



Plasma cutting application

## Heating, ventilation and air conditioning

### Examples of plasma uses

#### Duct fabrication

Specific patterns are cut from .6 to .8 mm (22 to 24 gauge) thick sheet metal on a CNC table or by hand prior to being formed into the required duct shape.

Systems: Powermax30 AIR or 30 XP hand only, Powermax45 XP or Powermax65 for hand or machine CNC table operation

#### Duct alteration

Holes in existing ducts are cut to install new branches or access ports.

Systems: Powermax30 AIR, 30 XP or 45 XP

#### Suspension system fabrication

Parts to fabricate hanging brackets are cut to length from 3 mm (1/8") thick channel iron. Threaded rods are also cut to length for proper system suspension.

Systems: Powermax30 AIR, 30 XP or 45 XP

#### Key advantages of Powermax® systems

- Simple controls make setup and operation easy – even for first-time operators.
- Cut a variety of ferrous and non-ferrous metals including mild steel, stainless and aluminum – painted or rusted.
- Controlled arc and fast cutting speeds reduce heat-affected zone and warping.
- Superior cut and gouge quality reduces time for grinding and edge preparation.
- Drag-cutting technology makes it easy to follow a line or template.
- A wide range of torch styles to choose from for both handheld and automated processes.
- Extensive array of application capabilities via specialty consumables for fine feature cutting, extended reach cutting, gouging and marking.
- The Powermax30 AIR includes an internal air compressor which eliminates having to transport an external compressor or air bottle.

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