

General Information

D9000 with air cooler

Market

The air cooler is a modular ancillary recommended with the D9000 when high discharge temperatures from the compressor can affect heat sensitive products (e.g. sugars and some plastics)



Specification

General design

The air cooler generally comprises a radiator, cooling fan, fan cowl and mounting brackets all housed inside a GRP enclosure.

The D9000 shaft nearest to the vehicle chassis mechanically drives the fan by either:

- Attachment to the shaft end by a stub shaft arrangement
- Fixing to the belt arm pulley if one is fitted on this shaft

All the parts are coated/plated to prevent weather corrosion.

The Standard Package

The major parts of the air cooler are attached to the D9000 with the fitting components being supplied as a separate kit.

Cooling Performance

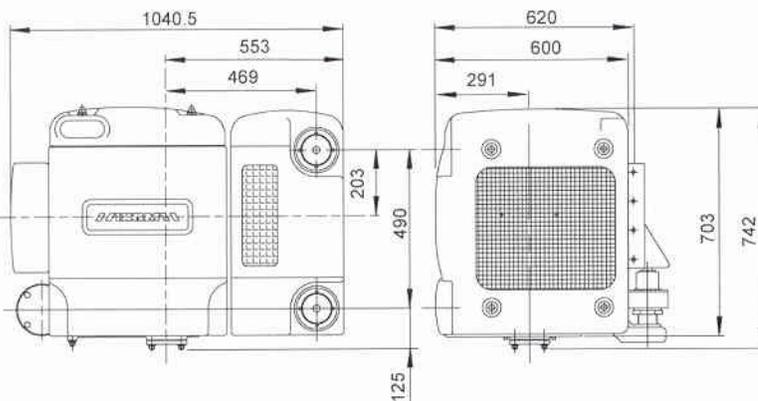
There are many different factors affecting the cooling rate. From 2500 to 3000 rpm at 2 bar g, the maximum temperature rise will be 65°C above ambient.

In addition to the cooler effect, the air temperature will reduce much further along the pipe work to the tank and when combined with the mass of the tank and product.

Mounting

The air cooler is attached to the D9000 by temporary brackets for shipping and initially offering to a vehicle. A permanent bracket can then be manufactured and fitted by the installer.

Dimensions



WEIGHT D9000 WITH COOLER: 340kg