



ADRIAN GROUP, s.r.o.
 Lazovná 53, 974 01 Banská Bystrica, SLOVAKIA
 tel.: (+421) 48 471 04 44
 fax: (+421) 48 471 04 88
 e-mail: adrian@adrian.sk, www.adrian.eu



CALCULATIONS QUESTIONNAIRE FOR CENTRAL HOT AIR UNITS

Company / name of object:			
Characteristics of object:			
	Dimensions [m]	Uk [W/m ² K]	Construction material *
Peripheral walls			
Windows		pcs	
		pcs	
Gates		pcs	
		pcs	
Sky-light		pcs	
Roof			
Floor			
Clearance height of object			[m]
Height of crane			[m]
Air exchange per hour			
Number of working shifts per day			
Location			
Required temperature regime in object:			
Temperature during working hours			[°C]
Temperature off working hours			[°C]
Heating medium:**			
Type (natural gas, propane, LHO, HHO)			
Connecting pressure			[kPa]
Central hot air unit – required parameters:			
Output			[kW]
Required air pressure			[Pa]
Air flow			[m ³ /h]
Motor speed (one speed, two speeds)			
Burner (one step, two step, modulated)			
Version (vertical / horizontal , interior / exterior)			
Accessories:			
Mixing chamber (mode of air intake)			
Filter chamber			
Air duct connection**			
Accessories for air intake:			
Mixing chamber (interior, exterior, combined)			
Brief description of present heating system:			
Type, output, consumption of heat or used medium:			

*Shall the coefficient of heat transition **Uk** be unknown, describe the thickness, consistence and materials referring to selected surfaces.

**Shall the air duct be present, fill in parameters of the system (pressure loss, air flow, dimensions,...)

Required enclosures:

1. Blue print documentation (PD): lay out, cut through view, side views of object.
2. Shall these be not available – sketch of lay out, cut through view, side views of object. The most important parts of building must be outlined such as separated premises, cranes,....
3. Shall the required temperature not be the same in the entire object, mark heating zones or working areas with different temperatures.

Date: _____

Name of responsible person: _____

Tel., fax: _____