

## Accelerated Capital Allowances Eligibility Criteria

### **Category: Process and Heating, Ventilation and Air-conditioning (HVAC) Control Systems**

#### **Technology: Blowers**

*A blower is defined as a machine designed for the energy-efficient on-site transfer of gas in situations where its application will result in substantially lower energy usage compared to an air compressor used for the same application. A blower works by receiving energy from a rotating shaft and transmitting it to the air causing the air to move and can be used to produce positive pressures or alternatively negative pressures for industrial vacuum systems.*

#### **Blower Eligibility Criteria:**

In order to be included on the ACA specified list, a Blower must meet *all* of the requirements set out below.

**Note:** Supporting documentation that clearly demonstrates ACA compliance according to the conditions below will be required as part of the ACA checking process. Detailed information on the types of documents accepted can be found in the separate Supporting Documentation guidelines.

No.	Condition
1.	Must have a maximum discharge pressure of 1.2 kg/cm <sup>2</sup>
2.	Must have a nominal input power rating of greater than 1.1kW.
3.	Must have a specific ratio (the ratio of discharge pressure over suction pressure ) of greater than or equal to 1.11 and less than or equal to 1.2
4.	All equipment and/or components must be CE marked as required by the specific EU directive(s).
5.	Appropriate operating and maintenance manuals must be available for the end-user as part of the main contract of sale in order to optimise the achievement of any potential efficiency improvements.

----- End of ACA eligibility criteria -----  
Please see next section for technical detail submission and supporting documentation guidance

***The following information is not part of the official criteria document published within the relevant statutory Instrument; it has been added here for guidance purposes only in order to provide assistance with the submission of product details and the provision of the required supporting documentation.***

**Note:** All information contained within this guidance document is subject to change without notice

## **Technical information required in product submission**

The following are the specific technical values required as part of the product submission for this technology:

### **Discharge pressure**

The discharge pressure (kg/cm<sup>2</sup>) of the product is required as a value for the product submission. It must be entered as number only without units. There should also be no spaces or full stops after the number submitted. The figure must comply with the criteria requirements for maximum discharge pressures values.

### **Input power rating**

The input power rating in kW of the Blower is required as a value for the product submission. It must be entered as whole number only (do not include kW symbol). There should also be no spaces or full stops after the number submitted. The figure must comply with the criteria requirements for minimum power rating values.

### **Specific ratio**

The specific ratio of the Blower is required as a value for the product submission. It must be entered as whole number only (do not include units). There should also be no spaces or full stops after the number submitted. The figure must comply with the criteria requirements for specific ratio values.

## **Supporting documentation required**

Described below is the list of documents that are accepted as proof of compliance for the specific blower conditions.

**Note:** This information will only be requested **AFTER** you submit your product's basic details online

### **Important Notes to Product Providers**

Please ensure that you read the "Important Notes to Product Providers" section at the end of this document prior to submitting documentation.

No.	Condition	Supporting Documentation Requirement
1.	Must have a maximum discharge pressure of 1.2 kg/cm <sup>2</sup>	Official and published manufacturer's technical data sheet or brochure that demonstrates the requirements of the condition.
2.	Must have a nominal input power rating of greater than 1.1kW.	Official and published manufacturer's technical data sheet or brochure that demonstrates the requirements of the condition.
3.	Must have a specific ratio (the ratio of discharge pressure over suction pressure ) of $\geq 1.11$ and $\leq 1.2$	Official and published manufacturer's technical data sheet or brochure that demonstrates the requirements of the condition.
4.	All equipment and/or components must be CE marked as required by the specific EU directive(s).	<p>Official and published manufacturer's technical data sheet or brochure that demonstrates CE marking compliance.</p> <p><b>OR</b></p> <p>A copy of an official signed declaration on headed paper which confirms CE marking compliance.</p> <p>Official declarations should explicitly state the product for which CE marking is being confirmed (i.e. do not provide a letter simply stating general compliance with the relevant ACA Condition).</p> <p>Where a document is used to demonstrate conformance for a number of products or range of products it should clearly specify each individual product covered by that document.</p>
5.	Appropriate operating and maintenance manuals must be available for the end-user as part of the main contract of sale in order to optimise the achievement of any potential efficiency improvements.	<p>A copy of an official signed statement on headed paper which confirms that operating and maintenance manuals are provided as part of the contract of sale. Where applicable, information on the availability of technical documentation to download online should be given.</p> <p><b>NB:</b> A signed declaration is required to comply with this condition in all cases. Submitting copies of user manuals is not sufficient and not required by this condition.</p>

## Important Notes to Product Providers

### **General**

There should be a clear link between all supporting documentation supplied and the product being submitted. This will typically take the form of a product code or product name that can be cross referenced between the submitted product and relevant supporting documentation. If product codes / names have been changed since publication of the supporting documentation, then official evidence of this must be provided with the supporting documentation supplied.

Any deviation from these requirements will result in the supporting documentation not being considered adequate for the purposes of demonstrating compliance with the criteria conditions. This will in turn delay the submission and/or result in the product not being considered eligible.

Where the ACA criteria or help documentation reference compliance to appropriate rather than specific standards, the onus is on the product provider to ensure that supporting documentation supplied references recognised standards that apply to the submitted product, i.e. the product must be covered under the scope of a recognised standard.

If any product submitted is later found not to meet the performance or specification criteria, then this product will cease to be considered eligible for the ACA.

**Note:** When supplying the supporting documentation through the online process you must ensure that the correct page number(s) of the document is referenced when compliance with the relevant condition is being demonstrated. An explanatory note should also be given where more than one page number is referenced.