

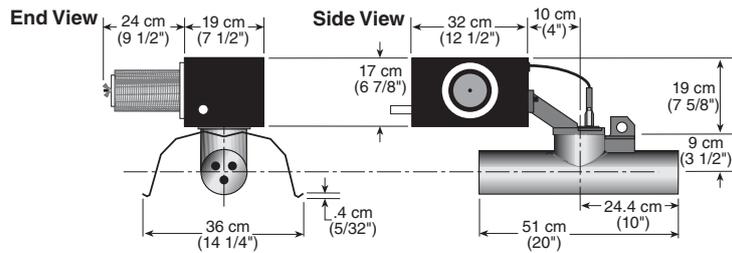
CoRayVac[®]

Over 91.0%^{NET}
Efficient!

Low-Intensity Continuous Radiant Heating System



- Fuel savings and enhanced user comfort provided by burners in-series design
- Greater efficiency from heat treated aluminised tube, uniquely profiled aluminium reflectors, and state of the art burner design
- Maximises useable space with low clearances to combustibles
- Reduced building penetrations as a result of multiple burners per pump
- Aesthetically pleasing by fitting flush with the ceiling and with optional decorative grilles
- Environmentally friendly - meets stringent emission standards
- Models CRT 20, 25 and 30 meet ECA efficiency requirements



		CORAYVAC®				
Model		CRT10	CRT15	CRT20**	CRT25**	CRT30**
Burners in a Branch	max.	6	5	4	3	3
Radiant Tube Length Between Burners	[m] min.	3.0	5.2	6.0	7.2	8.6
	max.	6.0	9.0	12.0	15.0	18.0
Input	[kW]	10	15	20	25	30
Gas Consumption	[m ³ /h]*					
	NG [G20]	1.0	1.4	1.9	2.4	2.9
	NG [G25]	1.1	1.7	2.2	2.8	3.3
	LPG Butane [G30]	0.3	0.4	0.6	0.7	0.9
	LPG Propane [G31]	0.4	0.6	0.8	0.9	1.1
Fuel		NG (G20, G25); LPG Propane or LPG Butane (G30, G31)				
Inlet Pressure	[mbar] NG min.	(G20) - 11, (G25) - 15				
	LPG min.	Butane (G30) and Propane (G31) - 32				
	NG & LPG max.	50				
Gas Connection	[ISO 7-Rc]	1/2"				
Electrical Supply		Pumps - 230/400 V, 1 Ø or 3 Ø - Burner 230 V, 50/60 Hz, 1 Ø, 1 A				
Burner Head		Cast Iron (Optional - Nickel Plated Cast Iron)				
Combustion Chamber and Heat Exchanger Tubing		100 or 150 mm dia, 16 Gauge, Heat Treated Aluminised Steel Tubing				
Exhaust Flue	[mm]	100 or 150				
Reflector and End Caps		NS3H14 Aluminium (or 1.4016 2R Stainless Steel as Option)				
Ignition		Fully Automatic, Three-Try, Direct Spark, 100% Shut Off, Ignition Flame Rectification Module				
Approved As		Flued				
CE Standard		EN 777-4				
Accessories		Optional Lockout Indication (Volt Free Contacts)				
Weights						
Burner and Combustion Chamber	[kg]	9.5 kg/burner				
Tubing and Reflectors	[kg/m]	4.3 with Aluminium Reflectors, 5.85 with Stainless Steel Reflectors				

*Based on Gross Calorific Value



Authorised User No. 00184

** CRT 20, 25 and 30 models can be designed to be high efficiency heaters and are listed on the Enhanced Capital Allowance Scheme 'Energy Technology Product List'.

Clearances to Combustibles * [mm]**

Model		CRT10	CRT15	CRT20	CRT25	CRT30
Horizontal	A	150	150	150	150	150
	B	510	600	760	840	920
	C	1500	1500	1500	1500	1530
	D	510	600	760	840	920

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

Installation Code and Annual Inspections:

All installations and service of ROBERTS GORDON® products must be performed by a contractor qualified in the installation and service of products sold and supplied by Roberts-Gordon and conform to all requirements set forth in the ROBERTS GORDON® manuals and all applicable governmental authorities pertaining to the installation, service and operation of the equipment. To help facilitate optimum performance and safety, Roberts-Gordon recommends that a qualified contractor annually inspect your ROBERTS GORDON® products and perform service where necessary, using only ROBERTS GORDON® replacement parts.

Further Information: Applications, engineering and detailed guidance on systems design, installation and product performance is available through ROBERTS GORDON® representatives. Please contact us for any further information you may require, including the Installation, Operation and Service Manual.

Roberts Gordon Europe Limited

Oxford Street
 Bilston, West Midlands WV14 7EG UK
 Telephone: +44(0) 1902 494425
 Fax: +44(0) 1902 403200
 Service Telephone: +44(0) 1902 498733
 Service Fax: +44(0) 1902 401464
 E-mail: uksales@rg-inc.com
 E-mail: export@rg-inc.com

Corporate Headquarters (USA)

Roberts-Gordon, LLC
 Telephone: +1 716.852.4400
 Fax: +1 716.852.0854

www.rg-inc.com