290-H and HPM PERFORMANCE DATA

2290-H ID HPM	OXYGEN PSIG	OXYGEN SCFH	FUEL GAS PSIG	FUEL GAS SCFH	PROPANE	PROPYLENE	MAPP®	NATURAL GAS
	CLASSIC E-3-43/(F43) MIXER				BTU/HR. RATING			
Tip Size NO.1	10 25	160 320	4 12	40 80	103,000 205,000	95,000 190,000	96,000 192,000	65,000 130,000
Tip Size NO.2	15 45	220 520	7 22	55 130	141,000 333,000	130,000 308,000	132,000 312,000	90,000 212,000
Tip Size NO.3	25 70	340 920	8 25	85 230	218,000 590,000	201,000 545,000	204,000 552,000	139,000 375,000
Tip Size NO.4	50 110	640 1,300	10 30	160 325	410,000 833,000	379,000 770,000	384,000 780,000	216,000 530,000
Tip Size NO.5	60 135	720 1,600	14 40	180 400	461,000 1,025,000	427,000 950,000	432,000 960,000	293,000 652,000

NOTES: 1. For maximum flow and BTU output use 3/4" hose.

2. On continuous duty, withdrawal manifolding of cylinders may be required.

3. For additional heating tip information see pages 133-135

COUPLINGS & ADAPTORS

	1/2" - 25		1/2" - 25		1/2" - 25		1/2" - 25		1/4" - NPT
2357-3		2543-3		2327		2357		2357	
P/N: 9000738		P/N: 8800584		P/N: 9000720		P/N: 9000734		P/N: 8800985	

Multiple arrangements of 2290-H Heating Tips can be assembled using Harris coupling 2327, nipple 2357 and standard 1/4" pipe fittings when wider bands of heat are necessary. Capacity of K-43 heating torch is 5 NO.1-H tips. Use coupling 2543-3 to couple 2393 Tip Tubes for extended reach. For extended tube and tip life, use adaptor 2357-3.

2393 HEATING TIP TUBES

PART NO.	MODEL NO.	LENGTH
1800200	2393-1F	36" Curved
1800210	2393-2F	28" Curved
1800220	2393-3F	16" Curved
1800230	2393-4F	10 1/2" Curved
1800241	2393-F	60" Curved
1800240	2393-5F	36" Straight
1800211	2393-2F	28" Straight
1800221	2393-3F	16" Straight
1800231	2393-4F	10 1/2" Straight
1800206	2393-6F	48" Straight

1/2"-25(M) X 1/2"-25(M)

