DIESEL CON QUADRO ELETTRICO
DIESEL WITH ELECTRICAL BOX

PORTATA MAX
MAX FLOW RATE

Lt/min: 15 - 40
Gpm: 3.9 - 10.5

PRESSIONE MIN
MIN PRESSURE

Bar: 15.00
Psi: 217.56

PRESSIONE MAX
MAX PRESSURE

Bar: 500.00
Psi: 7251.89

ACCESSORI OPZIONALI
OPTIONAL ACCESSORIES

Quadro elettrico con termostato digitale
Electrical box with digital thermostat

RENDIMENTO E CONSUMI / *PERFORMANCES AND CONSUMPTIONS*

LT	GAL	Kcal/h	BTU	Kw	LT/h
15	3.9	50.000	198.000	53.5	4.73
21	5.5	80.000	317.000	93	7.56
25	6.6	90.000	357.000	105	8.5
30	7.9	110.000	436.000	128	9.45
40	10.5	135.000	536.000	157	13.23

Consumo stimato calcolato alla pressione del gasolio di 12 bar
Estimated consumption calculated at the diesel pressure of 12 bar

INGRESSI E USCITE / *IN AND OUT*

BAR	PSI	IN	OUT
250 - 350	5076.32	M22 x 1.5"	M22 x 1.5"
500	7251.89	1/2"	1/2"

IMBALLAGGIO / *PACKAGING*

PEZZI PER PALLET PIECES EACH PALLET	CM	INCH	KG	LBS
1	66 x 80 x 120	25.9 x 31.4 x 47.2	65	143.3
4	120 x 80 x 115	47.2 x 31.4 x 45.2	205	451.9

CALDAIE DIESEL CON QUADRO ELETTRICO
DIESEL HEATERS WITH ELECTRICAL BOX

Codice Code	Portata Flow Rate		Pressione Pressure		Serpentina Coil				Ugello diesel Diesel nozzle	Elettrovalvola Electricvalve	Motore Motor	Peso netto Net weight	
							Tubo / *Pipe*						
	Lt/Min	Gpm	Bar	Psi	m	ft	Spessore / *Thickness*	Ø			Volts-Hz	Kg	Lbs
3.026.02.037	15	3.9	250	3625.94	24	78.7	2.1	3/8"	1.25	12V DC	12V	53	116.84
3.026.02.066	15	3.9	250	3625.94	24	78.7	2.1	3/8"	1.25	24V AC	24V	53	116.84
3.026.02.067	15	3.9	250	3625.94	24	78.7	2.1	3/8"	1.25	24V AC	220V (50)	52	114.64
3.026.02.068	21	5.5	250	3625.94	35	114	2.6	3/8"	2	24V AC	220V (50)	60	132.27
3.026.02.164	21	5.5	250	3625.94	35	114	2.6	3/8″	2	24V AC	110V(60)	60	132.27
3.026.02.072	21	5.5	250	3625.94	35	114	2.6	3/8"	2	24V AC	24V	61	134.48
3.026.02.071	21	5.5	250	3625.94	35	114	2.6	3/8"	2	12V dc	12V	61	134.48
3.026.02.076	21	5.5	500	7251.89	35	114	2.6	3/8″	2.25	24V AC	220V (50)	60	132.27
3.026.02.062	25	6.6	250	3625.94	35	114	2.6	3/8"	2.25	24V AC	220V (50)	62	136.68
3.026.02.162	25	6.6	250	3625.94	35	114	2.6	3/8″	2.25	24V AC	110(60)	62	136.68
3.026.02.045	25	6.6	250	3625.94	35	114	2.6	3/8"	2.25	24V AC	24V	61	134.48
3.026.02.040	25	6.6	250	3625.94	35	114	2.6	3/8"	2.25	12V DC	12V	61	134.48
3.026.02.065	25	6.6	350	5076.32	35	114	2.6	3/8"	2.25	24V AC	220V (50)	62	136.68
3.026.02.063	25	6.6	350	5076.32	35	114	2.6	3/8"	2.25	24V AC	24V	61	134.48
3.026.02.064	25	6.6	350	5076.32	35	114	2.6	3/8"	2.25	12V DC	12V	61	134.48
3.026.02.042	30	7.9	350	5076.32	38.5	126	3	1/2"	2.5	12V DC	12V	85	187.39
3.026.02.043	30	7.9	350	5076.32	38.5	126	3	1/2"	2.5	24V AC	24V	85	187.39
3.026.02.046	30	7.9	350	5076.32	38.5	126	3	1/2"	2.5	24V AC	220V (50)	84	185.18
3.026.02.049	30	7.9	500	7251.89	38.5	126	3	1/2"	2.5	12V DC	12V	85	187.39
3.026.02.050	30	7.9	500	7251.89	38.5	126	3	1/2"	2.5	24V AC	24V	85	187.39
3.026.02.073	30	7.9	500	7251.89	38.5	126	3	1/2"	2.5	24V AC	220V (50)	84	185.18
3.026.02.110	40	10.56	350	5076.32	48	157	3	1/2"	3.5	24V AC	230V (50)	130	285
3.026.02.111	40	10.56	350	5076.32	48	157	3	1/2"	3.5	12V DC	12V	130	285
3.026.02.112	40	10.56	350	5076.32	48	157	3	1/2"	3.5	24V AC	24V	130	285
3.026.02.113	40	10.56	500	7251.89	48	157	3	1/2"	3.5	24V AC	230V (50)	130	285
3.026.02.114	40	10.56	500	7251.89	48	157	3	1/2"	3.5	12V DC	12V	130	285
3.026.02.115	40	10.56	500	7251.89	48	157	3	1/2"	3.5	24V AC	24V	130	285

DIMENSIONE / DIMENSION

SMALL MEDIUM BIG MAXI

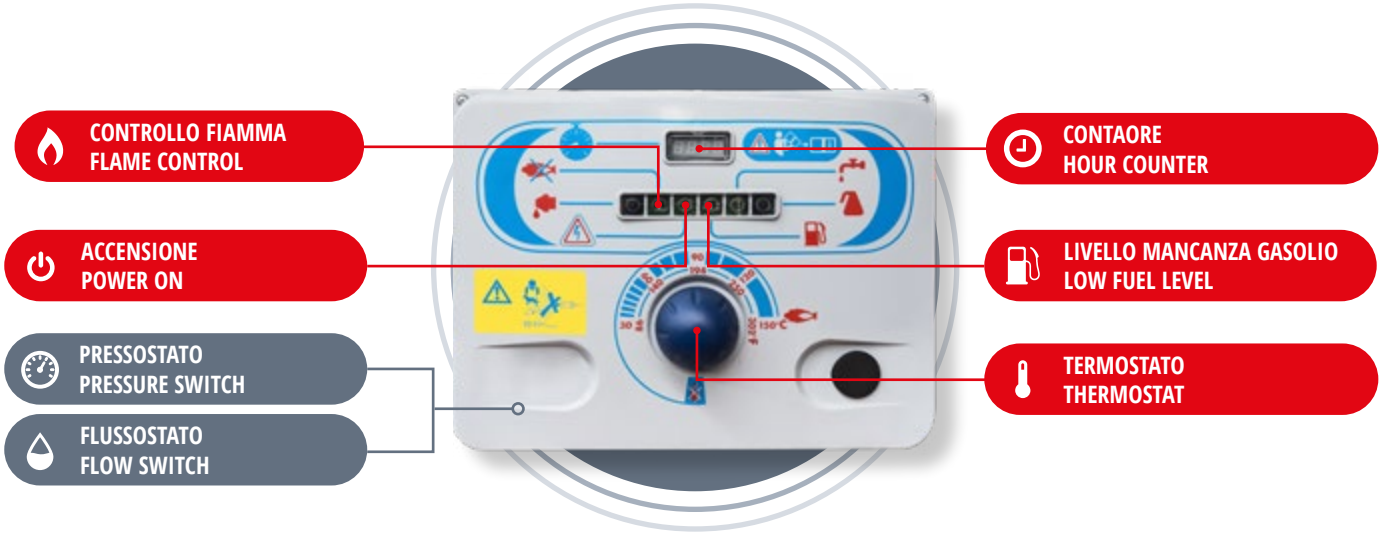
QUADRO ELETTRICO
ELECTRICAL BOX

CALDAIA AUTONOMA COMPLETA DI QUADRO ELETTRICO

Il quadro elettrico, montabile su tutta la gamma di caldaie Mazzoni, garantisce un controllo completo di tutte le sue funzioni, dalla temperatura all'alimentazione, al contaore.

DIESEL BOILER COMPLETE WITH ELECTRICAL BOX

Electrical box can be mounted on all Mazzoni boilers. It guarantees complete control of its functions, from temperature, supply to the hour counter.



MAGGIOR CONTROLLO
Il pannello di controllo fornisce un feedback immadiato sullo stato della caldaia

AN EYE ON EVERYTHING
Display Panel lets you know immediately what the current status is

DESIGN SEMPLIFICATO
Facile ed intuitivo

QUICK START DESIGN
Intuitive design makes iteasy to use

INNOVATIVO
Fatto solo con componenti High Tech

INNOVATION
Our products are made using only High Tech components

VALVOLA DI SICUREZZA
Protegge la tua caldaia dal rischio di sovrapressione

SAFETY VALVE
Save your heater from overpressure

2.100.04.013

Gruppo valvola di sicurezza - Optional per le caldaie da 500 Bar
Safety valve group - Optional for 500 Bar heaters

Motore convogliatore (230V / 400V)
Motor fan (230V / 400 V)

Testa di combustione
Combustion head

INFORMAZIONI
INFORMATIONS

Tabella di conversione unità di calore
Thermal units conversion table

Per trasformare To convert	Moltiplicare Multiply
kcal/h to Btu	kcal x 3.968
Btu to kcal	Btu x 0.252
kcal/h to kw/h	kcal x 0.001163
kw/h to kcal/h	kw/h x 859.9
cal to J	cal x 4187
J to cal	J x 0.2388

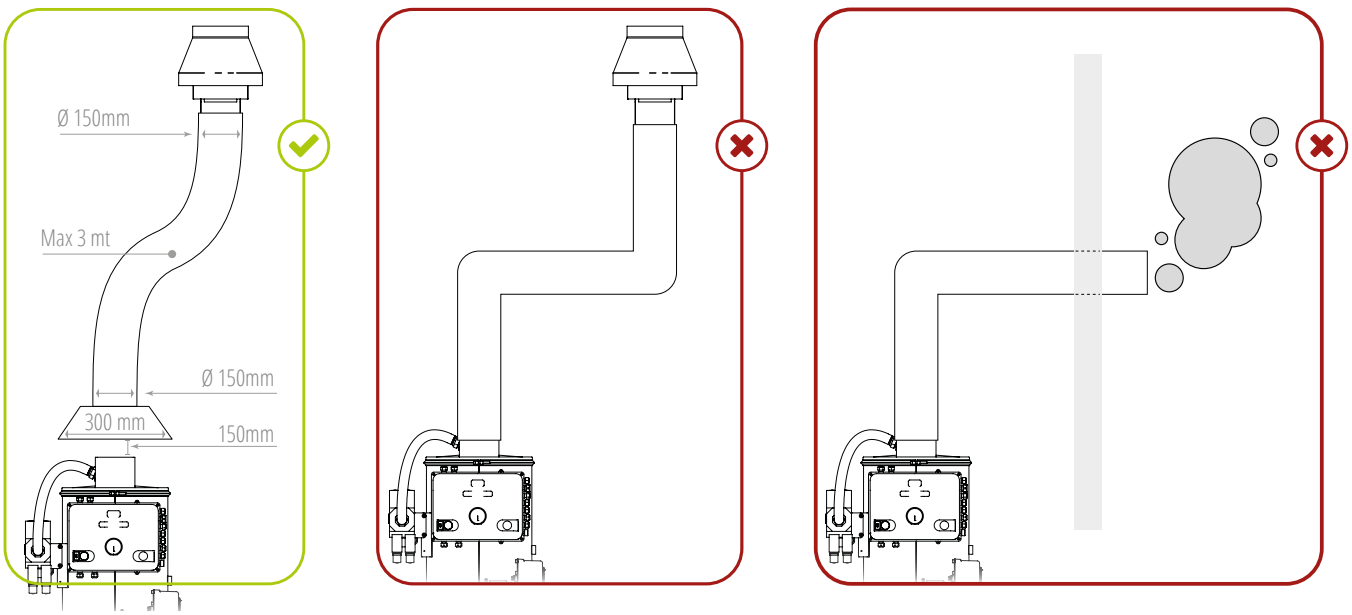
Tabella del potere calorifico inferiore dei combustibili in kcal/Btu
Table of low calorific power of fuels in kcal/Btu

Combustibile Fuel	kcal/kg	Btu/lb	kcal/m³	Btu/ft³
Gasolio / *Diesel*	10210	18375	-	-
Metano / *Methane*	-	-	8400	950
GPL / *LPG*	-	-	25000	2830

Durezza dell'acqua
Hardness of water

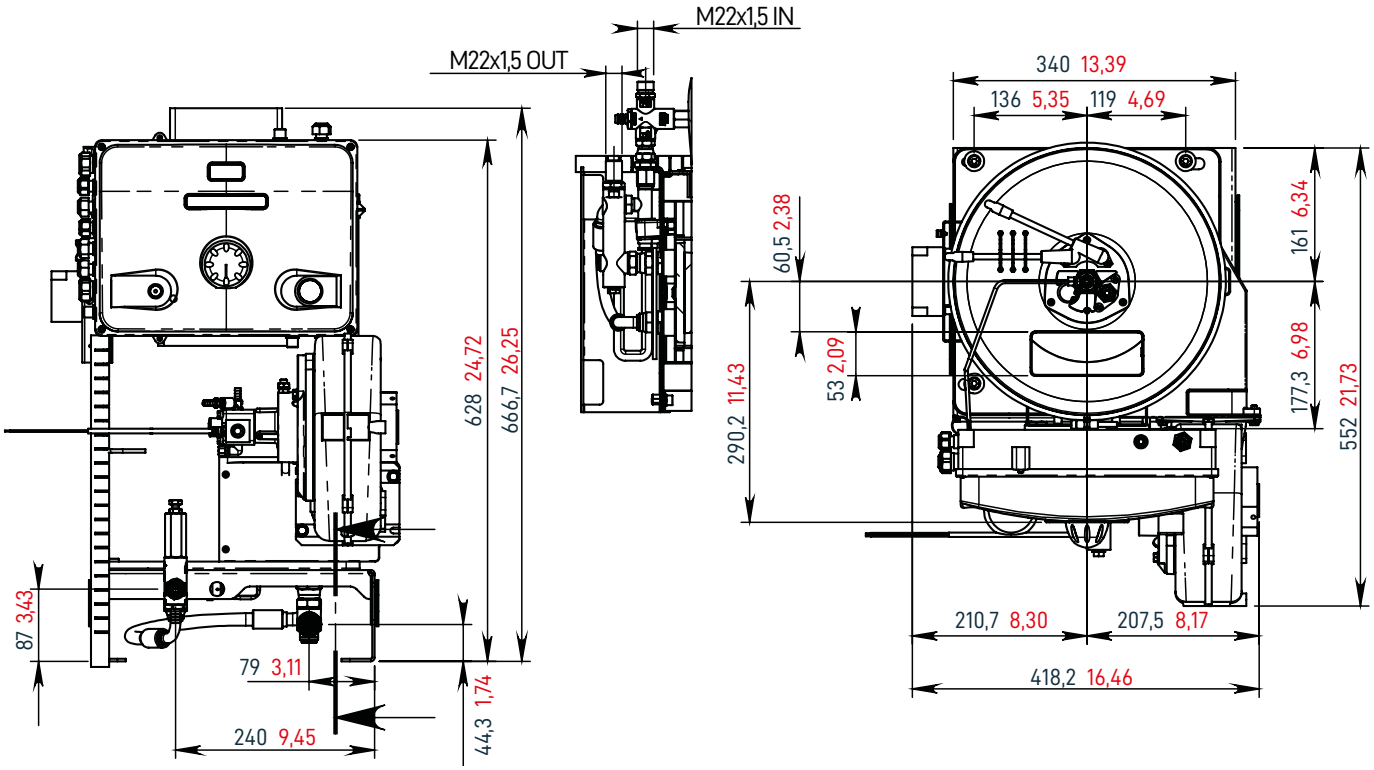
Classificazione Classification	Gradi francesi French degrees	g/m³ (ppm)	Gradi tedeschi German degrees
Leggero / Light*	1 - 8	10 - 80	0.56 - 4.47
Media / Medium	12 - 20	120 - 200	6.71 - 11.18
Dura / Hard	24 - 32	240 - 320	13.42 - 17.89
Molto dura / Very hard	36 - 40	360 - 400	20.13 - 22.36

CONNESIONE CAMINO / CHIMNEY CONNECTION

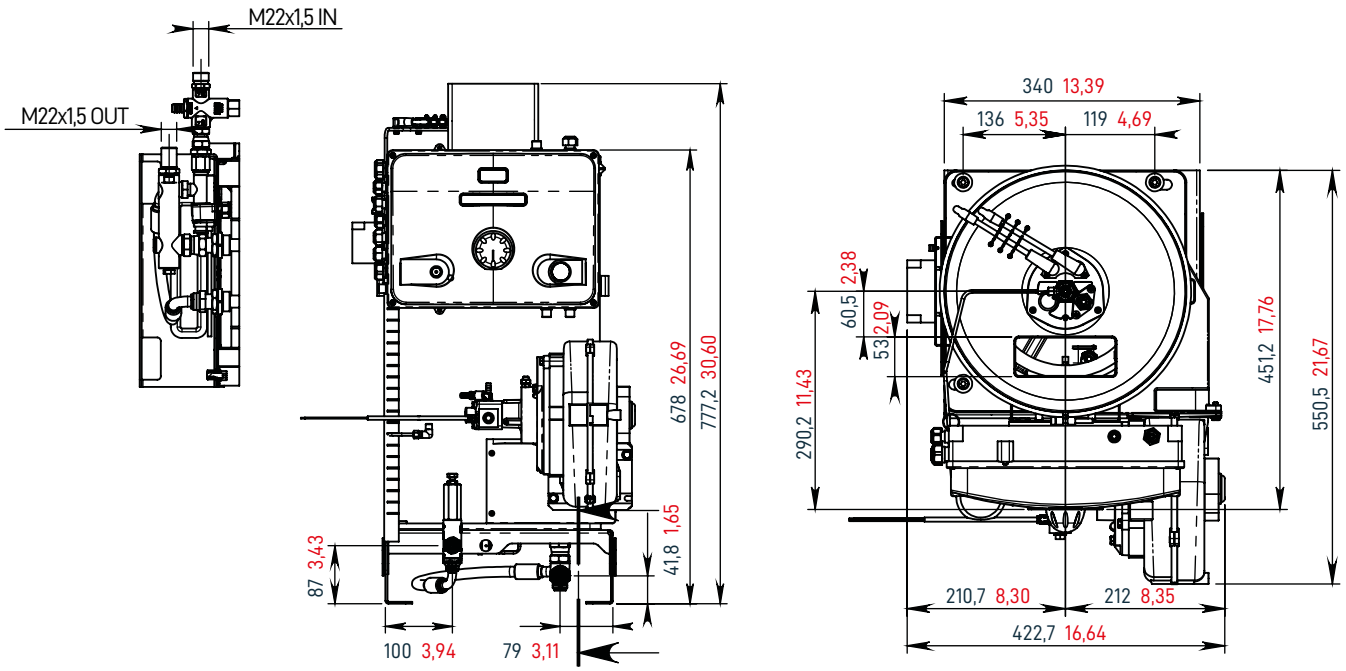


DIESEL CON QUADRO ELETTRICO
DIESEL WITH ELECTRICAL BOX

SMALL | 15L | 12-24V / 230V

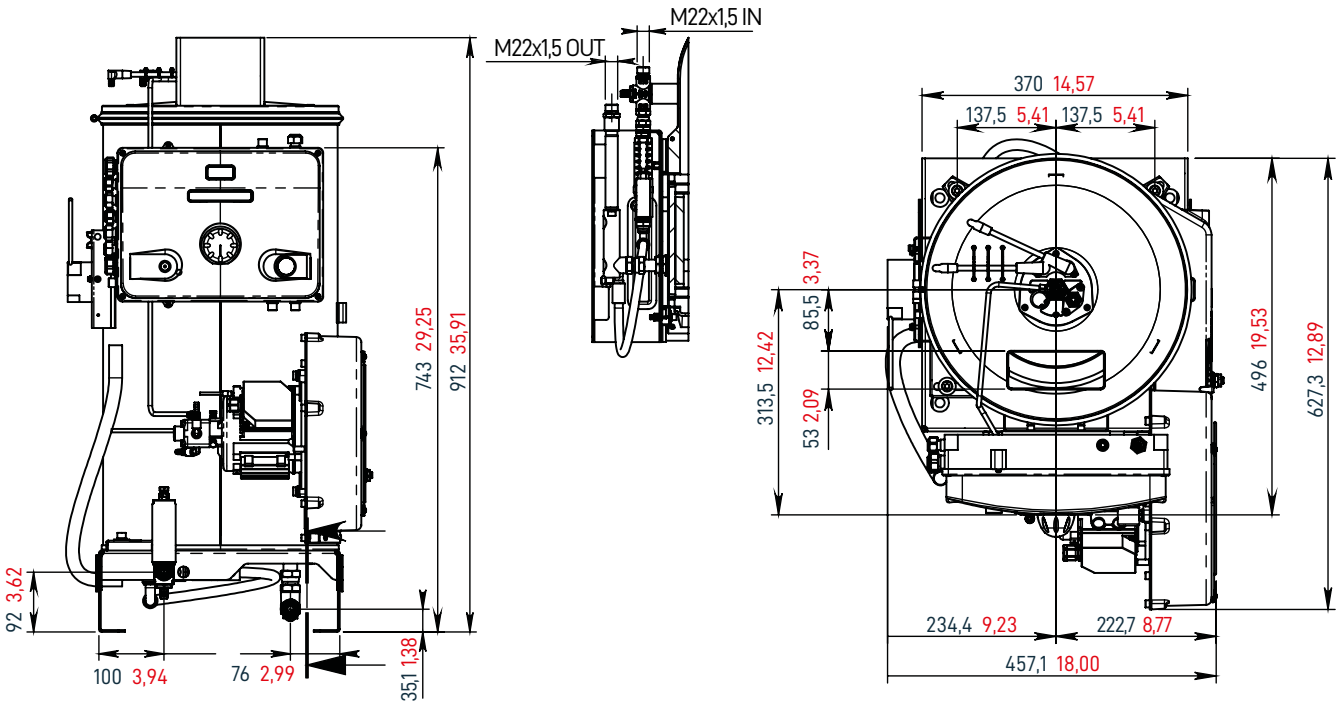


MEDIUM | 21 / 25L | 12-24V / 230V

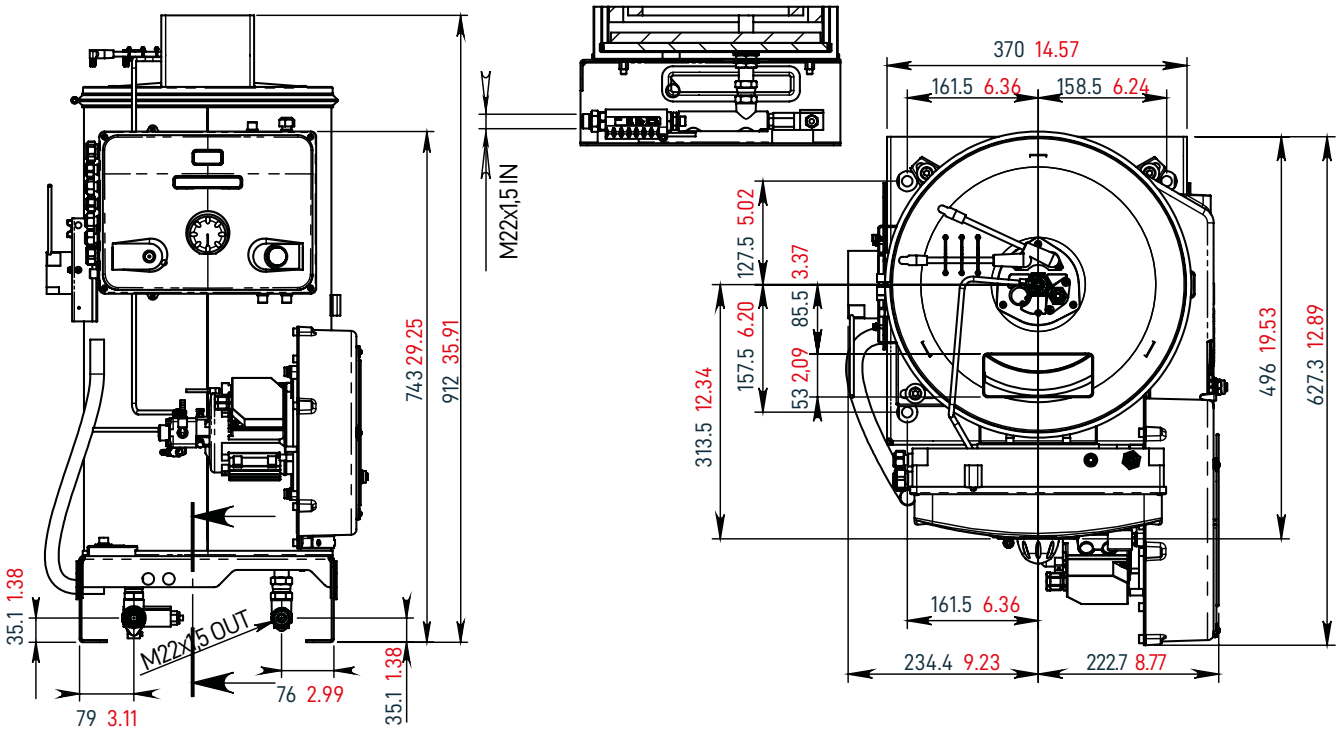


DIESEL CON QUADRO ELETTRICO
DIESEL WITH ELECTRICAL BOX

BIG | 30L | 12-24V

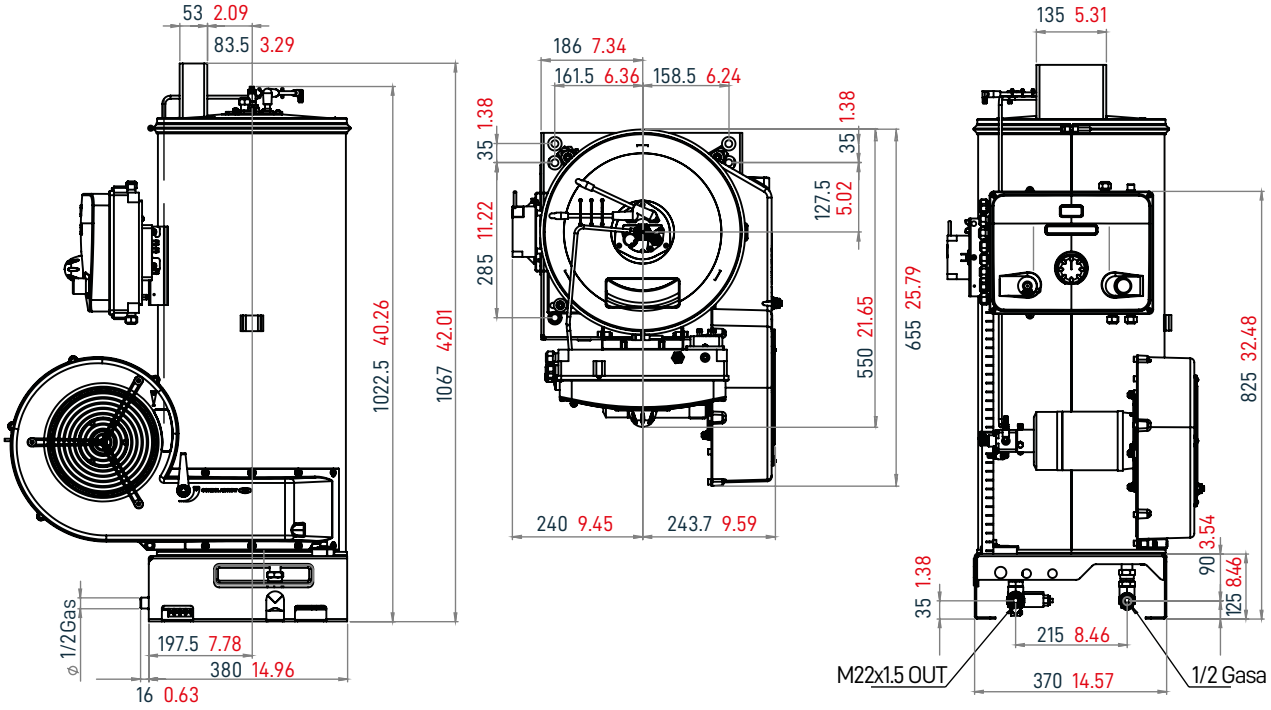


BIG | 30L | 230V



DIESEL CON QUADRO ELETTRICO
DIESEL WITH ELECTRICAL BOX

MAXI | 40L | 12-24V / 230V



ASSORBIMENTO ELETTRICO / ELECTRIC ABSORPTION

	DIMENSIONE CALDAIE / *HEATERS SIZE*											
	15 LT			21 - 25 LT			30 LT			40 LT		
12 V	28 Amps 230 Watt	8 Amps 80 W	1 Amps	28 Amps 230 Watt	8 Amps 80 W	1 Amps	53 Amps 500 Watt	8 Amps 80 W	1 Amps	53 Amps 500 Watt	8 Amps 80 W	1 Amps
24 V	12 Amps 230 Watt	3.5 Amps 80 W	1 Amps	12 Amps 230 Watt	3.5 Amps 80 W	1 Amps	25 Amps 500 Watt	3.5 Amps 80 W	1 Amps	25 Amps 500 Watt	3.5 Amps 80 W	1 Amps
230 V	1.2 Amps	0.16 Amps	1 Amps	1.2 Amps	0.16 Amps	1 Amps	2.4 Amps	0.16 Amps	1 Amps	2.5 Amps	0.16 Amps	1 Amps
400 V	0.7 Amps	0.7 Amps	1 Amps	0.7 Amps	0.6 Amps	1 Amps	1.2 Amps	0.6 Amps	1 Amps	1.3 Amps	0.6 Amps	1 Amps

LEGENDA / LEGEND

VENTILATORE
FAN MOTOR

TRASFORMATORE ALTA TENSIONE
HIGH TENSION TRANSFORMER

QUADRO ELETTRICO
ELECTRICAL BOX