

AG Series



This series has essentially no danger of a backfire as it employs non-premixing combustion method. This ensures stable combustion in a wide range of applications.

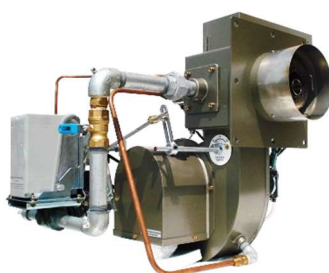
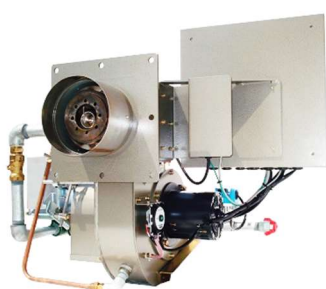
The burner and control are designed in compliance with the safety requirements for the gas appliances and equipment. Well arranged layout of the burner head, fan and control results in a compact construction to enable effective use of a small space.

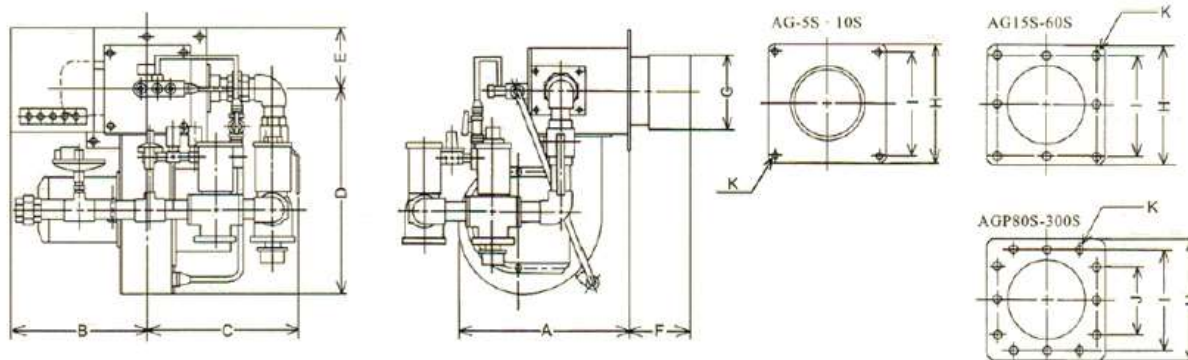
A strong pilot flame ensures a secure ignition of the main gas. Both the main and the pilot burner are so designed as to allow simple removal and reinstallation, thus providing ease of inspection, cleaning and other maintenance.

AG Series (General-Purpose Standard Gas Burner)														
MODEL			MAX. OUTPUT		QUANTITY OF MAX. GAS Nm³/h		KIND OF GAS	POWER SOURCE		MOTOR OUTPUT	CONNECTION LINE SIZE (MAIN COCK)			FLAME DETECTOR
ON-OFF	HIGH-LOW	PROPOR-TIONAL	kW	kcal/h	LPG	LNG	Supply Pressure kPa	Volt	Phase	kW	LPG	LNG	LNG (PROPOR-TIONAL)	
AG-5S	AG-5WS	AGP-5S	58	50,000	2.1	4.6	LNG :2.0 LPG :2.8	-	1	0.04	3/4B	3/4B	3/4B	Flame rod Ultra vision
AG-10S	AG-10WS	AGP-10S	116	100,000	4.2	9.2		-	1	0.15	3/4B	3/4B	3/4B	
AG-15S	AG-15WS	AGP-15S	174	150,000	6.3	13.8		-	1 or 3	0.25	3/4B	1B	1B	
AG-25S	AG-25WS	AGP-25S	291	250,000	10.5	23		-	3	0.4	1B	1B	1B	
AG-30S	AG-30WS	AGP-30S	349	300,000	12.6	27.5		-	3	0.4	1B	1B	11/4B	
AG-40S	AG-40WS	AGP-40S	465	400,000	16.8	36.7		-	3	0.75	1B	11/4B	11/4B	
AG-45S	AG-45WS	AGP-45S	523	450,000	18.9	41.3		-	3	0.75	1B	11/4B	11/2B	Ultra vision
AG-60S	AG-60WS	AGP-60S	698	600,000	25.2	55.1		-	3	1	11/4B	2B	2B	
-	-	AGP-80S	930	800,000	33.6	73.5		-	3	1.5	11/2B	2B	2B	
-	-	AGP-100S	1160	1,000,000	42.1	91.8		-	3	1.5	2B	21/2B	21/2B	
-	-	AGP-150S	1740	1,500,000	63.1	137.7		-	3	2.2	2B	21/2B	21/2B	
-	-	AGP-200S	2330	2,000,000	84.1	183.7		-	3	3.7	21/2B	3B	3B	
-	-	AGP-250S	2910	2,500,000	105.1	229.6		-	3	5.5	21/2B	*2	*2	
-	-	AGP-300S	3490	3,000,000	126.2	275.5		-	3	7.5	3B	*2	*2	

Max. Output, Quantity of Max. Gas is gross caloric value
(LNG:10980 kcal/Nm³, LPG:23780 kcal/Nm³)

*2: It is decided in combination with a lineup of the gas supply pressure.





CLASIFICATION	MODEL	A	B	C	D	E	F	G	H	I	J	K	KIND OF GAS
AG SERIES	ON-OFF SYSTEM	AG-5S	387	255	325	271	135	100	101.6	200	180	4-Φ10	LNG
		AG-10S	417	275	325	293	170	100	114.3	200	180	4-Φ10	LNG
		AG-15S	496	298	312	374	148	100	146	270	240	8-Φ12	LNG
		AG-25S	515	298	335	418	148	100	160	270	240	8-Φ12	LNG
		AG-30S	606	310	363	472	135	120	180	270	240	8-Φ12	LNG
		AG-40S	645	310	395	504	135	120	180	270	240	8-Φ12	LNG
		AG-45S	645	310	395	504	135	120	180	270	240	8-Φ12	LNG
		AG-60S	690	345	487	539	170	120	216	340	310	8-Φ12	LNG
	HIGH-LOW SYSTEM	AG-5WS	442	275	325	328	165	100	101.6	200	180	4-Φ10	LNG
		AG-10WS	447	275	325	365	170	100	114.3	200	180	4-Φ10	LNG
		AG-15WS	526	298	312	400	148	100	146	270	240	8-Φ12	LNG
		AG-25WS	558	298	337	418	148	100	160	270	240	8-Φ12	LNG
		AG-30WS	633	310	362	472	135	120	180	270	240	8-Φ12	LNG
		AG-40WS	656	330	395	504	135	120	180	270	240	8-Φ12	LNG
		AG-45WS	656	330	395	504	135	120	180	270	240	8-Φ12	LNG
		AG-60WS	790	345	487	569	170	120	216	340	310	8-Φ12	LNG
	PROPORTIONAL SYSTEM	AGP-5S	463	335	425	358	255	100	101.6	200	180	4-Φ10	LNG
		AGP-10S	463	335	425	358	255	100	114.3	200	180	4-Φ10	LNG
		AGP-15S	507	358	447	374	238	100	146	270	240	8-Φ12	LNG
		AGP-25S	523	358	467	418	238	100	160	270	240	8-Φ12	LNG
		AGP-30S	597	370	526	472	226	120	180	270	240	8-Φ12	LNG
		AGP-40S	597	370	526	504	226	120	180	270	240	8-Φ12	LNG
		AGP-45S	626	370	549	504	226	120	180	270	240	8-Φ12	LNG
		AGP-60S	624	405	480	539	201	120	216	340	310	8-Φ12	LNG
		AGP-80S	732	470	535	638	230	150	240	380	350	12-Φ12	LNG
		AGP-100S	733	483	563	645	217	150	260	400	364	12-Φ12	LNG
		AGP-150S	853	500	580	711	225	180	290	450	410	12-Φ13	LNG
		AGP-200S	960	520	627	756	245	180	330	490	450	12-Φ13	LNG
		AGP-250S	1036	535	675	1020	260	200	360	520	480	12-Φ13	LPG
		AGP-300S	1073	570	746	1055	290	200	410	580	544	12-Φ13	LPG

AG Series: Standard model gas burner
(Max. Turndown ratio 5:1)

*This list is burner dimensions of gas kind LNG. In the case of other kind of gas, please confirm it to the person in charge.