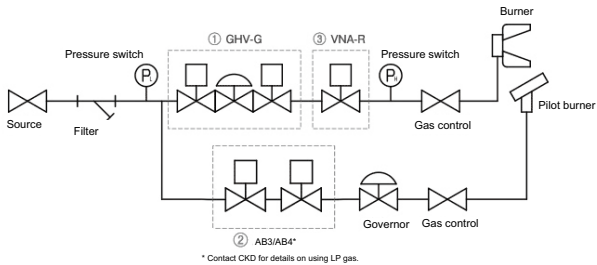


EXA
 FWD
 HNB/G
 USB/G
 FAB/G
 FGB/G
 FVB
 FWB/G
 FHB
 FLB
 AB
 AG
 AP/
 AD
 APK/
 ADK
 DryAir
 EX-
 XPLNprf
 XPLNprf
 HVB/
 HVL
 S∇B/
 NAB
 LAD/
 NAD
 Water-
 Rela
 NP/NAP/
 NVP
 SNP
 CHB/G
 MXB/G
 Other
 valves
 SWD/
 MWD
 DustColl
 CVE/
 CVSE
 CCH /
 CPE/D
 LifeSci
 Gas-
 Combustion
 Auto-
 Water
 SpecFld
 Custom
 Ending

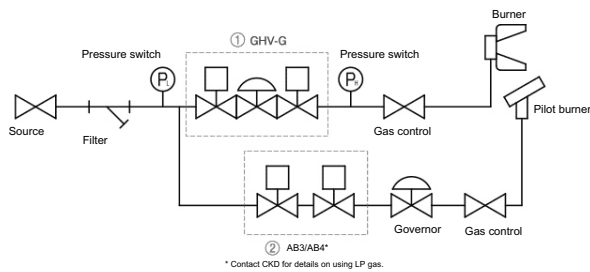
In pursuit of system safety from every angle, CKD offers the components required for gas combustion systems.

Example of system circuit



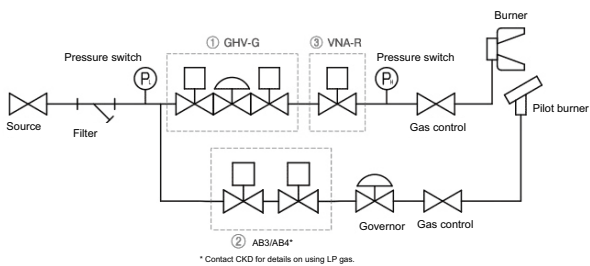
Medium pressure circuit

- (1) GASB
- (2) TAC-25
- (3) AB3
AB4



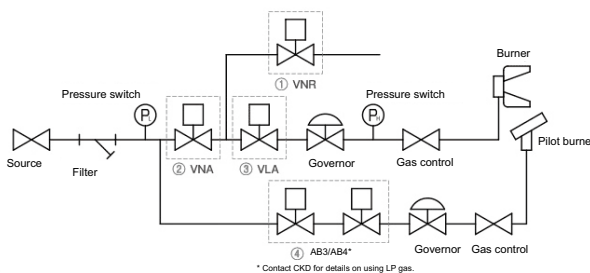
Intermediate pressure circuit (combination valve used)

- (1) GHV-G
- (2) GAB4X



Intermediate pressure circuit (combination valve used: Hi-Lo-OFF control)

- (1) GHV-G
- (2) GAB4X
- (3) VNA-R



Intermediate pressure circuit (conventional circuit)

- (1) VNR
- (2) VNA
- (3) VLA
- AB3
AB4

Select an appropriate model for your application

Solenoid valve

- With flow rate controller.
- A strainer is incorporated.
Option (with pressure detection port.)
- Slow opening operation is possible.
- Ideal for natural gas conversion.
- With terminal box.
- Built-in rectifier so noise does not occur.



Medium pressure gas safety shutoff control system

- Combined product of solenoid valve and governor that supports medium pressure of 0.1 to 0.3 MPa.
- Cutoff valve using solenoid valve structure is adopted.



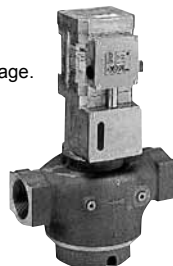
Selection guide

Series name		Working pressure			Opening operation		Port size												Page			
		Low pressure	Intermediate pressure	Medium pressure	Quick	Slow	8A	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A		200A	250A	
							1/4	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6		8	10	
Gas combination valve	GHV	○	○		○	○				○	○	○	○									934 to 937
	GAV	○			○				○	○	○											938 to 939
Solenoid valve	DSG	○			○			○	○													940 to 943
	DSG-W	○			○			○	○													944 to 945
	MN	○	○		○			○	○													946 to 947
	VNA	○	○		○			○	○	○	○	○	○									948 to 952
	VLA	○	○		○	○		○	○	○	○	○	○	○								954 to 957
	VNA-R/RH	○	○	○	○			○	○	○	○	○										958 to 961
	VNR	○	○		○			○	○	○	○	○										962 to 963
Medium pressure gas safety shutoff control system	TAC-25			○	○	○			IN side ●		OUT side ●											964 to 967
	VNM	○	○	○	○				●													968 to 969
	VLM	○	○	○		○			●													970 to 971
	C25N-B			○					IN side ●		OUT side ●											972 to 973
Safety shut-off valve	VNM-25-K	○	○	○	○				●												974 to 975	
Motorized valve	HK1	○	○	○		○					●	●	●	●	▲	▲	▲	▲				976 to 979
	HS	○	○	○		○						●		●								980 to 983
Ball valve	GASB	○	○	○		○						●		●	●							984 to 985

Port size column: ○: Rp ●: JIS flange ▲: DIN flange ●: Rp and JIS flange ▲: Rp and DIN flange

Motorized valve

- There is no contamination in the oil and no oil leakage.
- With flow rate controller.
- With pressure detection port.



Ball valve

- Enables unmanned operation of valve open/close by remote control.
- Gas can be cut off reliably during power failures by a fail-safe mechanism.
- With valve operation confirmation switch and display needle (visual inspection).

