

# H530 Fan Datasheet

## H-Series Chemical Resistant Fan Unit



The hard-working APMG Plastics H-Series general purpose fan is a robust and reliable deep vane forward curved centrifugal fan unit. Manufactured from chemical resistant thermoplastic materials, it is recommended for medium- to heavy-duty applications.

Tough and versatile, the H series delivers effective fume extraction and, while ideal for industrial applications, is suited to countless other systems.

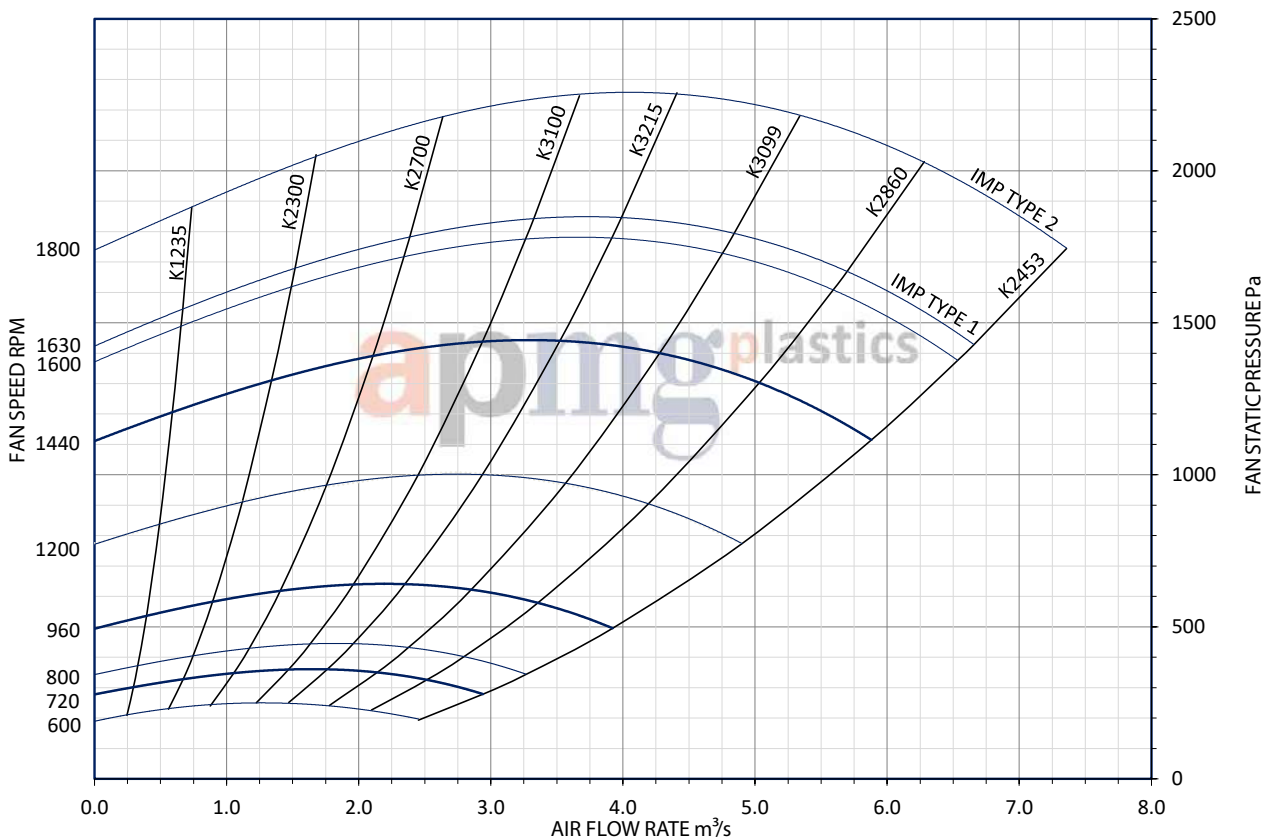
The fan is designed to extract and resist an extensive range of chemicals up to an operating temperature of 40°C. Check with our experienced sales team to ensure the H-series is compatible with your application.

Available in a choice of discharge angles, this durable model is suitable for both internal and external locations.

Additional stiffening and glass fibre reinforcement can be added to handle higher speeds and system resistance.

Noise data is available on request.

### AP530H FAN CHARACTERISTIC CURVE



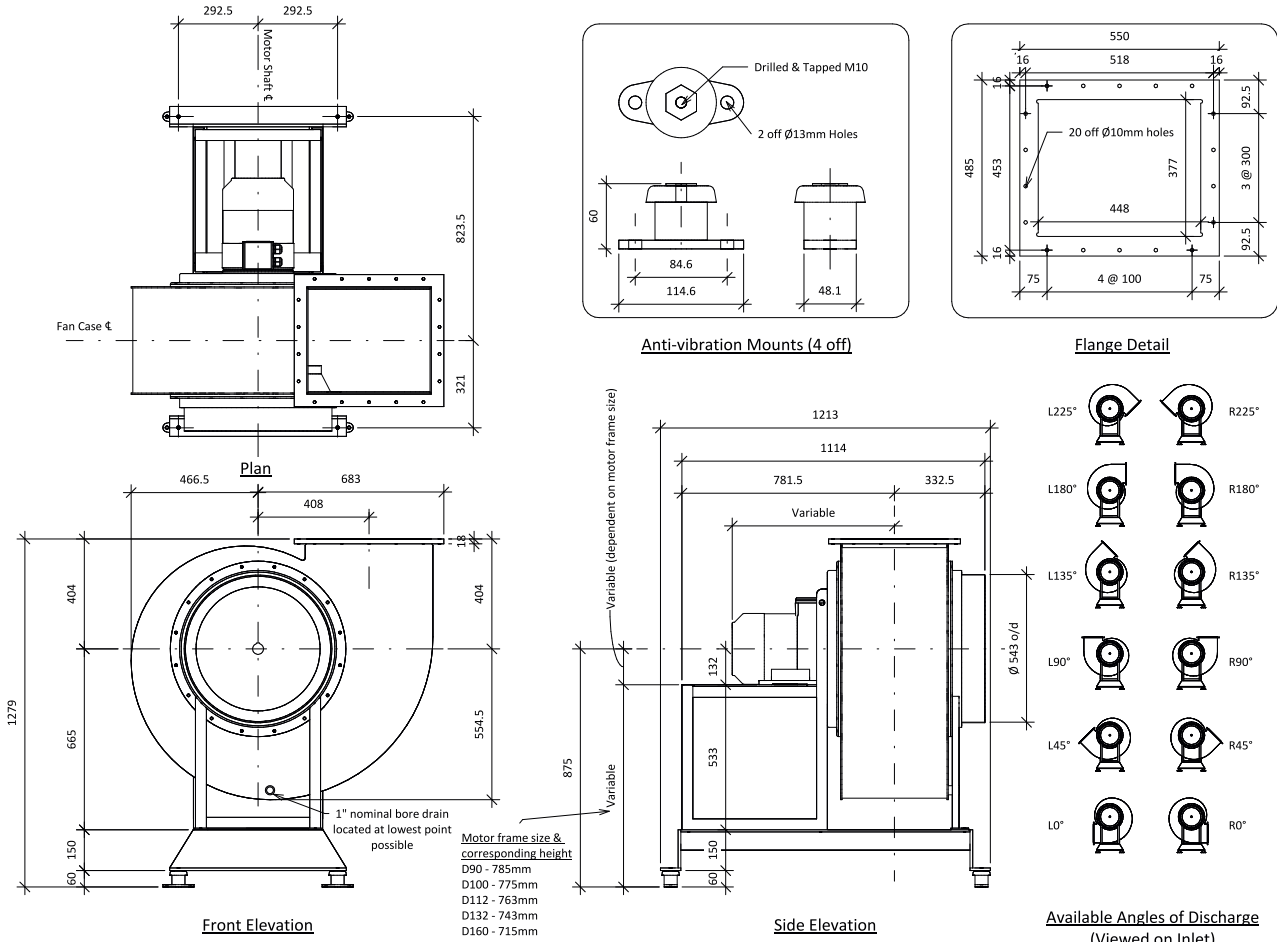
**To calculate the Power Absorbed**  
Plot the fan duty point onto the curves  
and interpolate the relevant 'K' factor.

Then

$$\text{kW} = \frac{6.35 \times \text{m}^3/\text{s} \times \text{Pa}}{\text{K}}$$

To compensate for belt and bearing  
loss multiply the result by 1.2.

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All measurements in mm

## All these features as standard

- Chemical resistant polypropylene centrifugal fan case with drain point
- Forward curved multi deep vane fabricated impeller manufactured from polypropylene
- Galvanised mild steel constructed pedestal with inlet support leg
- Four anti-vibration mounts
- 3-phase motor with minimum IP55 enclosure
- Enclosure can be upgraded to meet application requirements
- Directly driven unit (option for vee belt driven if required)
- Supplied with IE3 sufficient motors

Fan Size	Motor Frame Size (mm)	Approximate Weight
H530	90	117
	100	126
	112	132
	132	152
	160	199

## Optional extras

- Inverter control 3ph to 3ph supply
- PVC inlet and outlet flexible connections
- Fabricated PVC or polypropylene outlet transformation duct sections
- Fabricated rectangular non-return dampers
- A range of PVC or polypropylene vent tube and fittings
- Fabricated PVC or polypropylene circular or rectangular ductwork to DW154 specification