

BURNER IDENTIFICATION FOR TYPE AND MODELS

SERIES

NOVANTA CINQUECENTO MILLE DUEMILA

TYPE

R..., RX..., PG..., RG..., N..., PN..., RN..., PBY...,
HR..., HRX..., KP..., KR..., TP..., TLX..., TG..., TN...,
TPBY..., HTP..., KTP..., URB



Model:

M-. AB. S. GB. A. 1. 65. xx

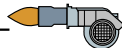
FUEL

- | | |
|-----------------|--|
| M - NATURAL GAS | N - HEAVY OIL up to 50 cSt at 50°C (7°E - 50°C) |
| L - L.P.G. | D - HEAVY OIL up to 400 cSt at 50°C (50°E a 50°C) |
| B - BIOGAS | H - HEAVY OIL up to 4000 cSt at 50°C (530°E - 50°C) |
| C - TOWN GAS | MG - DUAL FUEL BURNERS NATURAL GAS - LIGHT OIL |
| G - LIGHT OIL | MN - DUAL FUEL BURNERS NATURAL GAS - HEAVY OIL up to 50 cSt at 50°C (7°E - 50°C) |
| A - BIO DIESEL | MD - DUAL FUEL BURNERS NATURAL GAS - HEAVY OIL up to 400 cSt at 50°C (50°E a 50°C) |
| K - KEROSENE | MH - DUAL FUEL BURNERS NATURAL GAS - HEAVY OIL up to 4000 cSt at 50°C (530°E a 50°C) |



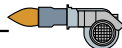
OPERATION

- AB - HIGH-LOW FLAME
PR - PROGRESSIVE
MD - FULLY MODULATING



COMBUSTION HEAD

- S - STANDARD
L - LONG



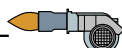
COUNTRY DESTINATION

- GB UNITED KINGDOM
... AVAILABLE FOR OTHER COUNTRIES UPON REQUEST



BURNER MANUFACTURE

- A STANDARD
Y SPECIAL
G CONTROL PANEL AND JUNCTION BOX
E JUNCTION BOX



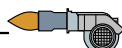
EQUIPMENT

- 1 2 GAS VALVES AND LEAKAGE CONTROL
8 2 GAS VALVES + LEAKAGE CONTROL AND MAXIMUM GAS PRESSURE SWITCH



GAS CONNECTION

- | | |
|---------|-----------|
| 50 DN50 | 100 DN100 |
| 65 DN65 | 125 DN125 |
| 80 DN80 | |



ELECTRONIC VERSION

- | | |
|---|---|
| EA Medium-large burners complete with electronic cam | ES Medium-large burners complete with electronic cam, without O ₂ control, without Inverter. |
| EB Medium-large burners complete with electronic cam and inverter | EO Medium-large burners complete with electronic cam and O ₂ control, without Inverter |
| EC Medium-large dual fuel burners complete with electronic cam | EI Medium-large burners complete with electronic cam and Inverter, without O ₂ control |
| ED Medium-large dual fuel burners complete with electronic cam and inverter | EK Medium-large burners complete with electronic cam with O ₂ control and with Inverter |



For burner configurations in Lamtec version with O₂ + CO oxygen control, please contact our sales department.

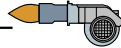
BURNER IDENTIFICATION FOR TYPE AND NEW MODELS

SERIES

NOVANTA CINQUECENTO MILLE

TYPE

G..., H..., K..., N...



Model:

A. M-. AB. SR. GB. A. 1. 65. xx. xxx

A - STANDARD
X - LOW NOX

P - PREMIXED
Y - PNEUMATIC

FUEL

M - NATURAL GAS
L - L.P.G.
B - BIOGAS
C - TOWN GAS
G - LIGHT OIL
A - BIO DIESEL
K - KEROSENE

N - HEAVY OIL up to 50 cSt at 50°C (7°E - 50°C)
D - HEAVY OIL up to 400 cSt at 50°C (50°E a 50°C)
H - HEAVY OIL up to 4000 cSt at 50°C (530°E - 50°C)
MG - DUAL FUEL BURNERS NATURAL GAS - LIGHT OIL
MN - DUAL FUEL BURNERS NATURAL GAS - HEAVY OIL up to 50 cSt at 50°C (7°E - 50°C)
MD - DUAL FUEL BURNERS NATURAL GAS - HEAVY OIL up to 400 cSt at 50°C (50°E a 50°C)
MH - DUAL FUEL BURNERS NATURAL GAS - HEAVY OIL up to 4000 cSt at 50°C (530°E a 50°C)

OPERATION

AB - HIGH-LOW FLAME
PR - PROGRESSIVE
MD - FULLY MODULATING

COMBUSTION HEAD AND AIR INLET

SR - STANDARD COMBUSTION HEAD WITH SILENCER
LR - LONG COMBUSTION HEAD WITH SILENCER

COUNTRY DESTINATION

GB UNITED KINGDOM
... AVAILABLE FOR OTHER COUNTRIES UPON REQUEST

BURNER MANUFACTURE

A STANDARD
Y SPECIAL
G CONTROL PANEL AND JUNCTION BOX
E JUNCTION BOX

EQUIPMENT

1 2 GAS VALVES AND LEAKAGE CONTROL
8 2 GAS VALVES + LEAKAGE CONTROL AND MAXIMUM GAS PRESSURE SWITCH

GAS CONNECTION

50 DN50 100 DN100
65 DN65 125 DN125
80 DN80

ELECTRONIC VERSION

EA Medium-large burners complete with electronic cam
EB Medium-large burners complete with electronic cam and inverter
EC Medium-large dual fuel burners complete with electronic cam
ED Medium-large dual fuel burners complete with electronic cam and inverter
ES Medium-large burners complete with electronic cam, without O₂ control, without Inverter.
EO Medium-large burners complete with electronic cam and O₂ control, without Inverter
EI Medium-large burners complete with electronic cam and Inverter, without O₂ control
EK Medium-large burners complete with electronic cam with O₂ control and with Inverter

EF Medium-large burners complete with electronic cam and temperature-compensated flue gas recirculation FGR without O₂ monitoring, without inverter
EG Medium-large burners complete with electronic cam, inverter and temperature-compensated flue gas recirculation FGR without O₂ monitoring
EP Medium-large burners complete with electronic cam and temperature-compensated flue gas recirculation FGR with O₂ monitoring and without inverter
ER Medium-large burners complete with electronic cam, inverter and temperature-compensated flue gas recirculation FGR with O₂ monitoring

FLUE GAS RECIRCULATION

FGR flue gas recirculation FGR

For burner configurations in Lamtec version with O₂ + CO oxygen control, please contact our sales department.

EXAMPLE OF THE NEW RANGE CONFIGURATION



CIB UNIGAS BURNERS

CIB UNIGAS S.P.A.

Via L. Galvani, 9 35011
Campodarsego (PD) ITALIA



| | |
|--------------|-----------------------|
| Type | K750X |
| Model | M-MD.SR.GB.A.1.100.EA |
| Year | 2019 |
| S. Number | 1992223 |
| El. Supply | 400V 3N a.c. 50Hz |
| El. Consump. | 15,50 kW |
| Fan Motor | 15,0 kW |
| Protection | IP40 |
| Output | 1100 -7500 kW |
| Fuel | NATURAL GAS |
| Category | I2H |
| Gas pressure | Max 500 mbar |
| Destination | UNITED KINGDOM |
| P.I.N. | 0476CQ0750 |

| TYPE | | | MODEL | | | | | | |
|----------|------------|-------------------------------------|-------------|------------------|---|------------------------|-----------|----------------------------------|--------------------|
| K | 750 | X | M- | MD. | SR. | GB. | A. | 1.100. | EA |
| Model | Output | Low NO _x combustion head | Natural gas | Fully modulating | Short combustion head with air inlet silencer | Country United Kingdom | Standard | 2 gas valves and leakage control | Gas connection |
| | | | | | | | | | Electronic version |



CIB UNIGAS BURNERS

CIB UNIGAS S.P.A.

Via L. Galvani, 9 35011
Campodarsego (PD) ITALIA



| | |
|--------------|------------------------|
| Type | N1060X |
| Model | MG.MD.SR.GB.A.1.100.EC |
| Year | 2019 |
| S. Number | 1993330 |
| Output | 1550 - 10600 kW |
| Fuel | GAS/LIGHT OIL |
| Category | I2H |
| Gas pressure | Max 500 mbar |
| Viscosity | 2,0-7,4 cSt at 40°C |
| El. Supply | 400V 3N a.c. 50Hz |
| El. Consump. | 34,50 kW |
| Fan Motor | 30,00 kW |
| Protection | IP40 |
| Destination | UNITED KINGDOM |
| P.I.N. | - |

| TYPE | | | MODEL | | | | | | |
|----------|-------------|-------------------------------------|--------------------------|------------------|---|------------------------|-----------|----------------------------------|--------------------|
| N | 1060 | X | MG. | MD. | SR. | GB. | A. | 1.100. | EC |
| Model | Output | Low NO _x combustion head | Natural gas Light oil | Fully modulating | Short combustion head with air inlet silencer | Country United Kingdom | Standard | 2 gas valves and leakage control | Gas connection |
| | | | | | | | | | Electronic version |