

TECNO BLU

ONE STAGE LOW NOX OIL BURNERS

NEW



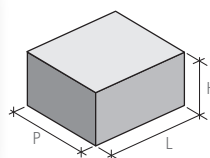
- Out power range from 14.5 kW up to 64 kW (from 1.22 Kg/h up to 5.4 Kg/h)
- All models of the TECNO BLU range are in NOx class 4 (<120 mg/kWh) in compliance with EN 267 European Standard
- The R models are supplied complete with a pre-heater to improve starting in cold locations
- Each component of burners has been designed to facilitate adjustment and maintenance
- Burners are supplied as standard with: Fixing flange and screws / Insulation flange gasket / 7-pin connector / Oil nozzle / 2 flexible pipes / Oil filter / Instructions manual

The TECNO BLU series complies with:

2006/42/EC Machinery Directive
2014/30/UE EMC Directive
2014/35/UE Low Voltage Directive
813/2013/UE Ecodesign Erp Regulation
EN267 European standard
2006/42/EC Efficiency
2011/65/EU RoHS2 Directive

PACKAGING DIMENSIONS (in mm)

Model	Packaging dimension (mm)			Total weight (Kg)
	L	P	H	
TECNO 4 BLU	420	390	270	8.4
TECNO 4 R BLU	420	390	270	8.4
TECNO 8 BLU	420	390	270	8.4
TECNO 8 R BLU	420	390	270	8.4



Burner model	Type of flame tube (3)	NOx class (2)	Operation	Flow rate (Kg/h)		Output power (kW)		Electrical supply	Motor absorption	Total absorption	Nozzle supplied	Code
				Min	Max	Min	Max	Phase/V/Hz	W	W		
TECNO 4 BLU	TC	4 (ERP)	One stage	1.22	3.79	14.5	45	1/230/50	75	350	Danfoss 0.60 60°S	0UEM7DXA
TECNO 4 R BLU (1)	TC	4 (ERP)	One stage	1.22	3.79	14.5	45	1/230/50	75	360	Danfoss 0.60 60°S	0UEM7KXA
TECNO 8 BLU	TC	4 (ERP)	One stage	2.11	5.4	25	64	1/230/50	90	400	Danfoss 0.85 60°S	0UEM9DXA
TECNO 8 R BLU (1)	TC	4 (ERP)	One stage	2.11	5.4	25	64	1/230/50	90	410	Danfoss 0.85 60°S	0UEM9KXA

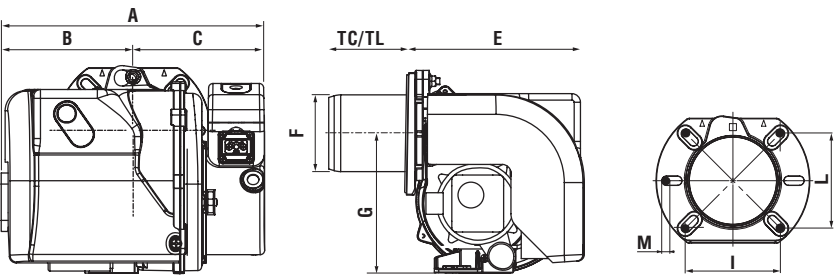
(1) R version with preheater

(2) NOx class 4 <120 mg/kWh in according with EN 267

(3) TC - Short flame tube

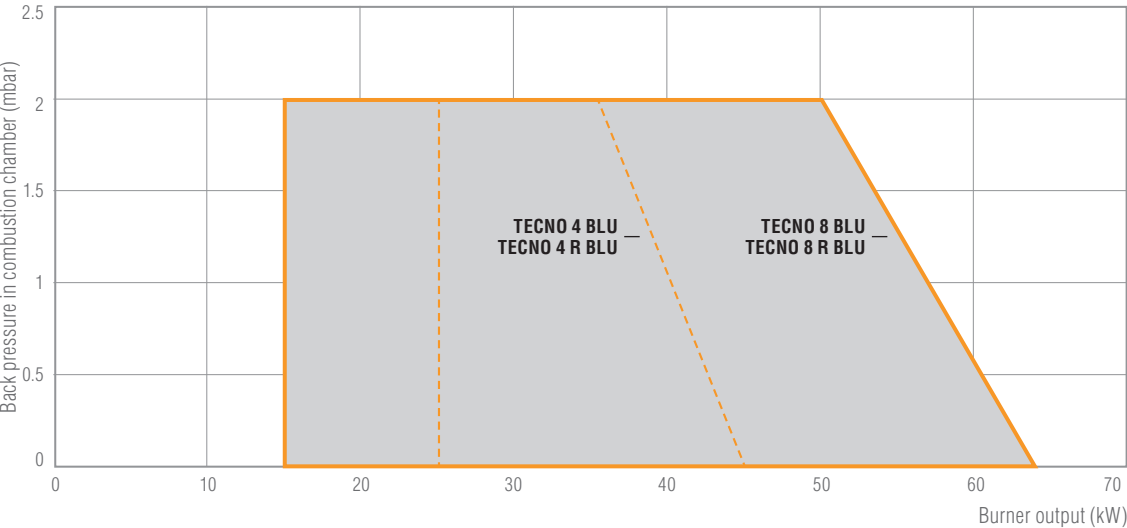
DIMENSIONS (in mm)

TECNO 4 BLU | TECNO 4 R BLU | TECNO 8 BLU | TECNO 8 R BLU



Model	Dimension (mm)										
	A	B	C	E	TC	TL	F	G	I	L	M
TECNO 4 BLU	297	149	148	204	90	-	89	160	90/107	90/107	M8
TECNO 4 R BLU	297	149	148	204	90	-	89	160	90/107	90/107	M8
TECNO 8 BLU	303	155	148	204	90	-	89	160	100/120	100/120	M8
TECNO 8 R BLU	303	155	148	204	90	-	89	160	100/120	100/120	M8

WORKING DIAGRAMS



TECNO/2 BLU

TWO STAGE LOW NOX OIL BURNERS

NEW



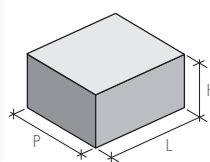
- Out power range from 32 kW up to 450 kW (from 2.7 Kg/h up to 37.94 Kg/h)
- All models of the TECNO/2 BLU range are in NOx class 4 (<120 mg/kWh) in compliance with EN 267 European Standard
- Available with two different combustion head lengths to favorite the matching with several combustion chambers
- Air gate control of the two-stage versions with hydraulic jack
- Each component of burners has been designed to facilitate adjustment and maintenance
- Burners are supplied as standard with: Fixing flange and screws / Insulation flange gasket / 7-pin connector / 4-pin connector / Oil nozzle / 2 flexible pipes / Oil filter / Instructions manual

The TECNO/2 BLU series complies with:

2006/42/EC Machinery Directive
2014/30/UE EMC Directive
2014/35/UE Low Voltage Directive
813/2013/UE Ecodesign Erp Regulation
EN267 European standard
2006/42/EC Efficiency
2011/65/EU RoHS2 Directive

PACKAGING DIMENSIONS (in mm)

Model	Packaging dimension (mm)			Total weight (Kg)
	L	P	H	
TECNO 12/2 BLU	420	390	270	8.4
TECNO 12/2 L BLU	420	390	270	8.4
TECNO 15/2 BLU	610	430	320	8.4
TECNO 15/2 L BLU	610	430	320	8.4
TECNO 25/2 BLU	610	430	320	17.3
TECNO 25/2 L BLU	610	430	320	17.3
TECNO 35/2 BLU	610	430	320	17.3
TECNO 35/2 L BLU	610	430	320	17.3
TECNO 50/2 BLU	610	430	320	17.3
TECNO 50/2 L BLU	610	430	320	17.3



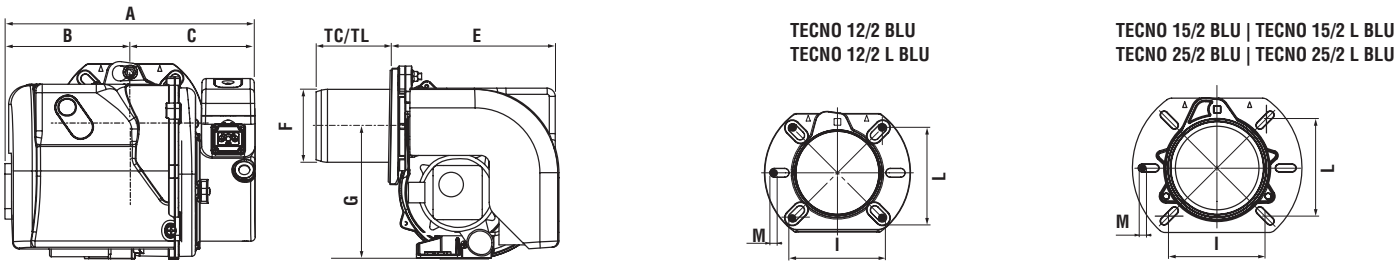
Burner model	Type of flame tube (3)	NOx class (2)	Operation	Flow rate (Kg/h)		Output power (kW)		Electrical supply	Motor absorption	Total absorption	Nozzle supplied	Code
				Min	Max	Min	Max	Phase/V/Hz	W	W		
TECNO 12/2 BLU	TC	4 (ERP)	Two stage	2.7	9.7	32	115	1/230/50	130	450	Danfoss 1.50 60°S	0UEBCDXA
TECNO 12/2 L BLU	TL	4 (ERP)	Two stage	2.7	9.7	32	115	1/230/50	130	450	Danfoss 1.50 60°S	0UEBCGXA
TECNO 15/2 BLU	TC	4 (ERP)	Two stage	5.54	14.33	65.7	172.1	1/230/50	160	500	Danfoss 2.25 60°S	0UEBEDXA
TECNO 15/2 L BLU	TL	4 (ERP)	Two stage	5.54	14.33	65.7	172.1	1/230/50	160	500	Danfoss 2.25 60°S	0UEBEGXA
TECNO 25/2 BLU	TC	4 (ERP)	Two stage	8.43	22.01	100	261	1/230/50	200	600	Danfoss 3.75 60°S	0UEBFDXA
TECNO 25/2 L BLU	TL	4 (ERP)	Two stage	8.43	22.01	100	261	1/230/50	200	600	Danfoss 3.75 60°S	0UEBFGXA
TECNO 35/2 BLU	TC	4 (ERP)	Two stage	11.79	32.43	140	385	1/230/50	550	700	Danfoss 4.50 60°B	0UEBGDXA
TECNO 35/2 L BLU	TL	4 (ERP)	Two stage	11.79	32.43	140	385	1/230/50	550	700	Danfoss 4.50 60°B	0UEBGGXA
TECNO 50/2 BLU	TC	4 (ERP)	Two stage	15.18	37.94	180	450	1/230/50	550	800	Danfoss 5.00 60°B	0UEBHDXA
TECNO 50/2 L BLU	TL	4 (ERP)	Two stage	15.18	37.94	180	450	1/230/50	550	800	Danfoss 5.00 60°B	0UEBHGXA

(2) NOx class 4 <120 mg/kWh in according with EN 267

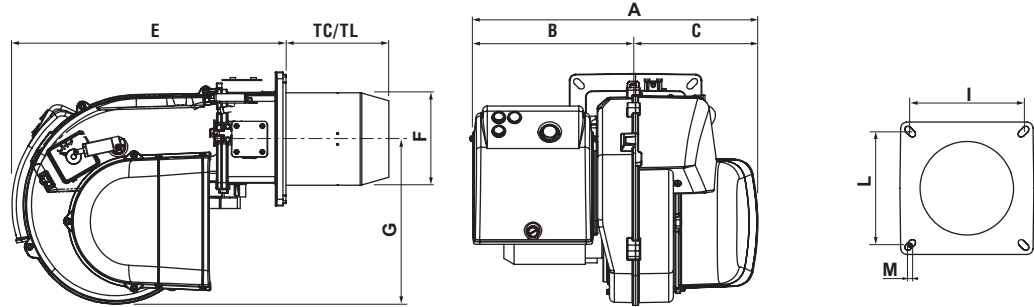
(3) TC - Short flame tube

DIMENSIONS (in mm)

TECNO 12/2 BLU | TECNO 12/2 L BLU | TECNO 15/2 BLU | TECNO 15/2 L BLU | TECNO 25/2 BLU | TECNO 25/2 L BLU



TECNO 35/2 BLU | TECNO 35/2 L BLU | TECNO 50/2 BLU | TECNO 50/2 L BLU



Model	Dimension (mm)										
	A	B	C	E	TC	TL	F	G	I	L	M
TECNO 12/2 BLU	317	169	148	204	100	-	98	160	100/120	100/120	M8
TECNO 12/2 L BLU	317	169	148	204	-	170	98	160	100/120	100/120	M8
TECNO 15/2 BLU	392	202	190	276	160	-	107	201	120/131	120/131	M8
TECNO 15/2 L BLU	392	202	190	276	-	260	107	201	120/131	120/131	M8
TECNO 25/2 BLU	392	202	190	276	160	-	125	201	120/131	120/131	M8
TECNO 25/2 L BLU	392	202	190	276	-	260	125	201	120/131	120/131	M8
TECNO 35/2 BLU	501	207	207	466	175	-	160	280	185/200	185/200	M8
TECNO 35/2 L BLU	501	207	207	466	-	365	160	280	185/200	185/200	M8
TECNO 50/2 BLU	501	207	207	466	175	-	160	280	185/200	185/200	M8
TECNO 50/2 L BLU	501	207	207	466	-	365	160	280	185/200	185/200	M8

WORKING DIAGRAMS (working area are the same for TC/TL models)

