



BURNERS

2015

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RANGE NAME BY FUEL TYPE	
MAX GAS	Gas natural - LPG
BLU	Gas natural - LPG
MAX	Light oil
MAIOR	Light oil
MAXFLAM	Heavy oil (max visc. 50 °E at 50 °C)
OILFLAM	Heavy oil (max visc. 50 °E at 50 °C)
MULTICALOR	Dual fuel: gas/light oil
MULTIFLAM	Dual fuel: gas/heavy oil (max visc. 50 °E at 50 °C)
RANGE NAME + TS	Duoblock burner

MODEL SIZE (gas: kW; oil: kg/h)	
MAX 4	4 kg/h
MAIOR 120	120 kg/h
MAX GAS 40	40 kW
BLU 1200.1	1200 kW
MULTICALOR 300.1	300 kg/h - 3000 kW

OPERATION TYPE	
-	1 stage
R	1 stage with pre-heater
P	1 stage - soft start
PAB	2 stages gas - soft start
P 120 AB	2 stages light/heavy oil 120 kg/h - soft start
P 120 AB HS	2 stages oil hydraulic system 120 kg/h - soft start
Z3 / S3	2 stages with 3 nozzles / 3 stages with 3 nozzles
PR	progressive mechanical
PR-PAB	progressive mechanical gas / 2 stages oil
PRE	progressive electronic
MD	modulating with PID

FUEL	
-	Gas / Light oil / Heavy oil
LPG	Liquid gas
BF	Biofuel
K	Kerosene
HV	High viscosity heavy oil

CONFIGURATION/ADDITIONAL INFO	
S	Special version
O	Special OEM version
SW	Swirl system head
S4	Four heads configuration
HT	High temperature
CV	Continuous ventilation

BLU 1200.1 LN PAB TL 230-50 TW

EMISSIONS	
LN - Low NOx	Low NOx Class 3 - Gas EN676 (<80 mg/kWh)
-	Standard Class 2 - Gas EN676 (<120 mg/kWh)
MAX Low NOx	Low NOx Class 3 yellow flame (<120 mg/kWh)
MAX	Standard Class 2 - Oil EN267 (<185 mg/kWh)
MAIOR	Standard Class 1 - Oil EN267 (<250 mg/kWh)

HEAD TYPE	
TC	Short head
TL	Long head

ELECTRICAL POWER SUPPLY	
-	1 phase: 230V-50Hz
-	3 phase: 400V-50Hz
60	60 Hz

ELECTRICAL EQUIPMENT (CONTROL BOX)	
TW	Thermowatt

VALVE MANUFACTURER	OPERATION TYPE
D	Dungs
K	Kromschröder
S	Siemens - Landis
H	Honeywell
B	Brahma

OPERATION TYPE	
1	1 stage or 2 stages with butterfly valve
2	2 stages solenoid valve
3	2 stages pneumatic
4	2 stages electronic
5	2 stages mechanical

GAS TRAIN MATCHING BURNER	
MAXGAS40-120	Model matching MAX GAS 40-120
BLU/MULTI	Model matching BLU-MULTICALOR-MULTIFLAM range
MAXGAS40-120SX	Left side connection for MAX GAS 40-120

GT - S2 - VGD40 - DN80 - BLU/MULTI PS2

MODEL TYPE	
MBC120	MultiBloc model MBC120
MBDLE403	MultiBloc model MBDLE403
MBZRDLE410	MultiBloc 2 stages valve model MBZRDLE410
VGD20503	Siemens Landis model VGD20503
VCS240	Kromschröder model VCS240
EG12L	Brahma model EG12L

VALVE NOMINAL DIAMETER	
RP15	Rp. 1/2" Threaded connection
RP20	Rp. 3/4" Threaded connection
RP25	Rp. 1" Threaded connection
RP32	Rp. 1"1/4 Threaded connection
RP40	Rp. 1"1/2 Threaded connection
RP50	Rp. 2" Threaded connection
DN40	DN40 Flanged connection
DN50	DN50 Flanged connection
DN60	DN60 Flanged connection
DN80	DN80 Flanged connection
DN100	DN100 Flanged connection
DN125	DN125 Flanged connection

MIN. GAS PRESSURE SWITCH ARRANGEMENT	
PS1	Single min.gas pressure switch before first valve
PS2	Single min.pressure switch between the two valves
PS3	Two min.gas pressure switches, before and between the valves

One stage Low NOx class 3 (NOx < 80 mg/kWh) - Thermowatt control

model	output [kW]		burner body		pressure [mbar]		gas train			gas governor and filter
	min	max	head	code	min	max	code	type	Ø	kit adaptor
MAX GAS 40 P TW	17	48	TC	3142741	9	65	3141885	MBC 65 DLE	1/2"	included
					9	200	3123944	MB-DLE 403		
			TL	3142742	9	65	3141885	MBC 65 DLE	1/2"	included
					9	200	3123944	MB-DLE 403		
MAX GAS 70 P TW	34	70	TC	3142743	10	360	3123560	MB-DLE 405	3/4"	included
					11		3141886	MBC 120 DLE		
					16	65	3141885	MBC 65 DLE		
					18	200	3123944	MB-DLE 403		
			TL	3142744	10	360	3123560	MB-DLE 405	3/4"	included
					11		3141886	MBC 120 DLE		
					16	65	3141885	MBC 65 DLE		
					18	200	3123944	MB-DLE 403		
MAX GAS 105 P TW	49	108	TC	3142745	16	360	3123560	MB-DLE 405	3/4"	included
					18		3141886	MBC 120 DLE		
					34	65	3141885	MBC 65 DLE		
					36	200	3123944	MB-DLE 403		
			TL	3142746	16	360	3123560	MB-DLE 405	3/4"	included
					18		3141886	MBC 120 DLE		
					34	65	3141885	MBC 65 DLE		
					36	200	3123944	MB-DLE 403		
MAX GAS 120 P TW	49	120	TC	3142747	16	360	3123560	MB-DLE 405	3/4"	included
					18		3141886	MBC 120 DLE		
					34	65	3141885	MBC 65 DLE		
					36	200	3123944	MB-DLE 403		
			TL	3142748	16	360	3123560	MB-DLE 405	3/4"	included
					18		3141886	MBC 120 DLE		
					34	65	3141885	MBC 65 DLE		
					36	200	3123944	MB-DLE 403		
MAX GAS 170 P TW	55	175	TC	3142749	13	360	3123947	MB-DLE 410	1"	included
					17		3123525	MB-DLE 407		
					26		3123560	MB-DLE 405		
			TL	3142750	13	360	3123947	MB-DLE 410	1"	included
					17		3123525	MB-DLE 407		
					26		3123560	MB-DLE 405		

MAX GAS 250 P TW	55	240	TC	3142751	15	360	3141899	MB-DLE 412	1"1/4	included
					17		3123947	MB-DLE 410	1"	
					26		3123525	MB-DLE 407	3/4"	
					40		3123560	MB-DLE 405	3/4"	
			TL	3142752	15	360	3141899	MB-DLE 412	1"1/4	included
					17		3123947	MB-DLE 410	1"	
					26		3123525	MB-DLE 407	3/4"	
					40		3123560	MB-DLE 405	3/4"	
MAX GAS 350 P TW	100	350	TC	3143283	17	360	3142296	MB-DLE 415 350/500	1"1/2	included
					20		3142295	MB-DLE 412 350/500	1"1/4	
					37		3142665	MB-DLE 410 350/500	1"	
					60		3142392	MB-DLE 407 350/500	3/4"	
			TL	3143284	17	360	3142296	MB-DLE 415 350/500	1"1/2	included
					20		3142295	MB-DLE 412 350/500	1"1/4	
					37		3142665	MB-DLE 410 350/500	1"	
					60		3142392	MB-DLE 407 350/500	3/4"	
MAX GAS 500 P TW	120	500	TC	3143285	20	360	3142296	MB-DLE 415 350/500	1"1/2	included
					35		3142295	MB-DLE 412 350/500	1"1/4	
					55		3142665	MB-DLE 410 350/500	1"	
					90		3142392	MB-DLE 407 350/500	3/4"	
			TL	3143286	20	360	3142296	MB-DLE 415 350/500	1"1/2	included
					35		3142295	MB-DLE 412 350/500	1"1/4	
					55		3142665	MB-DLE 410 350/500	1"	
					90		3142392	MB-DLE 407 350/500	3/4"	

GAS TRAIN - Export configuration

designation	description	type of burner	Ø	code
GT-D1-GBLE055-RP15-MAXGAS40-120	MultiBloc class B - EN676 up to 70kW	40-120	1/2"	3142027
GT-H1-E6GSRP-RP15-MAXGAS40-120	single solenoid valve with min gas pressure switch	40-120	1/2"	3141888
GT-H1-EG12L-RP15-MAXGAS40-120	single solenoid valve with min gas pressure switch	40-120	1/2"	3141887
GT-K1-VAS125-RP25-MAXGAS170-250	single solenoid valve with min gas pressure switch	170-250	1"	3142815
GT-K1-VAS240-RP40-MAXGAS170-250	single solenoid valve with min gas pressure switch	170-250	1" 1/2	3142816

One stage Low NOx class 3 (NOx < 80 mg/kWh) - Thermowatt control - VCS gas train versions

model	output [kW]		burner body		pressure [mbar]		gas train			gas governor and filter	
	min	max	head	code	min	max	code	type	∅	code	type
MAX GAS 170 P TW	55	175	TC	3142749	20	500	3141906	VCS-125	1"	3142521	FGDR 1"
			TL	3142750	20	500	3141906	VCS-125	1"	3142521	FGDR 1"
MAX GAS 250 P TW	55	240	TC	3142751	15	500	3142251	VCS-240	1"1/2	3142523	FGDR 1"1/2
					34		3141906	VCS-125	1"	3142521	FGDR 1"
			TL	3142752	15	500	3142251	VCS-240	1"1/2	3142523	FGDR 1"1/2
					34		3141906	VCS-125	1"	3142521	FGDR 1"
MAX GAS 350 P TW	100	350	TC	3143283	18	500	3142375	VCS-240 350/500	1"1/2	3142523	FGDR 1"1/2
					54		3142374	VCS-125 350/500	1"	3142521	FGDR 1"
			TL	3143284	18	500	3142375	VCS-240 350/500	1"1/2	3142523	FGDR 1"1/2
					54		3142374	VCS-125 350/500	1"	3142521	FGDR 1"
MAX GAS 500 P TW	120	500	TC	3143285	24	500	3142375	VCS-240 350/500	1"1/2	3142523	FGDR 1"1/2
					98		3142374	VCS-125 350/500	1"	3142521	FGDR 1"
			TL	3143286	24	500	3142375	VCS-240 350/500	1"1/2	3142523	FGDR 1"1/2
					98		3142374	VCS-125 350/500	1"	3142521	FGDR 1"

One stage Low NOx class 3 (NOx < 80 mg/kWh) - Thermowatt control - CONTINUOUS VENTILATION

model	output [kW]		burner body	
	min	max	head	code
MAX GAS 40 P CV TW	17	48	TC	on request
			TL	on request
MAX GAS 70 P CV TW	34	70	TC	3144065
			TL	on request
MAX GAS 105 P CV TW	49	108	TC	on request
			TL	on request
MAX GAS 120 P CV TW	49	120	TC	3144066
			TL	3144067
MAX GAS 170 P CV TW	55	175	TC	on request
			TL	on request
MAX GAS 250 P CV TW	55	240	TC	on request
			TL	on request

Two stages Low NOx class 3 (NOx < 80 mg/kWh) - Thermowatt control with DISPLAY

model	output [kW]		burner body		pressure [mbar]		gas train			gas governor and filter
	min	max	head	code	min	max	code	type	Ø	kit adaptor
MAX GAS 170 PAB TW	55	175	TC	3142782	13	360	3123962	MB-ZRDLE 410	1"	included
					17		3123961	MB-ZRDLE 407	3/4"	
					26		3123960	MB-ZRDLE 405	3/4"	
			TL	3142783	13	360	3123962	MB-ZRDLE 410	1"	included
					17		3123961	MB-ZRDLE 407	3/4"	
					26		3123960	MB-ZRDLE 405	3/4"	
MAX GAS 250 PAB TW	55	240	TC	3142784	15	360	3141901	MB-ZRDLE 412	1"1/4	included
					17		3123962	MB-ZRDLE 410	1"	
					26		3123961	MB-ZRDLE 407	3/4"	
					40		3123960	MB-ZRDLE 405	3/4"	
			TL	3142785	15	360	3141901	MB-ZRDLE 412	1"1/4	included
					17		3123962	MB-ZRDLE 410	1"	
					26		3123961	MB-ZRDLE 407	3/4"	
					40		3123960	MB-ZRDLE 405	3/4"	
MAX GAS 350 PAB TW	100	350	TC	3143287	17	360	3142296	MB-DLE 415 350/500	1"1/2	included
					20		3142295	MB-DLE 412 350/500	1"1/4	
					37		3142665	MB-DLE 410 350/500	1"	
					60		3142392	MB-DLE 407 350/500	3/4"	
			TL	3143288	17	360	3142296	MB-DLE 415 350/500	1"1/2	included
					20		3142295	MB-DLE 412 350/500	1"1/4	
					37		3142665	MB-DLE 410 350/500	1"	
					60		3142392	MB-DLE 407 350/500	3/4"	
MAX GAS 500 PAB TW	120	500	TC	3143289	20	360	3142296	MB-DLE 415 350/500	1"1/2	included
					35		3142295	MB-DLE 412 350/500	1"1/4	
					55		3142665	MB-DLE 410 350/500	1"	
					90		3142392	MB-DLE 407 350/500	3/4"	
			TL	3143290	20	360	3142296	MB-DLE 415 350/500	1"1/2	included
					35		3142295	MB-DLE 412 350/500	1"1/4	
					55		3142665	MB-DLE 410 350/500	1"	
					90		3142392	MB-DLE 407 350/500	3/4"	

Two stages Low NOx class 3 (NOx < 80 mg/kWh) - Siemens control

model	output [kW]		burner body		pressure [mbar]		gas train			gas governor and filter
	min	max	head	code	min	max	code	type	Ø	kit adaptor
MAX GAS 120 PAB	40	120	TC	3123954	16	360	3123960	MB-ZRDLE 405	3/4"	included
			TL	3123955	16	360	3123960	MB-ZRDLE 405	3/4"	included
MAX GAS 170 PAB	55	175	TC	3123956	13	360	3123962	MB-ZRDLE 410	1"	included
					17		3123961	MB-ZRDLE 407	3/4"	
					26		3123960	MB-ZRDLE 405	3/4"	
			TL	3123957	13	360	3123962	MB-ZRDLE 410	1"	included
					17		3123961	MB-ZRDLE 407	3/4"	
					26		3123960	MB-ZRDLE 405	3/4"	
MAX GAS 250 PAB	55	240	TC	3123958	15	360	3141901	MB-ZRDLE 412	1"1/4"	included
					17		3123962	MB-ZRDLE 410	1"	
					26		3123961	MB-ZRDLE 407	3/4"	
					40		3123960	MB-ZRDLE 405	3/4"	
			TL	3123959	15	360	3141901	MB-ZRDLE 412	1"1/4"	included
					17		3123962	MB-ZRDLE 410	1"	
					26		3123961	MB-ZRDLE 407	3/4"	
					40		3123960	MB-ZRDLE 405	3/4"	
MAX GAS 350 PAB	100	350	TC	3142285	17	360	3142296	MB-DLE 415 350/500	1"1/2"	included
					20		3142295	MB-DLE 412 350/500	1"1/4"	
					37		3142665	MB-DLE 410 350/500	1"	
					60		3142392	MB-DLE 407 350/500	3/4"	
			TL	3142286	17	360	3142296	MB-DLE 415 350/500	1"1/2"	included
					20		3142295	MB-DLE 412 350/500	1"1/4"	
					37		3142665	MB-DLE 410 350/500	1"	
					60		3142392	MB-DLE 407 350/500	3/4"	
MAX GAS 500 PAB	120	500	TC	3142291	20	360	3142296	MB-DLE 415 350/500	1"1/2"	included
					35		3142295	MB-DLE 412 350/500	1"1/4"	
					55		3142665	MB-DLE 410 350/500	1"	
					90		3142392	MB-DLE 407 350/500	3/4"	
			TL	3142292	20	360	3142296	MB-DLE 415 350/500	1"1/2"	included
					35		3142295	MB-DLE 412 350/500	1"1/4"	
					55		3142665	MB-DLE 410 350/500	1"	
					90		3142392	MB-DLE 407 350/500	3/4"	

Two stages Low NOx class 3 (NOx < 80 mg/kWh) - Thermowatt control with DISPLAY - VCS gas train versions

model	output [kW]		burner body		pressure [mbar]		gas train			gas governor and filter	
	min	max	head	code	min	max	code	type	∅	code	type
MAX GAS 350 PAB TW	100	350	TC	3143287	18	500	3142375	VCS-240 350/500	1"1/2	3142523	FGDR 1"1/2
					54		3142374	VCS-125 350/500	1"	3142521	FGDR 1"
			TL	3143288	18	500	3142375	VCS-240 350/500	1"1/2	3142523	FGDR 1"1/2
					54		3142374	VCS-125 350/500	1"	3142521	FGDR 1"
MAX GAS 500 PAB TW	120	500	TC	3143289	14	500	3142376	VCS-350 350/500	2"	3142524	FGDR 2"
					18		3142375	VCS-240 350/500	1"1/2	3142523	FGDR 1"1/2
					54		3142374	VCS-125 350/500	1"	3142521	FGDR 1"
			TL	3143290	14	500	3142376	VCS-350 350/500	2"	3142524	FGDR 2"
					18		3142375	VCS-240 350/500	1"1/2	3142523	FGDR 1"1/2
					54		3142374	VCS-125 350/500	1"	3142521	FGDR 1"

Two stages Low NOx class 3 (NOx < 80 mg/kWh) - Siemens control - VCS gas train versions

model	output [kW]		burner body		pressure [mbar]		gas train			gas governor and filter	
	min	max	head	code	min	max	code	type	∅	code	type
MAX GAS 350 PAB	100	350	TC	3142285	18	500	3142375	VCS-240 350/500	1"1/2	3142523	FGDR 1"1/2
					54		3142374	VCS-125 350/500	1"	3142521	FGDR 1"
			TL	3142286	18	500	3142375	VCS-240 350/500	1"1/2	3142523	FGDR 1"1/2
					54		3142374	VCS-125 350/500	1"	3142521	FGDR 1"
MAX GAS 500 PAB	120	500	TC	3142291	14	500	3142376	VCS-350 350/500	2"	3142524	FGDR 2"
					18		3142375	VCS-240 350/500	1"1/2	3142523	FGDR 1"1/2
					54		3142374	VCS-125 350/500	1"	3142521	FGDR 1"
			TL	3142292	14	500	3142376	VCS-350 350/500	2"	3142524	FGDR 2"
					18		3142375	VCS-240 350/500	1"1/2	3142523	FGDR 1"1/2
					54		3142374	VCS-125 350/500	1"	3142521	FGDR 1"

Two stages progressive mechanical Low NOx class 3 (NOx < 80 mg/kWh) - Thermowatt control with DISPLAY

model	output [kW]		burner body		pressure [mbar]		gas train			gas governor and filter	
	min	max	head	code	min	max	code	type	Ø		
MAX GAS 350 PR TW	100	350	TC	3140047	17	360	3142296	MB-DLE 415 350/500	1"1/2	included	
					20		3142295	MB-DLE 412 350/500	1"1/4		
					37		3142665	MB-DLE 410 350/500	1"		
					60		3142392	MB-DLE 407 350/500	3/4"		
			TL	3140048	17	360	3142296	MB-DLE 415 350/500	1"1/2		included
					20		3142295	MB-DLE 412 350/500	1"1/4		
					37		3142665	MB-DLE 410 350/500	1"		
					60		3142392	MB-DLE 407 350/500	3/4"		
MAX GAS 500 PR TW	120	500	TC	3140049	20	360	3142296	MB-DLE 415 350/500	1"1/2	included	
					35		3142295	MB-DLE 412 350/500	1"1/4		
					55		3142665	MB-DLE 410 350/500	1"		
					90		3142392	MB-DLE 407 350/500	3/4"		
			TL	3140050	20	360	3142296	MB-DLE 415 350/500	1"1/2		included
					35		3142295	MB-DLE 412 350/500	1"1/4		
					55		3142665	MB-DLE 410 350/500	1"		
					90		3142392	MB-DLE 407 350/500	3/4"		

Two stages progressive mechanical Low NOx class 3 (NOx < 80 mg/kWh) - Siemens control

model	output [kW]		burner body		pressure [mbar]		gas train			gas governor and filter	
	min	max	head	code	min	max	code	type	Ø		
MAX GAS 350 PR	100	350	TC	3142287	17	360	3142296	MB-DLE 415 350/500	1"1/2	included	
					20		3142295	MB-DLE 412 350/500	1"1/4		
					37		3142665	MB-DLE 410 350/500	1"		
					60		3142392	MB-DLE 407 350/500	3/4"		
			TL	3142288	17	360	3142296	MB-DLE 415 350/500	1"1/2		included
					20		3142295	MB-DLE 412 350/500	1"1/4		
					37		3142665	MB-DLE 410 350/500	1"		
					60		3142392	MB-DLE 407 350/500	3/4"		
MAX GAS 500 PR	120	500	TC	3142293	20	360	3142296	MB-DLE 415 350/500	1"1/2	included	
					35		3142295	MB-DLE 412 350/500	1"1/4		
					55		3142665	MB-DLE 410 350/500	1"		
					90		3142392	MB-DLE 407 350/500	3/4"		
			TL	3142294	20	360	3142296	MB-DLE 415 350/500	1"1/2		included
					35		3142295	MB-DLE 412 350/500	1"1/4		
					55		3142665	MB-DLE 410 350/500	1"		
					90		3142392	MB-DLE 407 350/500	3/4"		

One stage Low NOx class 3 (NOx < 80 mg/kWh) - Thermowatt control - LPG versions

model	output [kW]		burner body		pressure [mbar]		gas train			LPG kit	adapt. kit
	min	max	head	code	min	max	code	type	Ø	code	code
MAX GAS 40 P TW	17	48	TC	3142741	7	65	3141885	MBC 65 DLE	1/2"	3122301	-
			TL	3142742							
MAX GAS 70 P TW	34	70	TC	3142743	15	65	3141885	MBC 65 DLE	1/2"	3122301	-
			TL	3142744							
MAX GAS 105 P TW	49	108	TC	3142745	24	65	3141885	MBC 65 DLE	1/2"	3122301	-
			TL	3142746							
MAX GAS 120 P TW	49	120	TC	3142747	24	65	3141885	MBC 65 DLE	1/2"	3122301	-
			TL	3142748							
MAX GAS 170 P TW	55	170	TC	3142749	23	360	3123560	MB-DLE 405	3/4"	3122302	3122300
			TL	3142750							
MAX GAS 250 P TW	55	240	TC	3142751	34	360	3123560	MB-DLE 405	3/4"	3122302	3122300
			TL	3142752							
MAX GAS 350 P TW	100	350	TC	3143283	33	360	3122392	MB-DLE 407 350/500	3/4"	3142431	-
			TL	3143284							
MAX GAS 500 P TW	120	500	TC	3143285	52	360	3122392	MB-DLE 407 350/500	3/4"	3142431	-
			TL	3143286							

Two stages Low NOx class 3 (NOx < 80 mg/kWh) - Thermowatt control - LPG versions

model	output [kW]		burner body		pressure [mbar]		gas train			LPG kit	adapt. kit
	min	max	head	code	min	max	code	type	Ø	code	code
MAX GAS 170 PAB TW	55	175	TC	3142782	23	360	3123960	MB-ZRDLE 405	3/4"	3122302	3122300
			TL	3142783							
MAX GAS 250 PAB TW	55	240	TC	3142784	34	360	3123960	MB-ZRDLE 405	3/4"	3122302	3122300
			TL	3142785							
MAX GAS 350 PAB TW	100	350	TC	3143287	33	360	3142392	MB-DLE 407 350/500	3/4"	3142431	-
			TL	3143288							
MAX GAS 500 PAB TW	120	500	TC	3143289	52	360	3142392	MB-DLE 407 350/500	3/4"	3142431	-
			TL	3143290							

Two stages Low NOx class 3 (NOx < 80 mg/kWh) - Siemens control - LPG version

model	output [kW]		burner body		pressure [mbar]		gas train			LPG kit	adapt. kit
	min	max	head	code	min	max	code	type	Ø	code	code
MAX GAS 120 PAB	40	120	TC	3123954	15	360	3123960	MB-ZRDLE 405	3/4"	3122301	-
			TL	3123955							
MAX GAS 170 PAB	55	175	TC	3123956	23	360	3123960	MB-ZRDLE 405	3/4"	3122302	3122300
			TL	3123957							
MAX GAS 250 PAB	55	240	TC	3123958	34	360	3123960	MB-ZRDLE 405	3/4"	3122302	3122300
			TL	3123959							
MAX GAS 350 PAB	100	350	TC	3142285	33	360	3142392	MB-DLE 407 350/500	3/4"	3142431	-
			TL	3142286							
MAX GAS 500 PAB	120	500	TC	3142291	52	360	3142392	MB-DLE 407 350/500	3/4"	3142431	-
			TL	3142292							

Two stages progressive mechanical Low NOx class 3 (NOx < 80 mg/kWh) - Thermowatt control - LPG version

model	output [kW]		burner body		pressure [mbar]		gas train			LPG kit	adapt. kit
	min	max	head	code	min	max	code	type	Ø	code	code
MAX GAS 350 PR TW	100	350	TC	3140047	33	360	3142392	MB-DLE 407 350/500	3/4"	3142431	-
			TL	3140048							
MAX GAS 500 PR TW	120	500	TC	3140049	52	360	3142392	MB-DLE 407 350/500	3/4"	3142431	-
			TL	3140050							

Two stages progressive mechanical Low NOx class 3 (NOx < 80 mg/kWh) - Siemens control - LPG version

model	output [kW]		burner body		pressure [mbar]		gas train			LPG kit	adapt. kit
	min	max	head	code	min	max	code	type	Ø	code	code
MAX GAS 350 PR	100	350	TC	3142287	33	360	3142392	MB-DLE 407 350/500	3/4"	3142431	-
			TL	3142288							
MAX GAS 500 PR	120	500	TC	3142293	52	360	3142392	MB-DLE 407 350/500	3/4"	3142431	-
			TL	3142294							

Two stages Low NOx class 3 (NOx < 80 mg/kWh)

model	output [kW]		burner body		silencer	connection pipe	pressure [mbar]		gas train			gas governor and filter		
	min	max	head	code		code	min	max	code	type	Ø	code	type	
BLU 700.1 PAB Low NOx	270	700	TC	3124012	OPT	-	15	500	3141862	VCS 350	2"	3142524	FGDR 2"	
							30		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
							175		3142024	VCS 125	1"	3142521	FGDR 1"	
			TL	3124013	OPT	-	15	500	3141862	VCS 350	2"	3142524	FGDR 2"	
							30		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
							175		3142024	VCS 125	1"	3142521	FGDR 1"	
BLU 1000.1 PAB Low NOx	280	875	TC	3140303	OPT	-	30	500	3141862	VCS 350	2"	3142524	FGDR 2"	
							60		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
							170		3142024	VCS 125	1"	3142521	FGDR 1"	
			TL	3140304	OPT	-	30	500	3141862	VCS 350	2"	3142524	FGDR 2"	
							60		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
							170		3142024	VCS 125	1"	3142521	FGDR 1"	
BLU 1200.1 PAB Low NOx	290	1100	TC	3140309	OPT	-	20	500	3123860	VGDR 20.503	2"	3121384	Filter 2"	
							30		3141862	VCS 350	2"	3142524	FGDR 2"	
							65		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
			TL	3140310	OPT	-	20	500	3123860	VGDR 20.503	2"	3121384	Filter 2"	
							30		3141862	VCS 350	2"	3142524	FGDR 2"	
							65		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
BLU 1500.1 PAB Low NOx	300	1550	TC	3140312	OPT	3141842	30	500	3124110	VGDR 40.065	2"1/2	3124111	Filter 2"1/2	
						3142076	40		3123860	VGDR 20.503	2"	3121384	Filter 2"	
						-	60		3141862	VCS 350	2"	3142524	FGDR 2"	
			TL	3140313	OPT	-	130	500	3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
							3141842		30	3124110	VGDR 40.065	2"1/2	3124111	Filter 2"1/2
							3142076		40	3123860	VGDR 20.503	2"	3121384	Filter 2"
							-		60	3141862	VCS 350	2"	3142524	FGDR 2"
							130		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
							-		130	3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2

Two stages

model	output [kW]		burner body		silencer	connection pipe	pressure [mbar]		gas train			gas governor and filter	
	min	max	head	code		code	min	max	code	type	Ø	code	type
BLU 1000.1 PAB	245	970	TC	3124014	OPT	-	25	500	3141862	VCS 350	2"	3142524	FGDR 2"
							55		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
							165		3142024	VCS 125	1"	3142523	FGDR 1"1/2
			TL	3124015	OPT	-	25	500	3141862	VCS 350	2"	3142524	FGDR 2"
							55		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
							165		3142024	VCS 125	1"	3142523	FGDR 1"1/2
BLU 1200.1 PAB	260	1200	TC	3124016	OPT	-	25	500	3123860	VDG 20.503	2"	3121384	Filter 2"
							35		3141862	VCS 350	2"	3142524	FGDR 2"
							80		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
			TL	3124017	OPT	-	25	500	3123860	VDG 20.503	2"	3121384	Filter 2"
							35		3141862	VCS 350	2"	3142524	FGDR 2"
							80		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
BLU 1700.1 PAB	342	1770	TC	3140326	OPT	3142069	20	500	3142026	VDG 40.080	DN80	3142088	Filter DN80
						3142074	45		3123860	VDG 20.503	2"	3121384	Filter 2"
							65		3141862	VCS 350	2"	3142524	FGDR 2"
							150		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
			TL	3140327	OPT	3142069	20	500	3142026	VDG 40.080	DN80	3142088	Filter DN80
						3142074	45		3123860	VDG 20.503	2"	3121384	Filter 2"
							65		3141862	VCS 350	2"	3142524	FGDR 2"
							150		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
BLU 2000.1 PAB	414	2150	TC	3140330	OPT	3142069	23	500	3142026	VDG 40.080	DN80	3142088	Filter DN80
						3142197	35		3124110	VDG 40.065	2"1/2	3124111	Filter DN65
						3142074	60		3123860	VDG 20.503	2"	3121384	Filter 2"
							90		3141862	VCS 350	2"	3142524	FGDR 2"
							220		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
			TL	3140331	OPT	3142069	23	500	3142026	VDG 40.080	DN80	3142088	Filter DN80
						3142197	35		3124110	VDG 40.065	2"1/2	3124111	Filter DN65
						3142074	60		3123860	VDG 20.503	2"	3121384	Filter 2"
							90		3141862	VCS 350	2"	3142524	FGDR 2"
							220		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2

Two stages progressive mechanical Low NOx class 3 (NOx < 80 mg/kWh)

model	output [kW]		burner body		silencer	connection pipe	pressure [mbar]		gas train			gas governor and filter		
	min	max	head	code		code	min	max	code	type	Ø	code	type	
BLU 700.1 PR Low NOx	270	700	TC	3124030	OPT	-	15	500	3141862	VCS 350	2"	3142524	FGDR 2"	
							30		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
							175		3142024	VCS 125	1"	3142521	FGDR 1"	
			TL	3123886	OPT	-	15	500	3141862	VCS 350	2"	3142524	FGDR 2"	
							30		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
							175		3142024	VCS 125	1"	3142521	FGDR 1"	
BLU 1000.1 PR Low NOx	280	875	TC	3142587	OPT	-	30	500	3141862	VCS 350	2"	3142524	FGDR 2"	
							60		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
							170		3142024	VCS 125	1"	3142521	FGDR 1"1/2	
			TL	3140391	OPT	-	30	500	3141862	VCS 350	2"	3142524	FGDR 2"	
							60		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
							170		3142024	VCS 125	1"	3142521	FGDR 1"1/2	
BLU 1200.1 PR Low NOx	290	1100	TC	3140396	OPT	-	20	500	3123860	VDG 20.503	2"	3121384	Filter 2"	
							30		3141862	VCS 350	2"	3142524	FGDR 2"	
							65		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
			TL	3140397	OPT	-	20	500	3123860	VDG 20.503	2"	3121384	Filter 2"	
							30		3141862	VCS 350	2"	3142524	FGDR 2"	
							65		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
BLU 1500.1 PR Low NOx	300	1550	TC	3124109	OPT	3141842	500	30	3124110	VDG 40.065	2"1/2	3124111	Filter 2"1/2	
						3142076		40	3123860	VDG 20.503	2"	3121384	Filter 2"	
						-		60	3141862	VCS 350	2"	3142524	FGDR 2"	
			TL	3140400	OPT	-	130	500	3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
							3141842		30	3124110	VDG 40.065	2"1/2	3124111	Filter 2"1/2
							3142076		40	3123860	VDG 20.503	2"	3121384	Filter 2"
							-		60	3141862	VCS 350	2"	3142524	FGDR 2"
							130		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
							-		130	3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2

Two stages progressive electronic Low NOx class 3 (NOx < 80 mg/kWh) - Lamtec control

model	output [kW]		burner body		silencer	connection pipe	pressure [mbar]		gas train			gas governor and filter	
	min	max	head	code		code	min	max	code	type	Ø	code	type
BLU 700.1 PRE Low NOx	270	700	TC	3143986	OPT	-	15	500	3144276	VCS 350	2"	3142524	FGDR 2"
							30		3144275	VCS 240	1"1/2	3142523	FGDR 1"1/2
							175		3144274	VCS 125	1"	3142521	FGDR 1"
			TL	3143987	OPT	-	15	500	3144276	VCS 350	2"	3142524	FGDR 2"
							30		3144275	VCS 240	1"1/2	3142523	FGDR 1"1/2
							175		3144274	VCS 125	1"	3142521	FGDR 1"
BLU 1000.1 PRE Low NOx	280	875	TC	3143992	OPT	-	30	500	3144276	VCS 350	2"	3142524	FGDR 2"
							60		3144275	VCS 240	1"1/2	3142523	FGDR 1"1/2
							170		3144274	VCS 125	1"	3142521	FGDR 1"1/2
			TL	3143993	OPT	-	30	500	3144276	VCS 350	2"	3142524	FGDR 2"
							60		3144275	VCS 240	1"1/2	3142523	FGDR 1"1/2
							170		3144274	VCS 125	1"	3142521	FGDR 1"1/2
BLU 1200.1 PRE Low NOx	290	1100	TC	3143998	OPT	-	20	500	3144277	VDG 20.503	2"	3121384	Filter 2"
							30		3144276	VCS 350	2"	3142524	FGDR 2"
							65		3144275	VCS 240	1"1/2	3142523	FGDR 1"1/2
			TL	3144000	OPT	-	20	500	3144277	VDG 20.503	2"	3121384	Filter 2"
							30		3144276	VCS 350	2"	3142524	FGDR 2"
							65		3144275	VCS 240	1"1/2	3142523	FGDR 1"1/2
BLU 1500.1 PRE Low NOx	300	1550	TC	3144005	OPT	3141842	500	3144278	VDG 40.065	2"1/2	3124111	Filter 2"1/2	
						3142076		3144277	VDG 20.503	2"	3121384	Filter 2"	
						-		3144276	VCS 350	2"	3142524	FGDR 2"	
						-		3144275	VCS 240	1"1/2	3142523	FGDR 1"1/2	
						3141842		3144278	VDG 40.065	2"1/2	3124111	Filter 2"1/2	
						3142076		3144277	VDG 20.503	2"	3121384	Filter 2"	
			TL	3144006	OPT	-	60	500	3144276	VCS 350	2"	3142524	FGDR 2"
							130		3144275	VCS 240	1"1/2	3142523	FGDR 1"1/2

Two stages progressive mechanical

model	output [kW]		burner body		silencer	connection pipe	pressure [mbar]		gas train			gas governor and filter	
	min	max	head	code		code	min	max	code	type	Ø	code	type
BLU 1000.1 PR	245	970	TC	3124031	OPT	-	25	500	3141862	VCS 350	2"	3142524	FGDR 2"
							55		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
							165		3142024	VCS 125	1"	3142523	FGDR 1"1/2
			TL	3124032	OPT	-	25	500	3141862	VCS 350	2"	3142524	FGDR 2"
							55		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
							165		3142024	VCS 125	1"	3142523	FGDR 1"1/2
BLU 1200.1 PR	260	1200	TC	3124033	OPT	-	25	500	3123860	VDG 20.503	2"	3121384	Filter 2"
							35		3141862	VCS 350	2"	3142524	FGDR 2"
							80		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
			TL	3124034	OPT	-	25	500	3123860	VDG 20.503	2"	3121384	Filter 2"
							35		3141862	VCS 350	2"	3142524	FGDR 2"
							80		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
BLU 1700.1 PR	342	1770	TC	3140401	OPT	3142069	500	20	3142026	VDG 40.080	DN80	3142088	Filter DN80
						3142074		45	3123860	VDG 20.503	2"	3121384	Filter 2"
								65	3141862	VCS 350	2"	3142524	FGDR 2"
								150	3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
			TL	3140402	OPT	3142069	500	20	3142026	VDG 40.080	DN80	3142088	Filter DN80
						3142074		45	3123860	VDG 20.503	2"	3121384	Filter 2"
								65	3141862	VCS 350	2"	3142524	FGDR 2"
								150	3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
BLU 2000.1 PR	414	2150	TC	3140403	OPT	3142069	500	23	3142026	VDG 40.080	DN80	3142088	Filter DN80
						3142197		35	3124110	VDG 40.065	DN65	3124111	Filter DN65
						3142074		60	3123860	VDG 20.503	2"	3121384	Filter 2"
								90	3141862	VCS 350	2"	3142524	FGDR 2"
								220	3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
			TL	3140404	OPT	3142069	500	23	3142026	VDG 40.080	DN80	3142088	Filter DN80
						3142197		35	3124110	VDG 40.065	DN65	3124111	Filter DN65
						3142074		60	3123860	VDG 20.503	2"	3121384	Filter 2"
								90	3141862	VCS 350	2"	3142524	FGDR 2"
								220	3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2

Two stages progressive electronic - Lamtec control

model	output [kW]		burner body		silencer	connection pipe	pressure [mbar]		gas train			gas governor and filter	
	min	max	head	code		code	min	max	code	type	Ø	code	type
BLU 1000.1 PRE	245	970	TC	3144049	OPT	-	25	500	3144276	VCS 350	2"	3142524	FGDR 2"
							55		3144275	VCS 240	1"1/2	3142523	FGDR 1"1/2
							165		3144274	VCS 125	1"	3142523	FGDR 1"1/2
			TL	3144050	OPT	-	25	500	3144276	VCS 350	2"	3142524	FGDR 2"
							55		3144275	VCS 240	1"1/2	3142523	FGDR 1"1/2
							165		3144274	VCS 125	1"	3142523	FGDR 1"1/2
BLU 1200.1 PRE	260	1200	TC	3144051	OPT	-	25	500	3144277	VDG 20.503	2"	3121384	Filter 2"
							35		3144276	VCS 350	2"	3142524	FGDR 2"
							80		3144275	VCS 240	1"1/2	3142523	FGDR 1"1/2
			TL	3144052	OPT	-	25	500	3144277	VDG 20.503	2"	3121384	Filter 2"
							35		3144276	VCS 350	2"	3142524	FGDR 2"
							80		3144275	VCS 240	1"1/2	3142523	FGDR 1"1/2
BLU 1700.1 PRE	342	1770	TC	3144229	OPT	3142069	20	500	3144279	VDG 40.080	DN80	3142088	Filter DN80
						3142074	45		3144277	VDG 20.503	2"	3121384	Filter 2"
							65		3144276	VCS 350	2"	3142524	FGDR 2"
							150		3144275	VCS 240	1"1/2	3142523	FGDR 1"1/2
			TL	3144230	OPT	3142069	20	500	3144279	VDG 40.080	DN80	3142088	Filter DN80
						3142074	45		3144277	VDG 20.503	2"	3121384	Filter 2"
							65		3144276	VCS 350	2"	3142524	FGDR 2"
							150		3144275	VCS 240	1"1/2	3142523	FGDR 1"1/2
BLU 2000.1 PRE	414	2150	TC	3144231	OPT	3142069	23	500	3144279	VDG 40.080	DN80	3142088	Filter DN80
						3142197	35		3144278	VDG 40.065	DN65	3124111	Filter DN65
						3142074	60		3144277	VDG 20.503	2"	3121384	Filter 2"
							90		3144276	VCS 350	2"	3142524	FGDR 2"
							220		3144275	VCS 240	1"1/2	3142523	FGDR 1"1/2
			TL	3144232	OPT	3142069	23	500	3144279	VDG 40.080	DN80	3142088	Filter DN80
						3142197	35		3144278	VDG 40.065	DN65	3124111	Filter DN65
						3142074	60		3144277	VDG 20.503	2"	3121384	Filter 2"
							90		3144276	VCS 350	2"	3142524	FGDR 2"
							220		3144275	VCS 240	1"1/2	3142523	FGDR 1"1/2

Two stages - MultiBloc gas train

model	output [kW]		burner body		silencer	connection pipe		pressure [mbar]		gas train			gas governor and filter	
	min	max	head	code		code	min	max	code	type	Ø			
BLU 700.1 PAB Low NOx	270	700	TC	3124012	OPT	-	-	17	360	3141847	MB-DLE 420	2"	included	
								25		3141846	MB-DLE 415	1" 1/2		
								75		3142022	MB-DLE 410	1"		
			TL	3124013	OPT	-	-	-	17	360	3141847	MB-DLE 420	2"	included
									25		3141846	MB-DLE 415	1" 1/2	
									75		3142022	MB-DLE 410	1"	
BLU 1000.1 PAB Low NOx	280	875	TC	3140303	OPT	-	-	35	360	3141847	MB-DLE 420	2"	included	
								40		3141846	MB-DLE 415	1" 1/2		
								75		3141845	MB-DLE 412	1" 1/4		
			TL	3140304	OPT	-	-	-	35	360	3141847	MB-DLE 420	2"	included
									40		3141846	MB-DLE 415	1" 1/2	
									75		3141845	MB-DLE 412	1" 1/4	
BLU 1200.1 PAB Low NOx	290	1100	TC	3140309	OPT	-	-	35	360	3141847	MB-DLE 420	2"	included	
								45		3141846	MB-DLE 415	1" 1/2		
								85		3141845	MB-DLE 412	1" 1/4		
			TL	3140310	OPT	-	-	-	35	360	3141847	MB-DLE 420	2"	included
									45		3141846	MB-DLE 415	1" 1/2	
									85		3141845	MB-DLE 412	1" 1/4	
BLU 1500.1 PAB Low NOx	300	1550	TC	3140312	OPT	-	3142076	60	360	3141847	MB-DLE 420	2"	included	
								70		3141846	MB-DLE 415	1" 1/2		
								TL		3140313	OPT	-		3142076
			70	3141846	MB-DLE 415	1" 1/2								
			70	3141846	MB-DLE 415	1" 1/2								
			BLU 1000.1 PAB	245	970	TC	3124014	OPT	-	-	27	360	3141847	MB-DLE 420
35	3141846	MB-DLE 415									1" 1/2			
75	3141845	MB-DLE 412									1" 1/4			
TL	3124015	OPT				-	-	-	27	360	3141847	MB-DLE 420	2"	included
									35		3141846	MB-DLE 415	1" 1/2	
									75		3141845	MB-DLE 412	1" 1/4	
BLU 1200.1 PAB	260	1200	TC	3124016	OPT	-	-	40	360	3141847	MB-DLE 420	2"	included	
								50		3141846	MB-DLE 415	1" 1/2		
								100		3141845	MB-DLE 412	1" 1/4		
			TL	3124017	OPT	-	-	-	40	360	3141847	MB-DLE 420	2"	included
									50		3141846	MB-DLE 415	1" 1/2	
									100		3141845	MB-DLE 412	1" 1/4	

BLU 1700.1 PAB	342	1770	TC	3140326	OPT	3142074	60	360	3141847	MB-DLE 420	2"	included	
							85		3141846	MB-DLE 415	1" 1/2		
			TL	3140327	OPT	3142074	60	360	3141847	MB-DLE 420	2"		included
							85		3141846	MB-DLE 415	1" 1/2		
BLU 2000.1 PAB	414	2150	TC	3140330	OPT	3142074	75	360	3141847	MB-DLE 420	2"	included	
							100		3141846	MB-DLE 415	1" 1/2		
			TL	3140331	OPT	3142074	75	360	3141847	MB-DLE 420	2"		included
							100		3141846	MB-DLE 415	1" 1/2		

Two stages progressive mechanical - MultiBloc gas train

model	output [kW]		burner body		silencer	connection pipe		pressure [mbar]		gas train			gas governor and filter
	min	max	head	code		code	min	max	code	type	Ø		
BLU 700.1 PR Low NOx	270	700	TC	3124030	OPT	-	17	360	3141847	MB-DLE 420	2"	included	
							25		3141846	MB-DLE 415	1" 1/2		
							75		3142022	MB-DLE 410	1"		
			TL	3123886	OPT	-	17	360	3141847	MB-DLE 420	2"		included
							25		3141846	MB-DLE 415	1" 1/2		
							75		3142022	MB-DLE 410	1"		
BLU 1000.1 PR Low NOx	280	875	TC	3142587	OPT	-	35	360	3141847	MB-DLE 420	2"	included	
							40		3141846	MB-DLE 415	1" 1/2		
							75		3141845	MB-DLE 412	1" 1/4		
			TL	3140391	OPT	-	35	360	3141847	MB-DLE 420	2"		included
							40		3141846	MB-DLE 415	1" 1/2		
							75		3141845	MB-DLE 412	1" 1/4		
BLU 1200.1 PR Low NOx	290	1100	TC	3140396	OPT	-	35	360	3141847	MB-DLE 420	2"	included	
							45		3141846	MB-DLE 415	1" 1/2		
							85		3141845	MB-DLE 412	1" 1/4		
			TL	3140397	OPT	-	35	360	3141847	MB-DLE 420	2"		included
							45		3141846	MB-DLE 415	1" 1/2		
							85		3141845	MB-DLE 412	1" 1/4		
BLU 1500.1 PR Low NOx	300	1550	TC	3124109	OPT	3142076	60	360	3141847	MB-DLE 420	2"	included	
							70		3141846	MB-DLE 415	1" 1/2		
			TL	3140400	OPT	3142076	60	360	3141847	MB-DLE 420	2"		
							70		3141846	MB-DLE 415	1" 1/2		

Two stages progressive electronic - Lamtec control - MultiBloc gas train

model	output [kW]		burner body		silencer	connection pipe	pressure [mbar]		gas train			gas governor and filter
	min	max	head	code		code	min	max	code	type	Ø	
BLU 700.1 PRE Low NOx	270	700	TC	3143986	OPT	-	17	360	3144273	MB-DLE 420	2"	included
							25		3144272	MB-DLE 415	1" 1/2	
							75		3144270	MB-DLE 410	1"	
			TL	3143987	OPT	-	17	360	3144273	MB-DLE 420	2"	included
							25		3144272	MB-DLE 415	1" 1/2	
							75		3144270	MB-DLE 410	1"	
BLU 1000.1 PRE Low NOx	280	875	TC	3143992	OPT	-	35	360	3144273	MB-DLE 420	2"	included
							40		3144272	MB-DLE 415	1" 1/2	
							75		3144271	MB-DLE 412	1" 1/4	
			TL	3143993	OPT	-	35	360	3144273	MB-DLE 420	2"	included
							40		3144272	MB-DLE 415	1" 1/2	
							75		3144271	MB-DLE 412	1" 1/4	
BLU 1200.1 PRE Low NOx	290	1100	TC	3143998	OPT	-	35	360	3144273	MB-DLE 420	2"	included
							45		3144272	MB-DLE 415	1" 1/2	
							85		3144271	MB-DLE 412	1" 1/4	
			TL	3144000	OPT	-	35	360	3144273	MB-DLE 420	2"	included
							45		3144272	MB-DLE 415	1" 1/2	
							85		3144271	MB-DLE 412	1" 1/4	
BLU 1500.1 PRE Low NOx	300	1550	TC	3144005	OPT	3142076	60	360	3144273	MB-DLE 420	2"	included
							70		3144272	MB-DLE 415	1" 1/2	
			TL	3144006	OPT	3142076	60	360	3144273	MB-DLE 420	2"	included
							70		3144272	MB-DLE 415	1" 1/2	
BLU 1000.1 PRE	245	970	TC	3144049	OPT	-	27	360	3144273	MB-DLE 420	2"	included
							35		3144272	MB-DLE 415	1" 1/2	
							75		3144271	MB-DLE 412	1" 1/4	
			TL	3144050	OPT	-	27	360	3144273	MB-DLE 420	2"	included
							35		3144272	MB-DLE 415	1" 1/2	
							75		3144271	MB-DLE 412	1" 1/4	
BLU 1200.1 PRE	260	1200	TC	3144051	OPT	-	40	360	3144273	MB-DLE 420	2"	included
							50		3144272	MB-DLE 415	1" 1/2	
							100		3144271	MB-DLE 412	1" 1/4	
			TL	3144052	OPT	-	40	360	3144273	MB-DLE 420	2"	included
							50		3144272	MB-DLE 415	1" 1/2	
							100		3144271	MB-DLE 412	1" 1/4	

BLU 1700.1 PRE	342	1770	TC	3144229	OPT	3142074	60	360	3144273	MB-DLE 420	2"	included	
							85		3144272	MB-DLE 415	1" 1/2		
			TL	3144230	OPT	3142074	60	360	3144273	MB-DLE 420	2"		included
							85		3144272	MB-DLE 415	1" 1/2		
BLU 2000.1 PRE	414	2150	TC	3144231	OPT	3142074	75	360	3144273	MB-DLE 420	2"	included	
							100		3144272	MB-DLE 415	1" 1/2		
			TL	3144232	OPT	3142074	75	360	3144273	MB-DLE 420	2"		included
							100		3144272	MB-DLE 415	1" 1/2		

Two stages progressive mechanical

model	output [kW]		burner body		silencer	connection pipe		pressure [mbar]		gas train (§)			gas governor and filter	
	min	max	head	code		code	min	max	code	type	Ø	code	type	
BLU 3000.1 PR	630	3000	TC	3141753	OPT	3142069+ 3142073	22	500	3141869	VGD 40.100	DN100	3142205	Filter DN100	
						3142069	35		3142026	VGD 40.080	DN80	3142088	Filter DN80	
						3142197	55		3124110	VGD 40.065	DN65	3124111	Filter DN65	
						3142075	100		3123860	VGD 20.503	2"	3121384	Filter 2"	
			TL	3141754	OPT	3142069+ 3142073	22	500	3141869	VGD 40.100	DN100	3142205	Filter DN100	
						3142069	35		3142026	VGD 40.080	DN80	3142088	Filter DN80	
						3142197	55		3124110	VGD 40.065	DN65	3124111	Filter DN65	
						3142075	100		3123860	VGD 20.503	2"	3121384	Filter 2"	
BLU 4000.1 PR	875	3900	TC	3141756	OPT	3142069+ 3142073	30	500	3141869	VGD 40.100	DN100	3142205	Filter DN100	
						3142069	50		3142026	VGD 40.080	DN80	3142088	Filter DN80	
						3142197	90		3124110	VGD 40.065	DN65	3124111	Filter DN65	
						3142075	170		3123860	VGD 20.503	2"	3121384	Filter 2"	
			TL	3141757	OPT	3142069+ 3142073	30	500	3141869	VGD 40.100	DN100	3142205	Filter DN100	
						3142069	50		3142026	VGD 40.080	DN80	3142088	Filter DN80	
						3142197	90		3124110	VGD 40.065	DN65	3124111	Filter DN65	
						3142075	170		3123860	VGD 20.503	2"	3121384	Filter 2"	

§ VGD Siemens: default blank spring, head pressure 0...22 mbar; from BLU 3000.1 change spring and damping (see pag. 49)

BLU 5000.1 PR	1200	5000	TC	3141758	OPT	3142198	35	500	3142666	VGD 40.125	DN125	3142206	Filter DN125
						3142070+ 3142073	45		3141869	VGD 40.100	DN100	3142205	Filter DN100
						3142070	75		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142071	140		3124110	VGD 40.065	DN65	3124111	Filter DN65
						3142075	250		3123860	VGD 20.503	2"	3121384	Filter 2"
	TL	3141759	OPT	3142198	35	500	3142666	VGD 40.125	DN125	3142206	Filter DN125		
				3142070+ 3142073	45		3141869	VGD 40.100	DN100	3142205	Filter DN100		
				3142070	75		3142026	VGD 40.080	DN80	3142088	Filter DN80		
				3142071	140		3124110	VGD 40.065	DN65	3124111	Filter DN65		
				3142075	250		3123860	VGD 20.503	2"	3121384	Filter 2"		
BLU 6000.1 PR	1500	5800	TC	3141761	OPT	3142198	50	500	3142666	VGD 40.125	DN125	3142206	Filter DN125
						3142070+ 3142073	60		3141869	VGD 40.100	DN100	3142205	Filter DN100
						3142070	100		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142071	180		3124110	VGD 40.065	DN65	3124111	Filter DN65
						3142075	340		3123860	VGD 20.503	2"	3121384	Filter 2"
	TL	3141762	OPT	3142198	50	500	3142666	VGD 40.125	DN125	3142206	Filter DN125		
				3142070+ 3142073	60		3141869	VGD 40.100	DN100	3142205	Filter DN100		
				3142070	100		3142026	VGD 40.080	DN80	3142088	Filter DN80		
				3142071	180		3124110	VGD 40.065	DN65	3124111	Filter DN65		
				3142075	340		3123860	VGD 20.503	2"	3121384	Filter 2"		
BLU 7000.1 PR	1500	7500	TC	3143747	OPT	3142422+ 3142425	60	500	3142666	VGD 40.125	DN125	3142206	Filter DN125
						3142422	75		3141869	VGD 40.100	DN100	3142205	Filter DN100
						3142424	140		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142423	280		3124110	VGD 40.065	DN65	3124111	Filter DN65
BLU 8000.1 PR	2000	8500	TC	3143748	OPT	3142422+ 3142425	85	500	3142666	VGD 40.125	DN125	3142206	Filter DN125
						3142422	110		3141869	VGD 40.100	DN100	3142205	Filter DN100
						3142424	210		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142423	410		3124110	VGD 40.065	DN65	3124111	Filter DN65
BLU 10000.1 PR	2500	10500	TC	3143749	OPT	3142422+ 3142425	115	500	3142666	VGD 40.125	DN125	3142206	Filter DN125
						3142422	165		3141869	VGD 40.100	DN100	3142205	Filter DN100
						3142424	290		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142423	550		3124110	VGD 40.065	DN65	3124111	Filter DN65

§ VGD Siemens: default blank spring, head pressure 0...22 mbar; from BLU 3000.1 change spring and damping (see pag. 49)

BLU 12000.1 PR	2700	13000	TC	3143750	OPT	3142422+ 3142425	175	500	3142666	VDG 40.125	DN125	3142206	Filter DN125
						3142422	230		3141869	VDG 40.100	DN100	3142205	Filter DN100
						3142424	420		3142026	VDG 40.080	DN80	3142088	Filter DN80
BLU 15000.1 PR	3690	15000	TC	3143751	OPT	3142422+ 3142425	150	500	3142666	VDG 40.125	DN125	3142206	Filter DN125
						3142422	230		3141869	VDG 40.100	DN100	3142205	Filter DN100
						3142424	450		3142026	VDG 40.080	DN80	3142088	Filter DN80
BLU 18000.1 PR	4000	17000	TC	3143752	OPT	3142422+ 3142425	210	500	3142666	VDG 40.125	DN125	3142206	Filter DN125
						3142422	330		3141869	VDG 40.100	DN100	3142205	Filter DN100

Two stages progressive electronic - Lamtec control

model	output [kW]		burner body		silencer	connection pipe	pressure [mbar]		gas train (§)			gas governor and filter	
	min	max	head	code		code	min	max	code	type	∅	code	type
BLU 3000.1 PRE	630	3000	TC	3144233	OPT	3142069+ 3142073	22	500	3144280	VDG 40.100	DN100	3142205	Filter DN100
						3142069	35		3144279	VDG 40.080	DN80	3142088	Filter DN80
						3142197	55		3144278	VDG 40.065	DN65	3124111	Filter DN65
						3142075	100		3144277	VDG 20.503	2"	3121384	Filter 2"
			TL	3144234	OPT	3142069+ 3142073	22	500	3144280	VDG 40.100	DN100	3142205	Filter DN100
						3142069	35		3144279	VDG 40.080	DN80	3142088	Filter DN80
						3142197	55		3144278	VDG 40.065	DN65	3124111	Filter DN65
						3142075	100		3144277	VDG 20.503	2"	3121384	Filter 2"
BLU 4000.1 PRE	875	3900	TC	3144235	OPT	3142069+ 3142073	30	500	3144280	VDG 40.100	DN100	3142205	Filter DN100
						3142069	50		3144279	VDG 40.080	DN80	3142088	Filter DN80
						3142197	90		3144278	VDG 40.065	DN65	3124111	Filter DN65
						3142075	170		3144277	VDG 20.503	2"	3121384	Filter 2"
			TL	3144236	OPT	3142069+ 3142073	30	500	3144280	VDG 40.100	DN100	3142205	Filter DN100
						3142069	50		3144279	VDG 40.080	DN80	3142088	Filter DN80
						3142197	90		3144278	VDG 40.065	DN65	3124111	Filter DN65
						3142075	170		3144277	VDG 20.503	2"	3121384	Filter 2"

§ VGD Siemens: default blank spring, head pressure 0...22 mbar; from BLU 3000.1 change spring and damping (see pag. 49)

BLU 5000.1 PRE	1200	5000	TC	3144237	OPT	3142198	35	500	3144282	VGD 40.125	DN125	3142206	Filter DN125
						3142070+ 3142073	45		3144280	VGD 40.100	DN100	3142205	Filter DN100
						3142070	75		3144279	VGD 40.080	DN80	3142088	Filter DN80
						3142071	140		3144278	VGD 40.065	DN65	3124111	Filter DN65
						3142075	250		3144277	VGD 20.503	2"	3121384	Filter 2"
	TL	3144238	OPT	3142198	35	500	3144282	VGD 40.125	DN125	3142206	Filter DN125		
				3142070+ 3142073	45		3144280	VGD 40.100	DN100	3142205	Filter DN100		
				3142070	75		3144279	VGD 40.080	DN80	3142088	Filter DN80		
				3142071	140		3144278	VGD 40.065	DN65	3124111	Filter DN65		
				3142075	250		3144277	VGD 20.503	2"	3121384	Filter 2"		
BLU 6000.1 PRE	1500	5800	TC	3144239	OPT	3142198	50	500	3144282	VGD 40.125	DN125	3142206	Filter DN125
						3142070+ 3142073	60		3144280	VGD 40.100	DN100	3142205	Filter DN100
						3142070	100		3144279	VGD 40.080	DN80	3142088	Filter DN80
						3142071	180		3144278	VGD 40.065	DN65	3124111	Filter DN65
						3142075	340		3144277	VGD 20.503	2"	3121384	Filter 2"
	TL	3144240	OPT	3142198	50	500	3144282	VGD 40.125	DN125	3142206	Filter DN125		
				3142070+ 3142073	60		3144280	VGD 40.100	DN100	3142205	Filter DN100		
				3142070	100		3144279	VGD 40.080	DN80	3142088	Filter DN80		
				3142071	180		3144278	VGD 40.065	DN65	3124111	Filter DN65		
				3142075	340		3144277	VGD 20.503	2"	3121384	Filter 2"		
BLU 7000.1 PRE	1500	7500	TC	on request	OPT	3142422+ 3142425	60	500	3144282	VGD 40.125	DN125	3142206	Filter DN125
						3142422	75		3144280	VGD 40.100	DN100	3142205	Filter DN100
						3142424	140		3144279	VGD 40.080	DN80	3142088	Filter DN80
						3142423	280		3144278	VGD 40.065	DN65	3124111	Filter DN65
BLU 8000.1 PRE	2000	8500	TC	on request	OPT	3142422+ 3142425	85	500	3144282	VGD 40.125	DN125	3142206	Filter DN125
						3142422	110		3144280	VGD 40.100	DN100	3142205	Filter DN100
						3142424	210		3144279	VGD 40.080	DN80	3142088	Filter DN80
						3142423	410		3144278	VGD 40.065	DN65	3124111	Filter DN65
BLU 10000.1 PRE	2500	10500	TC	on request	OPT	3142422+ 3142425	115	500	3144282	VGD 40.125	DN125	3142206	Filter DN125
						3142422	165		3144280	VGD 40.100	DN100	3142205	Filter DN100
						3142424	290		3144279	VGD 40.080	DN80	3142088	Filter DN80
						3142423	550		3144278	VGD 40.065	DN65	3124111	Filter DN65

§ VGD Siemens: default blank spring, head pressure 0...22 mbar; from BLU 3000.1 change spring and damping (see pag. 49)

BLU 12000.1 PRE	2700	13000	TC	on request	OPT	3142422+ 3142425	175	500	3144282	VDG 40.125	DN125	3142206	Filter DN125
						3142422	230		3144280	VDG 40.100	DN100	3142205	Filter DN100
						3142424	420		3144279	VDG 40.080	DN80	3142088	Filter DN80
BLU 15000.1 PRE	3690	15000	TC	on request	OPT	3142422+ 3142425	150	500	3144282	VDG 40.125	DN125	3142206	Filter DN125
						3142422	230		3144280	VDG 40.100	DN100	3142205	Filter DN100
						3142424	450		3144279	VDG 40.080	DN80	3142088	Filter DN80
BLU 18000.1 PRE	4000	17000	TC	on request	OPT	3142422+ 3142425	210	500	3144282	VDG 40.125	DN125	3142206	Filter DN125
						3142422	330		3144280	VDG 40.100	DN100	3142205	Filter DN100

§ VGD Siemens: default blank spring, head pressure 0...22 mbar; from BLU 3000.1 change spring and damping (see pag. 49)

One stage Low NOx class 3 (NOx < 120 mg/kWh) - Thermowatt control - B10

model	output [kW]		flow rate [kg/h]		head	code
	min	max	min	max		
MAX 1 Low NOx TW	17,6	35,5	1,5	3	TC	3142713
MAX 4 Low NOx TW	22,5	47,4	1,9	4	TC	3142722

One stage class 2 (NOx < 185 mg/kWh) - Thermowatt control - B10

model	output [kW]		flow rate [kg/h]		head	code
	min	max	min	max		
MAX 1 TW	17,6	41,4	1,5	3,5	TC	3142709
					TL	3142710
MAX 4 TW	20	59	1,7	5	TC	3142714
					TL	3142715
MAX 8 TW	47	105	4	8,9	TC	3142716
					TL	3142717
MAX 12 TW	60	130	5,1	11	TC	3142718
					TL	3142719
MAX 15 TW	73,4	190	6,2	16	TC	3142729
					TL	3142730
MAX 20 TW	86,4	237	7,3	20	TC	3142731
					TL	3142732
MAX 30 TW	110	319	9,3	27	TC	3142733
					TL	3142734

One stage with pre-heater versions (NOx < 185 mg/kWh) - Thermowatt control - B10

model	output [kW]		flow rate [kg/h]		head	code
	min	max	min	max		
MAX 1 R TW	20	39	1,5	3,5	TC	3142711
					TL	3142712
MAX 4 R TW	20	59	1,7	5	TC	3142720
					TL	3142721

Two stages hydraulic system class 2 (NOx < 185 mg/kWh) - Siemens control

model	output [kW]		flow rate [kg/h]		head	code
	min	max	min	max		
MAX P 12 AB HS	60	130	5,1	11	TC	3124094
					TL	3124095
MAX P 15 AB HS	77	190	6,5	16	TC	3122708
					TL	3122709
MAX P 25 AB HS	102	300	8,6	25,4	TC	3122710
					TL	3122274
MAX P 35 AB HS	166	427	14	36	TC	3142301
					TL	3142302
MAX P 45 AB HS	202	546	17	46	TC	3142305
					TL	3142306

Two stages class 2 (NOx < 185 mg/kWh) - Siemens control

model	output [kW]		flow rate [kg/h]		head	code
	min	max	min	max		
MAX P 35 AB	166	427	14	36	TC	3142299
					TL	3142300
MAX P 45 AB	202	546	17	46	TC	3142303
					TL	3142304

One stage class 2 (NOx < 185 mg/kWh) - Thermowatt control - HIGH TEMPERATURE / CONTINUOUS VENTILATION

model	output [kW]		flow rate [kg/h]		head	code
	min	max	min	max		
MAX 1 HT CV TW	17,6	41,4	1,5	3,5	TC	on request
					TL	on request
MAX 4 HT CV TW	20	59	1,7	5	TC	3144063
					TL	on request
MAX 8 HT CV TW	47	105	4	8,9	TC	on request
					TL	3144064
MAX 12 HT CV TW	60	130	5,1	11	TC	on request
					TL	on request
MAX 15 HT CV TW	73,4	190	6,2	16	TC	on request
					TL	3143828
MAX 20 HT CV TW	86,4	237	7,3	20	TC	on request
					TL	3143829
MAX 30 HT CV TW	110	319	9,3	27	TC	on request
					TL	on request

Two stages hydraulic system

model	output [kW]		flow rate [kg/h]		silencer	head	code
	min	max	min	max			
MAIOR P 60 AB HS	415	710	35	60	OPT	TC	3140151
						TL	3140152
MAIOR P 60 AB HS D	415	710	35	60	OPT	TC	3141572
						TL	3141571
MAIOR P 80 AB HS	474	949	40	80	OPT	TC	3121063
						TL	3121064
MAIOR P 120 AB HS	830	1423	70	120	OPT	TC	3121065
						TL	3121066
MAIOR P 150.1 AB HS	592	1780	50	150	OPT	TC	3121067
						TL	3121068
MAIOR P 200.1 AB HS	710	2372	60	200	OPT	TC	3121069
						TL	3121070
MAIOR P 300.1 AB HS	1000	3000	85	250	OPT	TC	3143743
						TL	3143744
MAIOR P 400.1 AB HS Z3	1300	3900	110	350	OPT	TC	3143745
						TL	3143746

Two stages

model	output [kW]		flow rate [kg/h]		silencer	head	code
	min	max	min	max			
MAIOR P 60 AB	415	710	35	60	OPT	TC	3121016
						TL	3122265
MAIOR P 80 AB	474	949	40	80	OPT	TC	3121018
						TL	3122266
MAIOR P 120 AB	830	1423	70	120	OPT	TC	3121020
						TL	3122269
MAIOR P 150.1 AB	592	1780	50	150	OPT	TC	3121022
						TL	3121021
MAIOR P 200.1 AB	710	2372	60	200	OPT	TC	3121024
						TL	3121023
MAIOR P 300.1 AB	1000	3000	85	250	OPT	TC	3143731
						TL	3143742
MAIOR P 400.1 AB Z3	1300	3900	110	350	OPT	TC	3143733
						TL	3143732

Two stages progressive mechanical

model	output [kW]		flow rate [kg/h]		silencer	head	code
	min	max	min	max			
MAIOR P 45 PR	296	532	25	45	OPT	TL	on request
MAIOR P 60 PR	415	710	35	60	OPT	TL	on request
MAIOR P 80 PR	474	949	40	80	OPT	TL	on request
MAIOR P 120 PR	830	1423	70	120	OPT	TL	on request
MAIOR P 150.1 PR	592	1780	50	150	OPT	TL	on request
MAIOR P 200.1 PR	710	2372	60	200	OPT	TL	on request
MAIOR P 300.1 PR	1000	3000	85	250	OPT	TC	3143734
						TL	3143735
MAIOR P 400.1 PR	1300	3900	110	350	OPT	TC	3143736
						TL	3143737
MAIOR P 500.1 PR	1578	5000	134	422	OPT	TC	3143738
						TL	3143739
MAIOR P 600.1 PR	1795	5800	153	490	OPT	TC	3143740
						TL	3143741
MAIOR P 700.1 PR	2417	7500	205	634	OPT	TC	on request
						TL	on request
MAIOR P 800.1 PR	2750	8500	234	718	OPT	TC	3142963
MAIOR P 1000.1 PR	3300	10500	281	887	OPT	TC	on request
MAIOR P 1200.1 PR	4367	12500	371	1053	OPT	TC	on request
MAIOR P 1500.1 PR	5000	15000	422	1265	OPT	TC	3142964
MAIOR P 1800.1 PR	5700	17000	481	1433	OPT	TC	on request

NOZZLES

Oil Nozzles for modulating burner	delivery (kg/h)
For burner Multicalor/Multiflam/Maior from 200 to 1200	100-150-200-250-300-350-400-450-500-600-700-800-900-1000-1100*
For burner Multicalor/Multiflam/Maior from 1800 to 2300	1100-1200-1300-1400-1500-1600-1800-2000*

*other deliveries available on request

One stage - 50° E fuel viscosity at 50° C

model	output [kW]		flow rate [kg/h]		head	code
	min	max	min	max		
MAXFLAM 10	68	136	6	12	TC	3143324
					TL	3143325
MAXFLAM 20	108	227	9,5	20	TC	3143326
					TL	3143327
MAXFLAM 30	170	340	15	30	TC	3143328
					TL	3143329

Two stages - 50° E fuel viscosity at 50° C

model	output [kW]		flow rate [kg/h]		head	code
	min	max	min	max		
MAXFLAM 30 AB	205	410	18	36	TC	3143330
					TL	3143331
MAXFLAM 50 AB	205	570	18	50	TC	3143332
					TL	3143333

Two stages - 50 °E fuel viscosity at 50 °C

model	output [kW]		flow rate [kg/h]		silencer	head	code
	min	max	min	max			
OILFLAM 80.1 AB	464	930	41	82	OPT	TC	3142604
						TL	3142605
OILFLAM 120.1 AB	682	1395	60	122	OPT	TC	3142606
						TL	3142607
OILFLAM 170.1 AB	682	1700	60	148	OPT	TC	3142608
						TL	3142609
OILFLAM 200.1 AB	682	2093	60	184	OPT	TC	3142610
						TL	3142611
OILFLAM 300.1 AB	1000	3000	88,5	264	OPT	TC	3143753
						TL	3143754
OILFLAM 400.1 AB Z3	1300	3900	115	343	OPT	TC	3143755
						TL	3143756

Two stages progressive mechanical - 50 °E fuel viscosity at 50 °C

model	output [kW]		flow rate [kg/h]		silencer	head	code
	min	max	min	max			
OILFLAM 80.1 PR	464	930	41	82	OPT	TL	on request
OILFLAM 120.1 PR	682	1395	60	122	OPT	TL	on request
OILFLAM 170.1 PR	682	1700	60	148	OPT	TL	on request
OILFLAM 200.1 PR	682	2093	60	184	OPT	TL	on request
OILFLAM 300.1 PR	1000	3000	88,5	264	OPT	TC	3143757
						TL	3143758
OILFLAM 400.1 PR	1300	3900	115	343	OPT	TC	3143759
						TL	3143760
OILFLAM 500.1 PR	1578	5000	140	440	OPT	TC	3143761
						TL	3143762
OILFLAM 600.1 PR	1795	5800	159	510	OPT	TC	3143763
						TL	3143764

Two stages progressive mechanical - 50 °E fuel viscosity at 50 °C

model	output [kW]		flow rate [kg/h]		silencer	head	code
	min	max	min	max			
OILFLAM 700.1 PR	2417	7500	214	660	OPT	TC TL	3143936 on request
OILFLAM 800.1 PR	2750	8500	243	748	OPT	TC	on request
OILFLAM 1000.1 PR	3300	10500	292	924	OPT	TC	on request
OILFLAM 1200.1 PR	4367	12500	386	1097	OPT	TC	on request
OILFLAM 1500.1 PR	5000	15000	440	1319	OPT	TC	on request
OILFLAM 1800.1 PR	5700	17000	501	1495	OPT	TC	on request

NOZZLES

Oil Nozzles for modulating burner	delivery (kg/h)
For burner Multicalor/Multiflam/Maior from 200 to 1200	100-150-200-250-300-350-400-450-500-600-700-800-900-1000-1100*
For burner Multicalor/Multiflam/Maior from 1800 to 2300	1100-1200-1300-1400-1500-1600-1800-2000*

*other deliveries available on request

Two stages gas / Two stages light oil

model	output [kW]		burner body		silencer	connection pipe	pressure [mbar]		gas train			gas governor and filter		
	min	max	head	code		code	min	max	code	type	Ø	code	type	
MULTICALOR 45	190	500	TC	3140429	-	-	17	500	3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
							90		3142024	VCS 125	1"	3142521	FGDR 1"	
			TL	3140428	-	-	17	500	3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
							90		3142024	VCS 125	1"	3142521	FGDR 1"	
MULTICALOR 70	250	700	TC	3140431	OPT	-	15	500	3141862	VCS 350	2"	3142524	FGDR 2"	
							30		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
							170		3142024	VCS 125	1"	3142521	FGDR 1"	
			TL	3140430	OPT	-	15	500	3141862	VCS 350	2"	3142524	FGDR 2"	
							30		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
							170		3142024	VCS 125	1"	3142521	FGDR 1"	
MULTICALOR 100	300	1000	TC	3140433	OPT	-	25	500	3141862	VCS 350	2"	3142524	FGDR 2"	
							40		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
							165		3142024	VCS 125	1"	3142523	FGDR 1"1/2	
			TL	3140432	OPT	-	25	500	3141862	VCS 350	2"	3142524	FGDR 2"	
							40		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
							165		3142024	VCS 125	1"	3142523	FGDR 1"1/2	
MULTICALOR 140	400	1300	TC	3140439	OPT	-	25	500	3123860	VGDR 20.503	2"	3121384	Filter 2"	
							35		3141862	VCS 350	2"	3142524	FGDR 2"	
							80		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
			TL	3140438	OPT	-	25	500	3123860	VGDR 20.503	2"	3121384	Filter 2"	
							35		3141862	VCS 350	2"	3142524	FGDR 2"	
							80		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2	
MULTICALOR 170.1	342	1770	TC	3142628	OPT	-	3142069	500	3142026	VGDR 40.080	DN80	3142088	Filter DN80	
							3142075		45	3123860	VGDR 20.503	2"	3121384	Filter 2"
									65	3141862	VCS 350	2"	3142524	FGDR 2"
									150	3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
			TL	3142629	OPT	-	3142069	500	3142026	VGDR 40.080	DN80	3142088	Filter DN80	
							3142075		45	3123860	VGDR 20.503	2"	3121384	Filter 2"
									65	3141862	VCS 350	2"	3142524	FGDR 2"
									150	3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2

MULTICALOR 200.1	414	2150	TC	3142630	OPT	3142069	23	500	3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142197	35		3124110	VGD 40.065	2"1/2	3124111	Filter DN65
						3142075	60		3123860	VGD 20.503	2"	3121384	Filter 2"
			90				3141862		VCS 350	2"	3142524	FGDR 2"	
			220				3142025		VCS 240	1"1/2	3142523	FGDR 1"1/2	
			TL			3142631	OPT		3142069	23	3142026	VGD 40.080	DN80
	3142197	35		3124110	VGD 40.065			2"1/2	3124111	Filter DN65			
	3142075	60		3123860	VGD 20.503			2"	3121384	Filter 2"			
		90		3141862	VCS 350			2"	3142524	FGDR 2"			
		220		3142025	VCS 240			1"1/2	3142523	FGDR 1"1/2			

Two stages progressive mechanical gas / Two stages light oil

model	output [kW]		burner body		silencer	connection pipe	pressure [mbar]		gas train			gas governor and filter					
	min	max	head	code		code	min	max	code	type	Ø	code	type				
MULTICALOR 70 PR-AB	190	700	TC	3142632	OPT	-	15	500	3141862	VCS 350	2"	3142524	FGDR 2"				
							30		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2				
							170		3142024	VCS 125	1"	3142521	FGDR 1"				
			TL				3142633		OPT	-	15	500	3141862	VCS 350	2"	3142524	FGDR 2"
											30		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
											170		3142024	VCS 125	1"	3142521	FGDR 1"
MULTICALOR 100 PR-AB	200	1000	TC	3142634	OPT	-		25			500		3141862	VCS 350	2"	3142524	FGDR 2"
								40					3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
								165					3142024	VCS 125	1"	3142523	FGDR 1"1/2
			TL				3142635	OPT	-	25		500	3141862	VCS 350	2"	3142524	FGDR 2"
										40			3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
										165			3142024	VCS 125	1"	3142523	FGDR 1"1/2
MULTICALOR 140 PR-AB	250	1300	TC	3142636	OPT	-				25	500		3123860	VGD 20.503	2"	3121384	Filter 2"
										35			3141862	VCS 350	2"	3142524	FGDR 2"
										80			3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
			TL				3142637	OPT	-	25		500	3123860	VGD 20.503	2"	3121384	Filter 2"
										35			3141862	VCS 350	2"	3142524	FGDR 2"
										80			3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2

MULTICALOR 170.1 PR-AB	342	1770	TC	3142638	OPT	3142069	20	500	3142026	VDG 40.080	DN80	3142088	Filter DN80
						3142075	45		3123860	VDG 20.503	2"	3121384	Filter 2"
							65		3141862	VCS 350	2"	3142524	FGDR 2"
							150		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
			TL	3142639	OPT	3142069	20	500	3142026	VDG 40.080	DN80	3142088	Filter DN80
						3142075	45		3123860	VDG 20.503	2"	3121384	Filter 2"
							65		3141862	VCS 350	2"	3142524	FGDR 2"
							150		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
MULTICALOR 200.1 PR-AB	414	2150	TC	3142640	OPT	3142069	23	500	3142026	VDG 40.080	DN80	3142088	Filter DN80
						3142197	35		3124110	VDG 40.065	2"1/2	3124111	Filter DN65
						3142075	60		3123860	VDG 20.503	2"	3121384	Filter 2"
							90		3141862	VCS 350	2"	3142524	FGDR 2"
							220		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
							3142069		23	3142026	VDG 40.080	DN80	3142088
			TL	3142641	OPT	3142197	35	500	3124110	VDG 40.065	2"1/2	3124111	Filter DN65
						3142075	60		3123860	VDG 20.503	2"	3121384	Filter 2"
							90		3141862	VCS 350	2"	3142524	FGDR 2"
							220		3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2
							3142069		23	3142026	VDG 40.080	DN80	3142088
						3142197	35		3124110	VDG 40.065	2"1/2	3124111	Filter DN65
3142075	60	3123860	VDG 20.503	2"	3121384	Filter 2"							
90	3141862	VCS 350	2"	3142524	FGDR 2"								
220	3142025	VCS 240	1"1/2	3142523	FGDR 1"1/2								

Two stages gas / Two stages light oil - MultiBloc gas train

model	output [kW]		burner body		silencer	connection pipe	pressure [mbar]		gas train			gas governor and filter
	min	max	head	code		code	min	max	code	type	Ø	
MULTICALOR 45	190	500	TC	3140429	OPT	-	15	360	3141846	MB-DLE 415	1" 1/2	included
							30		3141845	MB-DLE 412	1" 1/4	
							50		3142022	MB-DLE 410	1"	
							85		3141843	MB-DLE 407	3/4"	
			TL	3140428	OPT	-	15	360	3141846	MB-DLE 415	1" 1/2	included
							30		3141845	MB-DLE 412	1" 1/4	
							50		3142022	MB-DLE 410	1"	
							85		3141843	MB-DLE 407	3/4"	
MULTICALOR 70	250	700	TC	3140431	OPT	-	17	360	3141847	MB-DLE 420	2"	included
							25		3141846	MB-DLE 415	1" 1/2	
							75		3142022	MB-DLE 410	1"	
			TL	3140430	OPT	-	17	360	3141847	MB-DLE 420	2"	included
							25		3141846	MB-DLE 415	1" 1/2	
							75		3142022	MB-DLE 410	1"	

MULTICALOR 100	300	1000	TC	3140433	OPT	-	27	360	3141847	MB-DLE 420	2"	included			
							35		3141846	MB-DLE 415	1" 1/2				
							75		3141845	MB-DLE 412	1" 1/4				
			TL	3140432	OPT	-	27	360	3141847	MB-DLE 420	2"	included			
							35		3141846	MB-DLE 415	1" 1/2				
							75		3141845	MB-DLE 412	1" 1/4				
MULTICALOR 140	400	1300	TC	3140439	OPT	-	40	360	3141847	MB-DLE 420	2"	included			
							50		3141846	MB-DLE 415	1" 1/2				
							100		3141845	MB-DLE 412	1" 1/4				
			TL	3140438	OPT	-	40	360	3141847	MB-DLE 420	2"	included			
							50		3141846	MB-DLE 415	1" 1/2				
							100		3141845	MB-DLE 412	1" 1/4				
MULTICALOR 170.1	342	1770	TC	3142628	OPT	3142075	60	360	3141847	MB-DLE 420	2"	included			
							85		3141846	MB-DLE 415	1" 1/2				
							TL		3142629	OPT	3142075		60	360	3141847
			85	3141846	MB-DLE 415	1" 1/2									
			MULTICALOR 200.1	414	2150	TC		3142630				OPT	3142075		75
							100		3141846	MB-DLE 415	1" 1/2				
TL	3142631	OPT					3142075		75	360	3141847			MB-DLE 420	2"
			100	3141846	MB-DLE 415	1" 1/2									

Two stages progressive mechanical gas / Two stages light oil - MultiBloc gas train

model	output [kW]		burner body		silencer	connection pipe	pressure [mbar]		gas train			gas governor and filter
	min	max	head	code		code	min	max	code	type	Ø	
MULTICALOR 70 PR-AB	190	700	TC	3142632	OPT	-	17	360	3141847	MB-DLE 420	2"	included
							25		3141846	MB-DLE 415	1" 1/2	
							75		3142022	MB-DLE 410	1"	
			TL	3142633	OPT	-	17	360	3141847	MB-DLE 420	2"	included
							25		3141846	MB-DLE 415	1" 1/2	
							75		3142022	MB-DLE 410	1"	
MULTICALOR 100 PR-AB	200	1000	TC	3142634	OPT	-	27	360	3141847	MB-DLE 420	2"	included
							35		3141846	MB-DLE 415	1" 1/2	
							75		3141845	MB-DLE 412	1" 1/4	
			TL	3142635	OPT	-	27	360	3141847	MB-DLE 420	2"	included
							35		3141846	MB-DLE 415	1" 1/2	
							75		3141845	MB-DLE 412	1" 1/4	

MULTICALOR 140 PR-AB	250	1300	TC	3142636	OPT	-	40	360	3141847	MB-DLE 420	2"	included
							50		3141846	MB-DLE 415	1" 1/2	
							100		3141845	MB-DLE 412	1" 1/4	
			TL	3142637	OPT	-	40	360	3141847	MB-DLE 420	2"	included
							50		3141846	MB-DLE 415	1" 1/2	
							100		3141845	MB-DLE 412	1" 1/4	
MULTICALOR 170.1 PR-AB	342	1770	TC	3142638	OPT	3142075	60	360	3141847	MB-DLE 420	2"	included
							85		3141846	MB-DLE 415	1" 1/2	
							60		360	3141847	MB-DLE 420	
			85	3141846	MB-DLE 415	1" 1/2						
			75	360	3141847	MB-DLE 420	2"	included				
			100		3141846	MB-DLE 415	1" 1/2					
75	360	3141847	MB-DLE 420		2"	included						
100		3141846	MB-DLE 415	1" 1/2								

Two stages progressive mechanical gas / Two stages progressive light oil - Only body

model	output [kW]		burner body		silencer
	min	max	head	code	
MULTICALOR 70 PR	250	700	TL	on request	OPT
MULTICALOR 100 PR	300	1000	TL	on request	OPT
MULTICALOR 140 PR	400	1300	TL	on request	OPT
MULTICALOR 170.1 PR	342	1770	TL	on request	OPT
MULTICALOR 200.1 PR	414	2150	TL	on request	OPT

Two stages progressive mechanical gas / Two stages progressive mechanical light oil

model	output [kW]		burner body		silencer	connection pipe	pressure [mbar]		gas train (§)			gas governor and filter	
	min	max	head	code		code	min	max	code	type	Ø	code	type
MULTICALOR 300.1 PR	630	3000	TC	3143765	OPT	3142069+ 3142073	22	500	3141869	VGD 40.100	DN100	3142205	Filter DN100
						3142069	35		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142197	55		3124110	VGD 40.065	DN65	3124111	Filter DN65
						3142075	100		3123860	VGD 20.503	2"	3121384	Filter 2"
			TL	3143766	OPT	3142069+ 3142073	22	500	3141869	VGD 40.100	DN100	3142205	Filter DN100
						3142069	35		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142197	55		3124110	VGD 40.065	DN65	3124111	Filter DN65
						3142075	100		3123860	VGD 20.503	2"	3121384	Filter 2"

MULTICALOR 400.1 PR	875	3900	TC	3143767	OPT	3142069+ 3142073	30	500	3141869	VGD 40.100	DN100	3142205	Filter DN100
						3142069	50		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142197	90		3124110	VGD 40.065	DN65	3124111	Filter DN65
						3142075	170		3123860	VGD 20.503	2"	3121384	Filter 2"
			TL	3143768	OPT	3142069+ 3142073	30	500	3141869	VGD 40.100	DN100	3142205	Filter DN100
						3142069	50		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142197	90		3124110	VGD 40.065	DN65	3124111	Filter DN65
						3142075	170		3123860	VGD 20.503	2"	3121384	Filter 2"
MULTICALOR 500.1 PR	1200	5000	TC	3143769	OPT	3142198	35	500	3142666	VGD 40.125	DN125	3142206	Filter DN125
						3142070+ 3142073	45		3141869	VGD 40.100	DN100	3142205	Filter DN100
						3142070	75		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142071	140		3124110	VGD 40.065	DN65	3124111	Filter DN65
						3142075	250		3123860	VGD 20.503	2"	3121384	Filter 2"
			TL	3143770	OPT	3142198	35	500	3142666	VGD 40.125	DN125	3142206	Filter DN125
						3142070+ 3142073	45		3141869	VGD 40.100	DN100	3142205	Filter DN100
						3142070	75		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142071	140		3124110	VGD 40.065	DN65	3124111	Filter DN65
						3142075	250		3123860	VGD 20.503	2"	3121384	Filter 2"
MULTICALOR 600.1 PR	1500	5800	TC	3143771	OPT	3142198	50	500	3142666	VGD 40.125	DN125	3142206	Filter DN125
						3142070+ 3142073	60		3141869	VGD 40.100	DN100	3142205	Filter DN100
						3142070	100		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142071	180		3124110	VGD 40.065	DN65	3124111	Filter DN65
						3142075	340		3123860	VGD 20.503	2"	3121384	Filter 2"
			TL	3143772	OPT	3142198	50	500	3142666	VGD 40.125	DN125	3142206	Filter DN125
						3142070+ 3142073	60		3141869	VGD 40.100	DN100	3142205	Filter DN100
						3142070	100		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142071	180		3124110	VGD 40.065	DN65	3124111	Filter DN65
						3142075	340		3123860	VGD 20.503	2"	3121384	Filter 2"
MULTICALOR 700.1 PR	1500	7500	TC	3143773	OPT	3142422+ 3142425	60	500	3142666	VGD 40.125	DN125	3142206	Filter DN125
						3142422	75		3141869	VGD 40.100	DN100	3142205	Filter DN100
						3142424	140		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142423	280		3124110	VGD 40.065	DN65	3124111	Filter DN65

§ VGD Siemens: default blank spring, head pressure 0...22 mbar; from MULTICALOR 300.1 change spring and damping (see pag. 49)

MULTICALOR 800.1 PR	2000	8500	TC	3143774	OPT	3142422+ 3142425	85	500	3142666	VGD 40.125	DN125	3142206	Filter DN125
						3142422	110		3141869	VGD 40.100	DN100	3142205	Filter DN100
						3142424	210		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142423	410		3124110	VGD 40.065	DN65	3124111	Filter DN65
MULTICALOR 1000.1 PR	2500	10500	TC	3143775	OPT	3142422+ 3142425	115	500	3142666	VGD 40.125	DN125	3142206	Filter DN125
						3142422	165		3141869	VGD 40.100	DN100	3142205	Filter DN100
						3142424	290		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142423	550		3124110	VGD 40.065	DN65	3124111	Filter DN65
MULTICALOR 1200.1 PR	2700	13000	TC	3143776	OPT	3142422+ 3142425	175	500	3142666	VGD 40.125	DN125	3142206	Filter DN125
						3142422	230		3141869	VGD 40.100	DN100	3142205	Filter DN100
						3142424	420		3142026	VGD 40.080	DN80	3142088	Filter DN80
MULTICALOR 1500.1 PR	3690	15000	TC	3143777	OPT	3142422+ 3142425	150	500	3142666	VGD 40.125	DN125	3142206	Filter DN125
						3142422	230		3141869	VGD 40.100	DN100	3142205	Filter DN100
						3142424	450		3142026	VGD 40.080	DN80	3142088	Filter DN80
MULTICALOR 1800.1 PR	4000	17000	TC	3143778	OPT	3142422+ 3142425	210	500	3142666	VGD 40.125	DN125	3142206	Filter DN125
						3142422	330		3141869	VGD 40.100	DN100	3142205	Filter DN100

§ VGD Siemens: default blank spring, head pressure 0...22 mbar; from MULTICALOR 300.1 change spring and damping (see pag. 49)

Two stages progressive electronic gas / Two stages progressive electronic light oil - Lamtec control

model	output [kW]		burner body		silencer
	min	max	head	code	
MULTICALOR 70 PRE	250	700	TL	on request	OPT
MULTICALOR 100 PRE	300	1000	TL	on request	OPT
MULTICALOR 140 PRE	400	1300	TL	on request	OPT
MULTICALOR 170.1 PRE	342	1770	TL	on request	OPT
MULTICALOR 200.1 PRE	414	2150	TL	on request	OPT

Two stages progressive electronic gas / Two stages progressive electronic light oil - Lamtec control

model	output [kW]		burner body		silencer	connection pipe	pressure [mbar]		gas train (§)			gas governor and filter	
	min	max	head	code		code	min	max	code	type	Ø	code	type
MULTICALOR 300.1 PRE	630	3000	TC	on request	OPT	3142069+ 3142073	22	500	3144280	VGD 40.100	DN100	3142205	Filter DN100
						3142069	35		3144279	VGD 40.080	DN80	3142088	Filter DN80
						3142197	55		3144278	VGD 40.065	DN65	3124111	Filter DN65
						3142075	100		3144277	VGD 20.503	2"	3121384	Filter 2"
	630	3000	TL	on request	OPT	3142069+ 3142073	22	500	3144280	VGD 40.100	DN100	3142205	Filter DN100
						3142069	35		3144279	VGD 40.080	DN80	3142088	Filter DN80
						3142197	55		3144278	VGD 40.065	DN65	3124111	Filter DN65
						3142075	100		3144277	VGD 20.503	2"	3121384	Filter 2"
MULTICALOR 400.1 PRE	875	3900	TC	on request	OPT	3142069+ 3142073	30	500	3144280	VGD 40.100	DN100	3142205	Filter DN100
						3142069	50		3144279	VGD 40.080	DN80	3142088	Filter DN80
						3142197	90		3144278	VGD 40.065	DN65	3124111	Filter DN65
						3142075	170		3144277	VGD 20.503	2"	3121384	Filter 2"
	875	3900	TL	on request	OPT	3142069+ 3142073	30	500	3144280	VGD 40.100	DN100	3142205	Filter DN100
						3142069	50		3144279	VGD 40.080	DN80	3142088	Filter DN80
						3142197	90		3144278	VGD 40.065	DN65	3124111	Filter DN65
						3142075	170		3144277	VGD 20.503	2"	3121384	Filter 2"
MULTICALOR 500.1 PRE	1200	5000	TC	on request	OPT	3142198	35	500	3144282	VGD 40.125	DN125	3142206	Filter DN125
						3142070+ 3142073	45		3144280	VGD 40.100	DN100	3142205	Filter DN100
						3142070	75		3144279	VGD 40.080	DN80	3142088	Filter DN80
						3142071	140		3144278	VGD 40.065	DN65	3124111	Filter DN65
						3142075	250		3144277	VGD 20.503	2"	3121384	Filter 2"
	1200	5000	TL	on request	OPT	3142198	35	500	3144282	VGD 40.125	DN125	3142206	Filter DN125
						3142070+ 3142073	45		3144280	VGD 40.100	DN100	3142205	Filter DN100
						3142070	75		3144279	VGD 40.080	DN80	3142088	Filter DN80
						3142071	140		3144278	VGD 40.065	DN65	3124111	Filter DN65
						3142075	250		3144277	VGD 20.503	2"	3121384	Filter 2"

§ VGD Siemens: default blank spring, head pressure 0...22 mbar; from MULTICALOR 300.1 change spring and damping (see pag. 49)

MULTICALOR 600.1 PRE	1500	5800	TC	on request	OPT	3142198	50	500	3144282	VDG 40.125	DN125	3142206	Filter DN125
						3142070+3142073	60		3144280	VDG 40.100	DN100	3142205	Filter DN100
						3142070	100		3144279	VDG 40.080	DN80	3142088	Filter DN80
						3142071	180		3144278	VDG 40.065	DN65	3124111	Filter DN65
						3142075	340		3144277	VDG 20.503	2"	3121384	Filter 2"
	TL	on request	OPT	3142198	50	500	3144282	VDG 40.125	DN125	3142206	Filter DN125		
				3142070+3142073	60		3144280	VDG 40.100	DN100	3142205	Filter DN100		
				3142070	100		3144279	VDG 40.080	DN80	3142088	Filter DN80		
				3142071	180		3144278	VDG 40.065	DN65	3124111	Filter DN65		
				3142075	340		3144277	VDG 20.503	2"	3121384	Filter 2"		
MULTICALOR 700.1 PRE	1500	7500	TC	on request	OPT	3142422+3142425	60	500	3144282	VDG 40.125	DN125	3142206	Filter DN125
						3142422	75		3144280	VDG 40.100	DN100	3142205	Filter DN100
						3142424	140		3144279	VDG 40.080	DN80	3142088	Filter DN80
						3142423	280		3144278	VDG 40.065	DN65	3124111	Filter DN65
MULTICALOR 800.1 PRE	2000	8500	TC	on request	OPT	3142422+3142425	85	500	3144282	VDG 40.125	DN125	3142206	Filter DN125
						3142422	110		3144280	VDG 40.100	DN100	3142205	Filter DN100
						3142424	210		3144279	VDG 40.080	DN80	3142088	Filter DN80
						3142423	410		3144278	VDG 40.065	DN65	3124111	Filter DN65
MULTICALOR 1000.1 PRE	2500	10500	TC	on request	OPT	3142422+3142425	115	500	3144282	VDG 40.125	DN125	3142206	Filter DN125
						3142422	165		3144280	VDG 40.100	DN100	3142205	Filter DN100
						3142424	290		3144279	VDG 40.080	DN80	3142088	Filter DN80
						3142423	550		3144278	VDG 40.065	DN65	3124111	Filter DN65
MULTICALOR 1200.1 PRE	2700	13000	TC	on request	OPT	3142422+3142425	175	500	3144282	VDG 40.125	DN125	3142206	Filter DN125
						3142422	230		3144280	VDG 40.100	DN100	3142205	Filter DN100
						3142424	420		3144279	VDG 40.080	DN80	3142088	Filter DN80
MULTICALOR 1500.1 PRE	3690	15000	TC	on request	OPT	3142422+3142425	150	500	3144282	VDG 40.125	DN125	3142206	Filter DN125
						3142422	230		3144280	VDG 40.100	DN100	3142205	Filter DN100
						3142424	450		3144279	VDG 40.080	DN80	3142088	Filter DN80
MULTICALOR 1800.1 PRE	4000	17000	TC	on request	OPT	3142422+3142425	210	500	3144282	VDG 40.125	DN125	3142206	Filter DN125
						3142422	330		3144280	VDG 40.100	DN100	3142205	Filter DN100

§ VGD Siemens: default blank spring, head pressure 0...22 mbar; from MULTICALOR 300.1 change spring and damping (see pag. 49)

NOZZLES

Oil Nozzles for modulating burner	delivery (kg/h)
For burner Multicalor/Multiflam/Maior from 200 to 1200	100-150-200-250-300-350-400-450-500-600-700-800-900-1000-1100*
For burner Multicalor/Multiflam/Maior from 1800 to 2300	1100-1200-1300-1400-1500-1600-1800-2000*

*other deliveries available on request

Two stages gas / Two stages heavy oil - 50 °E fuel viscosity at 50 °C

model	output [kW]		burner body		silencer	connection pipe	pressure [mbar]		gas train			gas governor and filter	
	min	max	head	code		code	min	max	code	type	Ø	code	type
MULTIFLAM 200.1	414	2150	TC	3142669	OPT	-	35	700	3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142935	55		3124110	VGD 40.065	DN65	3124111	Filter DN65
						3143080	100		3123860	VGD 20.503	2"	3121384	Filter 2"
			TL	3142670	OPT	-	35	700	3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142935	55		3124110	VGD 40.065	DN65	3124111	Filter DN65
						3143080	100		3123860	VGD 20.503	2"	3121384	Filter 2"

Two stages progressive mechanical gas / Two stages progressive mechanical heavy oil - 50 °E fuel viscosity at 50 °C

model	output [kW]		burner body		silencer	connection pipe	pressure [mbar]		gas train (§)			gas governor and filter	
	min	max	head	code		code	min	max	code	type	Ø	code	type
MULTIFLAM 300.1 PR	630	3000	TC	3143779	OPT	3142073	22	700	3141869	VGD 40.100	DN100	3142205	Filter DN100
						-	35		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142935	55		3124110	VGD 40.065	DN65	3124111	Filter DN65
			TL	3143780	OPT	3143080	100	600	3123860	VGD 20.503	2"	3121384	Filter 2"
						3142073	22	700	3141869	VGD 40.100	DN100	3142205	Filter DN100
						-	35		3142026	VGD 40.080	DN80	3142088	Filter DN80
3142935	55	3124110	VGD 40.065	DN65	3124111	Filter DN65							
3143080	100	600	3123860	VGD 20.503	2"	3121384	Filter 2"						
MULTIFLAM 400.1 PR	875	3900	TC	3143781	OPT	3142073	30	700	3141869	VGD 40.100	DN100	3142205	Filter DN100
						-	50		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142935	90		3124110	VGD 40.065	DN65	3124111	Filter DN65
			TL	3143782	OPT	3143080	170	600	3123860	VGD 20.503	2"	3121384	Filter 2"
						3142073	30	700	3141869	VGD 40.100	DN100	3142205	Filter DN100
						-	50		3142026	VGD 40.080	DN80	3142088	Filter DN80
3142935	90	3124110	VGD 40.065	DN65	3124111	Filter DN65							
3143080	170	600	3123860	VGD 20.503	2"	3121384	Filter 2"						
MULTIFLAM 500.1 PR	1200	5000	TC	3143783	OPT	3143105	35	700	3142666	VGD 40.125	DN125	3142206	Filter DN125
						3142073	45		3141869	VGD 40.100	DN100	3142205	Filter DN100
						-	75		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142935	140		3124110	VGD 40.065	DN65	3124111	Filter DN65
						3143080	250		600	3123860	VGD 20.503	2"	3121384
			TL	3143784	OPT	3143105	35	700	3142666	VGD 40.125	DN125	3142206	Filter DN125
						3142073	45		3141869	VGD 40.100	DN100	3142205	Filter DN100
						-	75		3142026	VGD 40.080	DN80	3142088	Filter DN80
						3142935	140		3124110	VGD 40.065	DN65	3124111	Filter DN65
						3143080	250		600	3123860	VGD 20.503	2"	3121384

§ VGD Siemens: default blank spring, head pressure 0...22 mbar; from MULTIFLAM 300.1 change spring and damping (see pag. 49)

MULTIFLAM 600.1 PR	1500	5800	TC	3143785	OPT	3143105	50	700	3142666	VDG 40.125	DN125	3142206	Filter DN125
						3142073	60		3141869	VDG 40.100	DN100	3142205	Filter DN100
						-	100		3142026	VDG 40.080	DN80	3142088	Filter DN80
						3142935	180		3124110	VDG 40.065	DN65	3124111	Filter DN65
						3143080	340		3123860	VDG 20.503	2"	3121384	Filter 2"
	1500	5800	TL	3143786	OPT	3143105	50	700	3142666	VDG 40.125	DN125	3142206	Filter DN125
						3142073	60		3141869	VDG 40.100	DN100	3142205	Filter DN100
						-	100		3142026	VDG 40.080	DN80	3142088	Filter DN80
						3142935	180		3124110	VDG 40.065	DN65	3124111	Filter DN65
						3143080	340		3123860	VDG 20.503	2"	3121384	Filter 2"
MULTIFLAM 700.1 PR	1500	7500	TC	-	OPT	3143105	60	700	3142666	VDG 40.125	DN125	3142206	Filter DN125
						3142073	75		3141869	VDG 40.100	DN100	3142205	Filter DN100
						-	140		3142026	VDG 40.080	DN80	3142088	Filter DN80
						3142935	280		3124110	VDG 40.065	DN65	3124111	Filter DN65
MULTIFLAM 800.1 PR	2000	8500	TC	-	OPT	3143105	85	700	3142666	VDG 40.125	DN125	3142206	Filter DN125
						3142073	110		3141869	VDG 40.100	DN100	3142205	Filter DN100
						-	210		3142026	VDG 40.080	DN80	3142088	Filter DN80
						3142935	410		3124110	VDG 40.065	DN65	3124111	Filter DN65
MULTIFLAM 1000.1 PR	2500	10500	TC	-	OPT	3143105	115	700	3142666	VDG 40.125	DN125	3142206	Filter DN125
						3142073	165		3141869	VDG 40.100	DN100	3142205	Filter DN100
						-	290		3142026	VDG 40.080	DN80	3142088	Filter DN80
						3142935	550		3124110	VDG 40.065	DN65	3124111	Filter DN65
MULTIFLAM 1200.1 PR	2700	13000	TC	-	OPT	on req.	160	700	on req.	VDG 40.150	DN150	on req.	Filter DN150
						3143105	175		3142666	VDG 40.125	DN125	3142206	Filter DN125
						3142073	230		3141869	VDG 40.100	DN100	3142205	Filter DN100
						-	420		3142026	VDG 40.080	DN80	3142088	Filter DN80
MULTIFLAM 1500.1 PR	3690	15000	TC	-	OPT	on req.	125	700	on req.	VDG 40.150	DN150	on req.	Filter DN150
						3143105	150		3142666	VDG 40.125	DN125	3142206	Filter DN125
						3142073	230		3141869	VDG 40.100	DN100	3142205	Filter DN100
						-	450		3142026	VDG 40.080	DN80	3142088	Filter DN80
MULTIFLAM 1800.1 PR	4000	17000	TC	-	OPT	on req.	175	700	on req.	VDG 40.150	DN150	on req.	Filter DN150
						3143105	210		3142666	VDG 40.125	DN125	3142206	Filter DN125
						3142073	330		3141869	VDG 40.100	DN100	3142205	Filter DN100

§ VGD Siemens: default blank spring, head pressure 0...22 mbar; from MULTIFLAM 300.1 change spring and damping (see pag. 49)

NOZZLES

Oil Nozzles for modulating burner	delivery (kg/h)
For burner Multicalor/Multiflam/Maior from 200 to 1200	100-150-200-250-300-350-400-450-500-600-700-800-900-1000-1100*
For burner Multicalor/Multiflam/Maior from 1800 to 2300	1100-1200-1300-1400-1500-1600-1800-2000*

*other deliveries available on request

Terminal Block with burner controller in a separate box

Natural gas - class 2

model	code
BLU TS 1000.1 PAB TC HT	3143196
BLU TS 1000.1 PR TC HT	on request
BLU TS 2000.1 PAB TC HT	3143212
BLU TS 2000.1 PR TC HT	3143197
BLU TS 3000.1 PR TC HT	3143084
BLU TS 4000.1 PR TC HT	3143198
BLU TS 6000.1 PR TCHT	3143213
BLU TS 8000.1 PR TC HT	3143412
BLU TS 10000.1 PR TC HT	3143188
BLU TS 12000.1 PR TC HT	on request
BLU TS 18000.1 PR TC HT	3141826
BLU TS 23000.1 PR TC HT	on request
BLU TS 34000.1 PR TC HT	on request

Light oil

model	code
Oil pump on board	
MAIOR TS 200.1 AB TC HT	3143071
MAIOR TS 200.1 PR TC HT	3143214
MAIOR TS 300.1 PR TC HT	on request
MAIOR TS 400.1 PR TC HT	3143123
MAIOR TS 600.1 PR TC HT	3144402
Separated oil pumping unit (not included)	
MAIOR TS 800.1 PR TC HT	on request
MAIOR TS 1000.1 PR TC HT	on request
MAIOR TS 1200.1 PR TC HT	on request
MAIOR TS 1800.1 PR TC HT	on request
MAIOR TS 2300.1 PR TC HT	on request
MAIOR TS 3400.1 PR TC HT	on request

Dual fuel (natural gas/light oil)

model	code
Oil pump on board	
MULTICALOR TS 100 PAB TC HT	3143215
MULTICALOR TS 140 PAB TC HT	3141820
MULTICALOR TS 200.1 PAB TC HT	3143216
MULTICALOR TS 200.1 PR TC HT	3143189
MULTICALOR TS 300.1 PR TC HT	3141812
MULTICALOR TS 400.1 PR TC HT	3143201
MULTICALOR TS 600.1 PR TC HT	3142909
Separated oil pumping unit (not included)	
MULTICALOR TS 800.1 PR TC HT	on request
MULTICALOR TS 1000.1 PR TC HT	on request
MULTICALOR TS 1200.1 PR TC HT	on request
MULTICALOR TS 1800.1 PR TC HT	on request
MULTICALOR TS 2300.1 PR TC HT	on request
MULTICALOR TS 3400.1 PR TC HT	on request

ELECTRONIC VERSIONS

Terminal Block with burner controller in a separate box

Natural gas - class 2

model	code
BLU TS 1000.1 PRE TC HT	on request
BLU TS 2000.1 PRE TC HT	on request
BLU TS 3000.1 PRE TC HT	on request
BLU TS 4000.1 PRE TC HT	on request
BLU TS 6000.1 PRE TC HT	on request
BLU TS 8000.1 PRE TC HT	on request
BLU TS 10000.1 PRE TC HT	on request
BLU TS 12000.1 PRE TC HT	on request
BLU TS 18000.1 PRE TC HT	on request
BLU TS 23000.1 PRE TC HT	on request
BLU TS 34000.1 PRE TC HT	on request

Light oil

model	code
Oil pump on board	
MAIOR TS 200.1 PRE TC HT	on request
MAIOR TS 300.1 PRE TC HT	on request
MAIOR TS 400.1 PRE TC HT	on request
MAIOR TS 600.1 PRE TC HT	on request
Separated oil pumping unit (not included)	
MAIOR TS 800.1 PRE TC HT	on request
MAIOR TS 1000.1 PRE TC HT	on request
MAIOR TS 1200.1 PRE TC HT	on request
MAIOR TS 1800.1 PRE TC HT	on request
MAIOR TS 2300.1 PRE TC HT	on request
MAIOR TS 3400.1 PRE TC HT	on request

Dual fuel (natural gas/light oil)

model	code
Oil pump on board	
MULTICALOR TS 200.1 PRE TC HT	on request
MULTICALOR TS 300.1 PRE TC HT	on request
MULTICALOR TS 400.1 PRE TC HT	on request
MULTICALOR TS 600.1 PRE TC HT	on request
Separated oil pumping unit (not included)	
MULTICALOR TS 800.1 PRE TC HT	on request
MULTICALOR TS 1000.1 PRE TC HT	on request
MULTICALOR TS 1200.1 PRE TC HT	on request
MULTICALOR TS 1800.1 PRE TC HT	on request
MULTICALOR TS 2300.1 PRE TC HT	on request
MULTICALOR TS 3400.1 PRE TC HT	on request

Burner accessories

Oil Nozzles for modulating burner	delivery (kg/h)
For burner Multicalor/Multiflam/Maior from 200 to 1200	100-150-200-250-300-350-400-450-500-600-700-800-900-1000-1100*
For burner Multicalor/Multiflam/Maior from 1800 to 2300	1100-1200-1300-1400-1500-1600-1800-2000*

*other deliveries available on request

Oil Separate Pumping Unit
Pumping unit 800
Pumping unit 1000
Pumping unit 1800
Pumping unit 2300

GAS TRAINS: MAX GAS

Configuration	MB-DLE MultiBloc Dungs MAX GAS 40-250	∅	Code
<p>EN676</p> <p>MultiBloc Dungs: compact double solenoid valve with integrated filter, regulator and min pressure switch.</p> <p>WARNING: EN676 compulsory kit and accessories in order to comply to the safety regulations. Additional accessories and kits shall be installed by the installer in accordance to the local safety regulations and codes of practise.</p>	GT-D1-MBC65DLE-RP15-MAXGAS40-120	RP 15 - 1/2"	3141885
	GT-D1-MBC120DLE-RP20-MAXGAS40-120	RP 20 - 3/4"	3141886
	GT-D1-MBDLE403-RP15-MAXGAS40-120	RP 15 - 1/2"	3123944
	GT-D1-MBDLE405-RP20-MAXGAS40-120	RP 20 - 3/4"	3123560
	GT-D1-MBDLE407-RP20-MAXGAS170-250	RP 20 - 3/4"	3123525
	GT-D1-MBDLE410-RP25-MAXGAS170-250	RP 25 - 1"	3123947
	GT-D1-MBDLE412-RP32-MAXGAS170-250	RP 32 - 1" 1/4	3141899
	GT-D1-MBDLE415-RP40-MAXGAS170-250	RP 40 - 1" 1/2	3123969
	MB-ZRDLE MultiBloc Dungs MAX GAS 40-250	∅	Code
	GT-D2-MBZRDLE405-RP20-MAXGAS40-120	RP 20 - 3/4"	3123960
	GT-D2-MBZRDLE407-RP20-MAXGAS170-250	RP 20 - 3/4"	3123961
	GT-D2-MBZRDLE410-RP25-MAXGAS170-250	RP 25 - 1"	3123962
	GT-D2-MBZRDLE412-RP32-MAXGAS170-250	RP 32 - 1" 1/4	3141901
	GT-D2-MBZRDLE415-RP40-MAXGAS170-250	RP 40 - 1" 1/2	3123879
	MB-DLE MultiBloc Dungs MAX GAS 350-500	∅	Code
	GT-D2-MBDLE407-RP20-MAXGAS350-500	RP 20 - 3/4"	3142392
	GT-D2-MBDLE410-RP25-MAXGAS350-500	RP 25 - 1"	3142665
	GT-D2-MBDLE412-RP32-MAXGAS350-500	RP 32 - 1" 1/4	3142295
	GT-D2-MBDLE415-RP40-MAXGAS350-500	RP 40 - 1" 1/2	3142296
Configuration	VCS Kromschröder MAX GAS 170-250	∅	Code
<p>Export EN676 + FGDR</p> <p>Double solenoid valves VCS Kromschröder and min pressure switch + ACS gas governor & filter</p>	GT-K1-VCS125-RP25-MAXGAS170-250	RP 25 - 1"	3141906
	GT-K1-VCS240-RP40-MAXGAS170-250	RP 40 - 1" 1/2	3142251
	VCS Kromschröder MAX GAS 350-500	∅	Code
	GT-K2-VCS125-RP25-MAXGAS350-500	RP 25 - 1"	3142374
	GT-K2-VCS240-RP40-MAXGAS350-500	RP 40 - 1" 1/2	3142375
	GT-K2-VCS350-RP50-MAXGAS350-500	RP 50 - 2"	3142376
Configuration	Export gas trains MAX GAS 40-250	∅	Code
<p>Only Export (not EN676)</p>	GT-D1-GBLE055-RP15-MAXGAS40-120	RP 15 - 1/2"	3142027
	GT-B1-E6GSRP-RP15-MAXGAS40-120	RP 15 - 1/2"	3141888
	GT-B1-EG12L-RP15-MAXGAS40-120	RP 15 - 1/2"	3141887
	GT-K1-VAS125-RP25-MAXGAS170-250	RP 25 - 1"	3142815
	GT-K1-VAS240-RP40-MAXGAS170-250	RP 40 - 1" 1/2	3142816

GAS TRAINS: BLU, MULTICALOR AND MULTIFLAM

Configuration	MB-DLE MultiBloc Dungs		Ø	Code
EN676 MultiBloc Dungs: compact double solenoid valve with integrated filter, regulator and min pressure switch	GT-D2-MBDLE407-RP20-BLU/MULTI		RP 20 - 3/4"	3141843
	GT-D2-MBDLE410-RP25-BLU/MULTI		RP 25 - 1"	3142022
	GT-D2-MBDLE412-RP32-BLU/MULTI		RP 32 - 1" 1/4	3141845
	GT-D2-MBDLE415-RP40-BLU/MULTI		RP 40 - 1" 1/2	3141846
	GT-D2-MBDLE420-RP50-BLU/MULTI		RP 50 - 2"	3141847
Configuration	VCS Kromschröder		Ø	Code
Export / EN676 + FGDR Double solenoid valves VCS Kromschröder and min pressure switch + ACS gas governor & filter	GT-K2-VCS125-RP25-BLU/MULTI		RP 25 - 1"	3142024
	GT-K2-VCS240-RP40-BLU/MULTI		RP 40 - 1" 1/2	3142025
	GT-K2-VCS350-RP50-BLU/MULTI		RP 50 - 2"	3141862
Configuration	VGD Siemens		Ø	Code
Export / EN676 + FGDR Double gas valves with actuators and regulator VGD Siemens and min pressure switch + ACS gas filter. Default blank spring: head pressure 0...22 mbar WARNING: from BLU 3000.1 - MULTICALOR 300.1 - MULTIFLAM 300.1 change spring and damping	GT-S2-VGD20-RP50-BLU/MULTI		RP 50 - 2"	3123860
	GT-S2-VGD40-DN65-BLU/MULTI		DN 65 - 2" 1/2	3124110
	GT-S2-VGD40-DN80-BLU/MULTI		DN 80 - 3"	3142026
	GT-S2-VGD40-DN100-BLU/MULTI		DN 100 - 4"	3141869
	GT-S2-VGD40-DN100+VDK-BLU/MULTI		DN 100 - 4" + VDK	3141871
	GT-S2-VGD40-DN125-BLU/MULTI		DN 125 - 5"	3142666
	GT-S2-VGD40-DN125+VDK-BLU/MULTI		DN 125 - 5" + VDK	3141872
	Yellow setpoint spring for SKP25...		Head pressure: 15...120 mbar	3142204
	Damping throttle for SKP25...			3142207
		Gas trains include ACTUATORS		

GAS TRAINS: ELECTRONIC BURNERS (BLU/MULTICALOR PRE)

Configuration	MB-DLE MultiBloc Dungs	Ø	Code	
EN676 MultiBloc Dungs: compact double solenoid valve with integrated filter, regulator and min pressure switch	GT-D2-MBDLE407-RP20-BLU/MULTI PS2	RP 20 - 3/4"	3144269	
	GT-D2-MBDLE410-RP25-BLU/MULTI PS2	RP 25 - 1"	3144270	
	GT-D2-MBDLE412-RP32-BLU/MULTI PS2	RP 32 - 1" 1/4	3144271	
	GT-D2-MBDLE415-RP40-BLU/MULTI PS2	RP 40 - 1" 1/2	3144272	
	GT-D2-MBDLE420-RP50-BLU/MULTI PS2	RP 50 - 2"	3144273	
Configuration	VCS Kromschröder	Ø	Code	
Export / EN676 + FGDR Double solenoid valves VCS Kromschröder and min pressure switch + ACS gas governor & filter	GT-K2-VCS125-RP25-BLU/MULTI PS2	RP 25 - 1"	3144274	
	GT-K2-VCS240-RP40-BLU/MULTI PS2	RP 40 - 1" 1/2	3144275	
	GT-K2-VCS350-RP50-BLU/MULTI PS2	RP 50 - 2"	3144276	
Configuration	VGD Siemens	Ø	Code	
Export / EN676 + FGDR Double gas valves with actuators and regulator VGD Siemens and min pressure switch + ACS gas filter. Default blank spring: head pressure 0...22 mbar WARNING: from BLU 3000.1 - MULTICALOR 300.1 - MULTIFLAM 300.1 change spring and damping	GT-S2-VGD20-RP50-BLU/MULTI PS2	Gas trains include ACTUATORS	RP 50 - 2"	3144277
	GT-S2-VGD40-DN65-BLU/MULTI PS2		DN 65 - 2" 1/2	3144278
	GT-S2-VGD40-DN80-BLU/MULTI PS2		DN 80 - 3"	3144279
	GT-S2-VGD40-DN100-BLU/MULTI PS2		DN 100 - 4"	3144280
	GT-S2-VGD40-DN125-BLU/MULTI PS2		DN 125 - 5"	3144282
	Yellow setpoint spring for SKP25...		Head pressure: 15...120 mbar	3142204
	Damping throttle for SKP25...	3142207		

GAS TRAIN CONNECTION PIPE

Configuration	Description	Designation	Code
<p>WARNING: From BLU 1700.1 - MULTICALOR 170.1 - MULTIFLAM 200.1, in order to fit the gas train, the corresponding connection pipe must be ordered (GTCP size and fitting depend on the burner and the gas train selected)</p>	GTCP RP50 DN65 platform 260	GTCP-RP50-DN65-260	3141842
	GTCP RP50 platform 280	GTCP-RP50-280	3142074
	GTCP RP50 platform 280/320/380	GTCP-RP50-320/380	3142075
	GTCP RP50 BLU 1500 with MB415-420	GTCP-RP50-BLU1500-MB415-420	3142076
	GTCP RP50 adaptor MULTIFLAM	GTCP-RP50-ADAPTOR-MULTIFLAM	3143080
	GTCP DN65 platform 260/280/320	GTCP-DN65-260/280/320	3142197
	GTCP DN80 platform 260/280/320 *	GTCP-DN80-260/280/320	3142069
	GTCP DN65 platform 380	GTCP-DN65-380	3142071
	GTCP DN80 platform 380 *	GTCP-DN80-380	3142070
	GTCP reducer from DN80 to DN65 MULTIFLAM	GTCP-REDUCERDN80TODN65	3142935
	GTCP reducer from DN100 to DN80 platform 320/380 (*)	GTCP-REDUCERDN100TODN80	3142073
	GTCP reducer from DN125 to DN80 platform 320/380 (*)	GTCP-REDUCERDN125TODN80	3143105
	GTCP DN125 platform 380	GTCP-DN125-380	3142198
	GTCP DN65 platform 630	GTCP-DN65-630	3142423
	GTCP DN80 platform 630/710	GTCP-DN80-630/710	3142424
	GTCP DN100 platform 630/710	GTCP-DN100-630/710	3142422
	GTCP DN125 platform 630/710	GTCP-DN125-630/710	3142422
	GTCP reducer from DN125 to DN100	Both codes necessary for gas train DN125 GTCP-REDUCERDN125TODN100	3142425

KIT AND ACCESSORIES FOR GAS

GAS GOVERNOR AND FILTER FGDR		Max gas pressure	Code
RP 15 - 1/2" *	* Default spring is neutral for outlet pressure range 10-30 mbar	500 mbar	3142519
RP 20 - 3/4" *		500 mbar	3142520
RP 25 - 1" *		500 mbar	3142521
RP 32 - 1" 1/4 *		500 mbar	3142522
RP 40 - 1" 1/2 *		500 mbar	3142523
RP 50 - 2" *		500 mbar	3142524
FS1B RP50 - 2"		1 bar	3142051
FS1B DN 65 - 2" 1/2		1 bar	3141983
FS1B DN 80 - 3"		1 bar	3142538
FS1B DN 100 - 4"		1 bar	on request
FS1B DN 125 - 5"		1 bar	on request

SPRING FOR GAS GOVERNOR AND FILTER FGDR	Gas pressure range	Code
Green spring FGDR 15-20-25	5÷15 mbar	3142547
Neutral spring FGDR 15-20-25	10÷30 mbar	3142548
Violet spring FGDR 15-20-25	25÷80 mbar	3142549
Brown spring FGDR 15-20-25	70÷160 mbar	3142550
Blue spring FGDR 15-20-25	150÷280 mbar	3142551
White spring FGDR 15-20-25	270÷350 mbar	3142552
Green spring FGDR 32-40	5÷15 mbar	3142553
Neutral spring FGDR 32-40	10÷25 mbar	3142554
Violet spring FGDR 32-40	20÷70 mbar	3142555
Brown spring FGDR 32-40	65÷130 mbar	3142556
White spring FGDR 32-40	120÷250 mbar	3142557
Black spring FGDR 32-40	240÷350 mbar	3142558
Green spring FGDR 50	5÷15 mbar	3142559
Neutral spring FGDR 50	10÷35 mbar	3142560
Violet spring FGDR 50	30÷80 mbar	3142561
Brown spring FGDR 50	70÷220 mbar	3142562
Blue spring FGDR 50	210÷350 mbar	3142563
Red spring FS1B DN 65-80	25-80 mbar	3144252
Violet spring FS1B DN 65-80	60-120 mbar	3144253
Blue spring FS1B DN 65-80	100-220 mbar	3144254
White spring FS1B DN 65-80	200-450 mbar	3144255
Red spring ST1B DN 100	30-70 mbar	3144256
Violet spring ST1B DN 100	60-110 mbar	3144257
Brown spring ST1B DN 100	100-210 mbar	3144258
White spring ST1B DN 100	200-450 mbar	3144060

GAS TRAINS, KITS AND ACCESSORIES

GAS FILTER	Code
RP 15 - 1/2"	3141957
RP 20 - 3/4"	3142045
RP 25 - 1"	3142046
RP 40 - 1" 1/2	3141954
RP 50 - 2"	3121384
DN 65 - 2" 1/2	3124111
DN 80 - 3"	3142088
DN 100 - 4"	3142205
DN 125 - 5"	3142206

ANTIVIBRATION COUPLING	Code
RP 15 - 1/2"	3122321
RP 20 - 3/4"	3122322
RP 25 - 1"	3122323
RP 32 - 1" 1/4	3122324
RP 40 - 1" 1/2	3122325
RP 50 - 2"	3122326
DN 65 - 2" 1/2	3142060
DN 80 - 3"	3122328
DN 100 - 4"	3122329
DN 125 - 5"	3142061

MANUAL VALVE	Code
RP 15 - 1/2"	3142000
RP 20 - 3/4"	3142254
RP 25 - 1"	3121430
RP 32 - 1" 1/4	3142253
RP 40 - 1" 1/2	3142101
RP 50 - 2"	3142102
DN 65 - 2" 1/2	3142062
DN 80 - 3"	3143730
DN 100 - 4"	3141997
DN 125 - 5"	3141998

GAS TRAINS, KITS AND ACCESSORIES

TIGHTNESS CONTROL	Designation	Code
Kit tightness control VPS504 for VCS gas valve	KITTC-VPS504-VCS	3141929
Kit tightness control VPS504 LPG for VCS gas valve	KITTC-LPGVPS504-VCS	3142238
Kit tightness control VPS504 for MB and VGD65-80 valve	KITTC-VPS504-MB-VGDDN65-80	3122303
Kit tightness control VPS504 LPG for MB and VGD65-80 valve	KITTC-LPGVPS504-MB-VGDDN65-80	3142190
Kit tightness control VPS504 for VGD20503 valve	KITTC-VPS504-VGD20503	3122305
Kit tightness control VPS504 LPG for VGD20503 valve	KITTC-LPGVPS504-VGD20503	3142688
Kit tightness control VDK for VGD100-125	KITTC-VDK200	3141922
Kit tightness control LDU	KITTC-LDU11	3142314
Kit adaptor for kit VPS pilot gas train		3142754

MAXIMUM GAS PRESSURE SWITCH	Output range	Gas pressure	Code
KITPRES50	100÷5800 kW	2,5÷50 mbar	3141921
KITPRES150	7000÷25000 kW	30÷150 mbar	3142033

MANOMETER + PUSH BUTTON	Ø	Code
Gas manometer	0...60 mbar 1/2"	3142056
Gas manometer	0...250 mbar 1/4"	3142055
Gas manometer	0...1000 mbar 1/4"	3142054
Push button 1/4"	Diameter 1/4"	3142058
Push button 1/2"	Diameter 1/2"	3142057

KIT LPG	Burner	Code
KITLPG-MAXGAS40-120	MAX GAS 40-120	3122301
KITADAPTOR-MAXGAS40-120	MAX GAS 40-120	3122299
KITLPG-MAXGAS170-250	MAX GAS 170-250	3122302
KITADAPTOR-MAXGAS170-250	MAX GAS 170-250	3122300
KITLPG-MAXGAS350-500	MAX GAS 350-500	3142431
KITLPG-BLU500.1	BLU 500.1	3124487
KITLPG-BLU700.1	BLU 700.1	3124488
KITLPG-BLU1000.1-1500.1	BLU 1000.1-1200.1-1500.1	3124489
KITLPG-BLU1700.1-2000.1	BLU 1700.1-2000.1	3142667
Other model kit on request		

SWIRL SYSTEM		Code
Swirls for head that can reduce flame length up to 10-50% depending on fuel, backpressure and shape of combustion chamber	Available for different fuel burner head	on request

GAS TRAINS, KITS AND ACCESSORIES

KIT AND ACCESSORIES FOR OIL

KIT FOR AUTOMATIC FUEL SWITCH GAS/OIL FOR DUAL FUEL BURNERS		Code
KIT-AUTOMATICFUELSWITCH-MULTI	MULTICALOR - MULTIFLAM	3142021
Standard version running on manual fuel selection mode and with the automatic changeover the system change fuel triggered by a gas pressure switch or by a timer		

KIT BIODIESEL	Description	Code
KITBIODIESEL-PUMP-AS47	MAX 1-30 and MAX P 25 AB HS	3141917
KITBIODIESEL-PUMP-AT2/AT3	MAX P 12-15 AB HS	3124103

MAGNETIC + SELF-CLEANING FILTER	Description	Code
KITOIL50KG-MAGNETIC+SELF-CLEANING-Filter	MAXFLAM RANGE	3142092
KITOIL250KG-MAGNETIC+SELF-CLEANING-Filter	OILFLAM RANGE	3141965

KIT WIELAND PLUGS	Description	Code
KITWP-MAIOR35-300.1PAB	MAIOR 45 - 300.1	3142037
KITWP-BLU500.1-2000.1PAB	BLU 500.1 - 2000.1 PAB	3142034
KITWP-BLU/MULTICALOR-PR/MD	BLU - MULTICALOR PR/MD	3141932

SEPARATE PRE-HEATER UNIT	Code
From OILFLAM 300.1 pre-heater can be supplied separately with extra cost	on request

LIGHT OIL PUMPING UNIT	Code
Separate service tanks and pump units	on request

HEAVY OIL HEATING AND PUMPING UNIT	Code
"OIL RING" can be design and delivered assembled on skid or offered as single component	on request

DIAGNOSTIC TOOLS FOR THERMOWATT CONTROL

Description	Code
E-BCU Diagnostic tool for 1 stage BCU	3142931
PC interface for BCU	3833018

LOAD CONTROLLER - PROBE

MODULATING PID CONTROLLER - KIT FOR PROGRESSIVE VERSION	Designation	Code
Kit for progressive version	KITMD-RWF50	3143713
Kit for progressive version	only for MAX GAS 350/500 PR TW	3143922
Kit for progressive version	only for MULTICALOR 45-70-100-140 PR-AB	3144025
Kit for progressive version	KITMD-RWF55	3143714

MATCHING PROBE FOR FULL MD VERSION	Designation	Code
Water probe up to 0÷130 °C	PROBE-WATER130C	3122316
Steam probe 0÷2 bar	PROBE-STEAM2BAR	3124100
Steam probe 0÷4 bar	PROBE-STEAM4BAR	3122317
Steam probe 0÷10 bar	PROBE-STEAM10BAR	3122318
Steam probe 0÷16 bar	PROBE-STEAM16BAR	3122319
Steam probe 0÷40 bar	PROBE-STEAM40BAR	3122320
External probe from -35 ° up to 50 °C	PROBE-EXTERNAL50C	3122315
Hot air or liquid probe up to 0÷450 °C	PROBE-HOTAIR-LIQUID450C	3122314

SILENCER

Platform	Gas	Light oil	Heavy oil	Gas/light oil	Gas/heavy oil	Code
KITSIL-260	BLU 700.1 - 1200.1	MAIOR 45 - 120	OILFLAM 50.1 - 120.1	MULTICALOR 45 - 140	MULTIFLAM 50.1 - 120.1	3141911
KITSIL-280	BLU 1500.1 - 2000.1	MAIOR 150.1 - 200.1	OILFLAM 170.1 - 200.1	MULTICALOR 170.1 - 200.1	MULTIFLAM 170.1 - 200.1	3122298
KITSIL-320	BLU 3000.1 - 4000.1	MAIOR 300.1 - 400.1	OILFLAM 300.1 - 400.1	MULTICALOR 300.1 - 400.1	MULTIFLAM 300.1 - 400.1	3141913
KITSIL-380	BLU 5000.1 - 6000.1	MAIOR 500.1 - 600.1	OILFLAM 500.1 - 600.1	MULTICALOR 500.1 - 600.1	MULTIFLAM 500.1 - 600.1	3141914
KITSIL-630	BLU 7000.1 - 12000.1	MAIOR 700.1 - 1200.1	OILFLAM 700.1 - 1200.1	MULTICALOR 700.1 - 1200.1	MULTIFLAM 700.1 - 1200.1	3142276
KITSIL-710	BLU 15000.1 - 18000.1	MAIOR 1500.1 - 1800.1	OILFLAM 1500.1 - 1800.1	MULTICALOR 1500.1 - 1800.1	MULTIFLAM 1500.1 - 1800.1	3142668
DUOBLOCK	Separate ventilator silencer / Sound proof platform on request					
ACS available starting from 2 MW = Platform 280						

GUIDE FOR ELECTRONIC OPTIONS

Desired option / Burners with BT300 control	LEM/LCM module variant	FC preparation variant (include VSM module)	Frequency converter KIT	O ₂ KIT	O ₂ + CO KIT	PID load controller KIT	Probes	ModBUS/Profibus KITS
Power modulation with PID						•	•	
Frequency converter (external)	•	•	•					
O ₂ control	•			•				
O ₂ +CO control	•				•			
BUS communication	•							•

NOTE: dual fuel burners include LEM/LCM module.

OPTIONS FOR ELECTRONIC BURNERS (BLU/MULTICALOR PRE)

BURNER VARIANTS (options already mounted in factory)

LEM/LCM MODULE (for communication, O ₂ control, frequency converter)	Code
Module mounted in factory, requested for O ₂ control, Variatron and communication buses connections (note: only one LEM/LCM module is necessary for these 3 options)	on request

FREQUENCY CONVERTER ARRANGEMENT	Code
Burner prepared to be connected to an external frequency converter; this variant includes the VSM module to control the frequency converter Warning: LEM/LCM module is requested and must be order separately (this variant does not include the module). For frequency converter models selection see dedicated section.	on request

KITS (delivered separately)

O ₂ /CO REGULATION	Code
Device for adjustment of the combustion air excess in order to compensate any variations in the calorific value of the fuel, in the temperature and in the pressure of the combustion air. The regulator is installed in a dedicated electrical panel separate from the burner near the probe that measures the level of oxygen in the fumes. The calibration of the probe does not require a reference gas, the correction curve is defined in the dedicated equipment for acquisition and processing of signals and then sent to the control unit BT3xx via the external module LEM. The correction of the air excess value is carried out on the position of the air damper and the fan speed controller ensuring a high and constant thermal efficiency during the whole heating season. The value of air excess is immediately displayed on the screen as a percentage.	
Kit for O ₂ and CO control (delivered separately) Warning: LEM/LCM module is requested.	Kit O ₂ LT2/LS2 / 300 mm 3751129
	Kit O ₂ /CO LT2/KS1 / 300 mm 3751128

REMOTE SOFTWARE		Code
Kit to connect a PC laptop to the BT300 for its parametrization	LSA100 + USB/CAN + CD-Rom	3751130

COMMUNICATION MODULES		Code
Module for external installation	ModBus/BT3	available on request
	ProfiBus/BT3	available on request
	Ethernet/BT3	in progress

FREQUENCY CONVERTER: VARIATRON (external installation)		Code
Frequency converter IP 54		
3 kW		on request
4 kW		on request
5,5 kW		on request
7,5 kW		on request
11 kW		on request
15 kW		on request
18,5 kW		on request
22 kW		on request
30 kW		on request
37 kW		on request
45 kW		on request
55 kW		on request
Frequency converter IP 20		
3 kW		on request
4 kW		on request
5,5 kW		on request
7,5 kW		on request
11 kW		on request
15 kW		on request
18,5 kW		on request
22 kW		on request
30 kW		on request
37 kW		on request
45 kW		on request
55 kW		on request

BURNER SELECTION FORM

SECTION 1 - GENERAL INFORMATION

CUSTOMER - COUNTRY

REFERENCE SALES PERSON

REQUEST DATE

INSTALLATION LOCATION

SEGMENT heating bakery projects
 heating OEM dryers other industry

SECTION 2 - BOILER INFORMATION

BOILER TYPE three pass boiler Boiler brand
 reverse flame boiler Boiler model
 water tube boiler diathermic boiler Boiler manuf. year

APPLICATION TYPE incinerator oven

HEAT TRANSFER MEDIUM steam (saturated) steam (superheated) hot water salt / oil others

POWER REQUIREMENT Boiler Output [kW] Boiler Input [kW] Boiler efficiency [%] Burner power [kW]

FURNACE CHAMBER DATA Backpressure [mbar] Furnace position Required blast tube Length

ELECTRICAL SUPPLY DATA Voltage single phase Voltage three phase Frequency Required IP factor

BOILER LOCATION outdoor indoor

HEIGHT ABOVE SEA LEVEL [m]

1 kW = 860 kcal/h

DIMENSIONS [mm] Inner diameter Length Return chamber length Height Width

OTHER STEAM OTHER

STEAM CAPACITY Required steam pressure [TPH] Steam temperature [°C] Medium temperature [°C] Medium inlet temperature [°C]

110 V	220 V	230 V	240 V	440 V	460 V	480 V
220 V	380 V	400 V	415 V	440 V	460 V	480 V
50 Hz	60 Hz					
IP40	IP54					

other:

SECTION 3 - FUEL INFORMATION

LIGHT OIL - HEAVY OIL

GAS / LPG

BIOGAS-TOWNGAS (Max H₂S<0.1%)

Type: Type: Type:

Lower calorific value [kcal/kg] Lower calorific value [kcal/m³] Lower calorific value [kcal/m³]

Viscosity at 50 °C [°E] Supply pressure [mbar] Supply pressure [mbar]

Required flowrate [kg/h] Required flowrate [m³/h] Required flowrate [m³/h]

BURNER SELECTION FORM

SECTION 4 - BURNER

BURNER TYPE

Monoblock

Duoblock

Combustion air temperature
Heat exchanger pressure losses
Current fan (if existing):

[]	[°C] (Max 200 °C)
[]	[mbar]
[]	[m³/h]
[]	[mbar]

BURNER POWER

refer to the field "burner power" in the section "power requirement"

NOMINAL TURNDOWN RATIO

mechanical:	1:3
electronic:	1:6

electronic with inverter:	1:8
electronic with inverter:	1:10

EMISSIONS LEVEL

NOx:
CO:

Gas:	<120 mg/kWh	<80 mg/kWh	<120 mg/kWh
	Class 2	Class 3	
EN676	0...100 mg/kWh		

Light Oil:	<250 mg/kWh	<185 mg/kWh	<120 mg/kWh
	Class 1	Class 2	Class 3
EN267	0...110 mg/kWh		0...60 mg/kWh

FUEL SUPPLY

single fuel
two fuels
three fuels

FUEL 1:
FUEL 2:
FUEL 3:

 Automatic fuel changeover

CONTROL TYPE

1 stage
2 stages
2 stage progressive
modulating mechanical with PID
modulating electronic

OPTIONS FOR ELECTRONIC VERSION

inverter (modulating electronic only)
O₂ trim (modulating electronic only)
CO trim (modulating electronic only)

ELECTRICAL CONFIGURATION

standard electrical panel
loosen form with derivative panel
separate switch cabinet

Other requirements: specify

[]

SECTION 5 - GAS TRAIN CONFIGURATION

Gas train type

Dungs MultiBloc
Siemens VGD
Kromschroder VCS
Honeywell

Gas governor and filter

[]	FGDR Max 500 mbar
[]	FS1B Max 1 bar
[]	ST4B Max 4 bar
[]	Filter Max 1 bar

Tightness control

[]	VPS
[]	VDK
[]	LDU
[]	Electronic

Maximum pressure switch

[]	KITPRESS0
[]	up to 6 MW
[]	KITPRES150
[]	up to 25 MW

Other requirements: specify

[]

NOTES - ADDITIONAL INFORMATION

[]

[]

[]

[]

[]

[]



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ECOFLAM Bruciatori S.p.A. reserves the right to make any adjustments, without prior notice, which is considered necessary or useful to its products, without affecting their main features.

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