Things to Know Before Buying Air Compressors

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In NI, air compressors are used in a number of ways in residential and industrial applications. Selecting the right one depends on how you plan to use it. They can be used with air tools in maintenance jobs and they are available in different sizes and types. Some essential features to look for in an air compressor in NI are:

- Size - Depending on where you plan to use it, size will matter, so that it can meet your requirements. Buying one that is too small can result in high energy consumption. Therefore, based on the kind of air tools to be operated, choose the right size with room for growth. Portable units are ideal for home use while stationary industrial air compressors in Belfast are the choice for use in shops and garages.

- Power or fuel source â€“ Air compressors in NI can be powered by gas or electricity. While electrical models can be used both indoors and outdoors, gas powered ones can only be used outdoors. Larger air-compression units need a 220-volt line. So if you have a 110-volt line you will need to upgrade it based on the its wiring requirement. While installing, it is important to consult a professional electrician for the wiring.

- Cubic Feet per minute or CFM is the capacity that determines the amount of airflow it can produce. Take stock of the tools you plan to operate along with it, before determining its capacity. The rating capacity must always be more than the rating of the air tools you plan to use. It should also be able to take on additional tools added in the future.

- Pressure measured in PSI or pounds per square inch - measures its ability to compress the air flowing into a higher pressure. Each tool has a particular operating PSI and CFM and the compressor must be able to deliver the right amount of compressed air for operating the tool.

- Horsepower - The more the horsepower, the higher the CFM.

- Type of pump affects its performance too. Pumps can be single or two-stage, oil lubricated or oil free.

- Other features in such series of compressors include an air cooling system that extends the life of the motor and a thermal overload switch to protect against overheating.

After determining the size and pressure needs, options to consider are portability, depending on the work to be carried out. For applications like roofing, renovations, clean ups, and vehicle maintenance a portable and easy to handle low capacity air compressor in NI is the right fit. For heavy duty projects such as auto repair and projects that involve drilling, spray guns, sanding, etc., larger units are suitable.

Air compressors used in professional applications are usually Industrial Air Compressors in Belfast. They have extra features to enable them handle tougher jobs with higher horsepower, CFM, PSI and the ability to run longer. The larger capacity air compressors in NI are usually stationary units with the ability to safely run a range of air tools for extended periods of time.

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PowerAir is a leading supplier of premium a Air Compressors NI region. Ever since 1978, PowerAir has extensive technical expertise in the development of a Industrial Air Compressors Belfast.

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