Plasma cutting application:

Heating, ventilation and air conditioning

Specific plasma use

Duct fabrication

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

Systems: Powermax30® or 1000 for CNC table operation

Duct alteration

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

Systems: Powermax190c or 30

Suspension system fabrication

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

System: Powermax30

Heating, Ventilation and Air Conditioning

Specific benefits of Powermax systems

- Plasma's unmatched cutting speed for greater productivity over conventional processes such as oxyfuel or shears.
- High-quality cut edges reduce or eliminate secondary operations, such as grinding.
- The controlled arc and high cutting speeds reduce heat-affected zone and warping.
- Hypertherm's drag-cutting technology makes it easy to follow a line or template.
- Cut a variety of ferrous and non-ferrous metals.
- Ease of piercing for starting interior cuts such as access holes.
- Use of FineCut™ consumables delivers higher quality cuts as a result of less dross, narrow kerf and virtually no heat-affected zone.

890360

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