

Guidance Notes for a Self Survey

When completing a self survey the more information about the installation and premises you can provide the better. Listed below is some guidance notes for the specific questions we require answering.

What type of building is the premises ? – Our engineers will need to bore a 72mm hole through the wall from the position of the internal unit for the pipes that lead to the compressor therefore understanding the construction of the premises is vital.

Where is the unit being installed ? – We would need to know what the room is used for because this may have a bearing on the size of the unit required. Rooms that contain a lot of electrical equipment or are used to undertake an activity where heat is generated, such as IT rooms, will also have to be noted.

How big is the room ? – The unit size required for your premises will be based on a number of factors but room size is key. An 12000BTU is designed to operate in a room up to 25sqm and an 18000BTU is designed for a room up to 40sqm, these are maximum sizes. If your room is larger then there will be a need to install two units. The external compressor can be no further than 12 metres from the internal unit.

Does the room have an external wall and will the internal unit be fixed to this wall ? – Our units are wall mounted, unless you have a ceiling cassette which are generally for offices or retail units, and will require some pipes to be connected to an external compressor unit. These pipes must go through an external wall at some point and therefore the internal unit will ideally be fitted to the same wall as the compressor. If this is not possible we are able to fit trunking to hide the pipes until it reaches the external wall or where there is a suspended ceiling we can fit a pump to the unit and take the pipes up above the ceiling tiles. For rooms that have a loft area, such as bedrooms, we may be able to fit a pump and take the pipes into the loft and back out to the compressor. We must be made aware of the distance from the wall unit to the compressor (in metres) which should ideally be no more than 12 metres. Please note that due to the 72mm bore hole requirement the internal unit can not be fitted above windows, unless trunking is used to take the pipes away to another hole. This is because we will be unable to drill through a lintel which will be above the window.

Where is the nearest plug socket to the proposed installation of the internal unit ? – The wall mounted units (12000BTU and 18000BTU) will require a fuse spur to be fitted which must be taken from a 13amp supply, generally your plug socket. We will need to know where the nearest plug socket is to the proposed position for the internal units.

Does the room have a window that has direct sunlight coming in ? – Direct sunlight will have a major effect on the performance of the unit if undersized. For conservatories we will never suggest anything smaller than an 18000BTU because the heat generated by the sun through glass will be too much for any smaller units. For rooms that have a large glass area with direct sunlight will also be effected so this information is key to ensuring the correct unit is installed which will be effective and economical to run.

How many units do you require ? – This is governed by the number of rooms, room size, type of activity undertaken in the room and how much direct sunlight is coming in. If you require some assistance in selecting the size and number of units then please call us on 01908 226446.

Supplying a diagram – A diagram is critical for our engineers to understand clearly the proposed location of the internal wall unit and external compressor. The diagram should be in black pen to ensure clarity for us when receiving the fax and please use a ruler to ensure straight lines, also supply room sizes on the diagram in metres.

Remember the more information that can be put on the diagram the better and photos will also aid us in understanding the proposed installation area.



Air Conditioning Self Survey Sheet

Name: Tel:.....

Address:.....

..... Post Code:.....

What type of building is the premises ? <i>Is the property constructed of brick and breeze block, internal timber framed etc.</i>	
Where is the unit being installed ? <i>Is it a ground floor front room or 1st floor bedroom etc</i>	
How big is the room ? <i>Please supply sizes in metres(floor size only)</i>	
Does the room have an external wall and will the internal unit be fixed to this wall ?	
Where is the nearest plug socket to the proposed installation of the internal unit ? <i>Please highlight if the plug sockets is on the same wall.</i>	
Does the room have a window that has direct sunlight coming in ? <i>Please highlight how large the windows are.</i>	
How many units do you require ?	
Please supply a diagram, using a black pen, of the room showing room size, position of internal unit, external wall and position for the compressor. <i>Please use a separate sheet of paper if needed for further diagrams and additional information.</i>	
Please add any photos if possible	

Please fax to: 01908 226336

Or post to

EDS Ltd, 32 The Square, Wolverton, Milton Keynes, MK12 5DG, Tel: 01908 226446