

KRONOS CARBURETION SYSTEMS / AFR-CONTROL

This sheet helps HEINZMANN application engineers to calculate and advice the proper carburetion equipment for your gas engine application. Please fill in this form and do not hesitate to contact HEINZMANN in case of doubts or questions. For identical applications this procedure will not be required as HEINZMANN will inform you about part numbers, commissioning instructions and settings. Please use always the latest order form which you can download at www.heinzmann.com/en/engine-turbine/gas-engine-management/air-fuel-ratio

CUSTOMER INFORMATION

Company
Address
Email **Phone** **Fax**
Customer-ID **Order No.**
Contact person/Division **Date**

ENGINE DATA

Engine type **Configuration** in-line engine V-engine
Turbo charger Yes No **Max. boost pressure** bar abs.
Engine displacement litre **No. of cylinders**
Vol. eff. (Ve) **Rated power** kW
n_{start} rpm **n_{Nominal}** rpm
Mech. efficiency (η) **Max. manifold temperature** °C
 λ desired **No. of teeth at the starter ring**
Application (e.g. net parallel / island mode)

MIXING UNIT(S)

Location (see overleaf) DTNA DTTC BTTC
For V-engines Single mixing unit Double mixing unit

THROTTLE VALVE

Throttle valve required not required **For V-engines** single throttle valve double throttle valve
Lever required not required **Configuration** on mixing unit stand-alone

GAS CONTROL VALVE

Components of the gas train such as gas valve, gas filter and in particular the zero-pressure regulator form an inseparable part in order to obtain an optimal functioning fuel system. HEINZMANN has the experience and the knowledge to supply you the right components, including the certification.

Operation manual by AFR-control with (e.g. Lambda sensor, broadband λ sensor, CH₄ sensor)
 or power feed back
For V-engines single valve double valve **Gas train** required not required
Cable length metre

FUEL PROPERTIES

Lower heat value MJ/nm³

Gas density kg/nm³

Stoichiometric air requirement m³/m³

Range (only for variable fuel) to % CH₄

If fuel properties are not known -gas (e.g. natural, landfill, L/H-gas, etc.)

GENERAL

Enquiry for the following volume 1-5 items

Number of items within a year

Communication program DcDesk required not required

Commissioning required not required

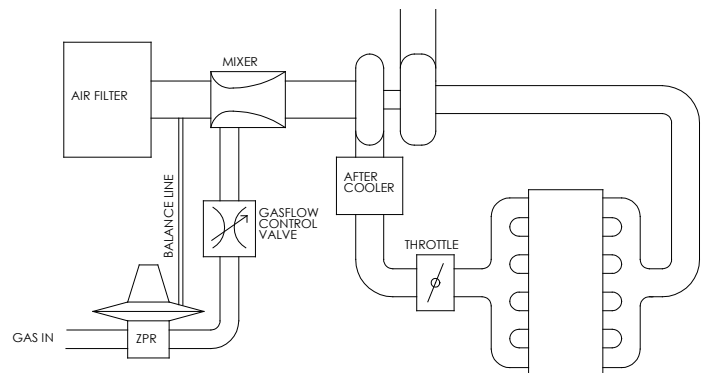
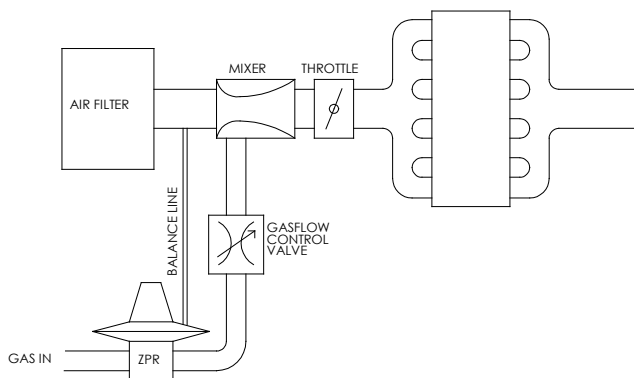
Training course required not required

Governmental requirements / certificates

HEINZMANN KRONOS AIR-FUEL RATIO CONTROL

Draw through natural aspirated DTNA

Draw through turbo charged DTTC



Blow through turbo charged BTTC

