

ROBERTS GORDON® ENERGYTUBE™

The Harsh Environment Heater



MODEL
ETX

The Perfect Solution for Extreme Conditions

- Approved for indoor and outdoor use
- Sealed burner box enclosure with separate compartment for combustion air provides long lasting performance in high moisture environments
- Design flexibility achieved with straight, U-tube, or L configurations and a broad range of burner sizes and tube lengths
- External LED burner status indicator
- On board diagnostic capabilities
- 24vac thermostat connection



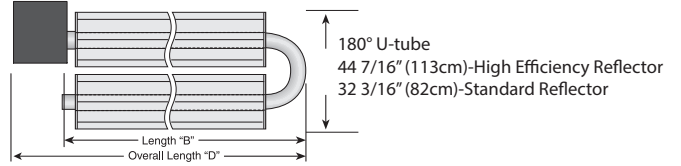
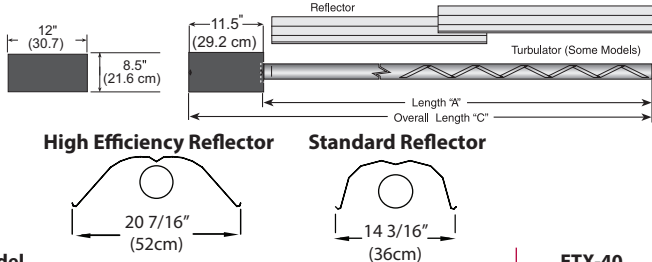
800.828.7450
www.robertsgordon.com

THE INDUSTRY LEADER
RADIANT
EFFICIENCY™

Burner End View

Side View

Top View



		ENERGYTUBE™ ETX						
Model		ETX-40	ETX-60	ETX-80	ETX-100	ETX-125	ETX-150	ETX-175
Length of Straight Tube	[ft, in] A	10	20	20	30	40	50	60
Length of U-tube	[ft, in] B	N/A	11, 7	11, 7	16, 7	21, 7	26, 7	31, 7
Overall Minimum Length of Straight Tube	[ft, in] C	11, 5.5	21, 5.5	21, 5.5	31, 5.5	41, 5.5	51, 5.5	61, 5.5
Overall Minimum Length of U-tube	[ft, in] D	N/A	13, 0.5	13, 0.5	18, 0.5	23, 0.5	28, 0.5	33, 0.5
Input (Btu/h) x (1000)		40	60	80	100	125	150	175
Inlet Pressure	[in wc] NG min.	4.6	4.6	4.6	4.6	4.6	4.6	5
	LP min.	11	11	11	11	11	11	11
	NG & LP Propane max.	14	14	14	14	14	14	14
Gas Connection	NPT	¾"	¾"	¾"	¾"	¾"	¾"	¾"
Exhaust Flue	dia	4"	4"	4"	4"	4"	4"	4"
Combustion Air Inlet	dia	4"	4"	4"	4"	4"	4"	4"
Weights								
Vent Cap Package Included	[lb]	4						
Aluminized Tube and Accessory Packages	[ft]	10	20	30	40	50	60	
High Efficiency Aluminum Reflector	[lb]	54	89	124	167	213	248	
Standard Aluminum Reflector	[lb]	52	86	120	161	206	240	
High Efficiency Stainless Steel Reflector	[lb]	70	119	160	220	279	320	
Standard Stainless Steel Reflector	[lb]	66	113	152	208	265	304	
Burner	[lb]	20						
U-Tube Packages								
Aluminized U-tube for High Efficiency Aluminum Reflector	[lb]	23						
Aluminized U-tube for Standard Aluminum Reflector	[lb]	19						
Aluminized U-tube for High Efficiency Stainless Steel Reflector	[lb]	25						
Aluminized U-tube for Standard Stainless Steel Reflector	[lb]	20						
Fuel		Natural Gas (NG) or Propane Gas (LP)						
Electrical Supply		120 V, 60 Hz, 1 A (Run)						
Heat Exchanger Tubing		10 ft Sections, 4" dia, 16 Gauge, First 10 ft ALUMI-THERM® Steel Tubing (Remaining Heat Treated Aluminized Steel Tubing)						
Exhaust Flue	dia	4"						
Reflector and End Caps		.024 Stainless Steel Type 304 (Optional - .024 Aluminum)						
Control System		Fully Automatic, Three-Try, 100% Shut-Off, Direct Spark Electronic Ignition Control, LED Burner Status Light						
Approved As		Indoor and Outdoor (Vented or Unvented)						
Certification		ANSI Z83.20/CSA 2.34, 2.17, 2.20						
Warranty		Three-Year Limited (Refer to Installation, Operation and Service Manual for Details)						

Clearances to Combustibles *[in]

Model		ETX-40		ETX-60		ETX-80		ETX-100		ETX-125		ETX-150		ETX-175	
Horizontal	**45°	Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°
A		6	8	6	8	6	8	6	10	6	10	6	12	8	12
B		27	8	35	8	38	8	40	8	46	8	50	8	52	8
C		53	51	63	60	66	66	71	74	77	78	80	84	82	85
D		27	46	35	54	38	60	40	64	46	69	50	74	52	79

*Clearances B, C and D can be reduced by 50% for locations 25 ft (7 m) or more downstream of the burner. For other mounting options and associated clearances, complete installation, operation and service criteria, please see the current issue of the Installation, Operation and Service Manual.

**45° reflector tilt N/A with wide pattern reflectors

These products are not for residential use.

This document is intended to assist licensed professionals in the exercise of their professional judgment.

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