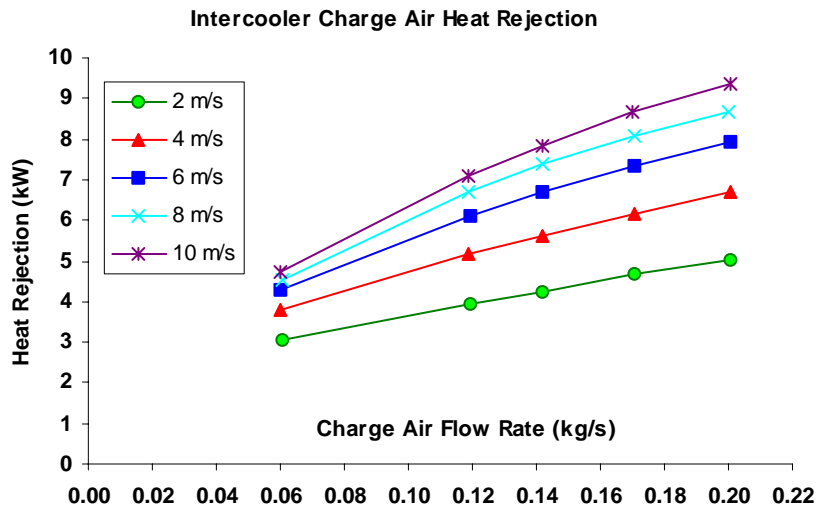


## INTERCOOLER CALORIMETRIC TEST RIG

### Charge Flow

Air Mass Flow Range:	0.025 – 0.3 kg/sec
Air Volume Flow Range:	20 – 250 litres/sec
Air On Temperature:	100-175°C ± 1°C
Charge Pressure (Max):	270 kPa ± 1kPa



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### Cooling Air Side

Maximum Cooler Size:	800 x 800 mm
Air Flow Range:	30 - 4000 l/s
Face Velocity Range:	15 m/s
Max Air Side Restriction:	1800 Pa
Air On Temp:	20- 30°C ± 1°C

### Water Cooled

Coolant Flow Range:	1-260 litres/min
Max Feed Pressure:	2 bar, gauge pressure
Coolant Temperature:	45- 95°C ± 1°C
Test Fluid:	50:50 Texaco ELC: Water