

DATI COMBUSTIONE GAMMA

MODELLI	U.M.	SIMPLEX 321 E	LASER 321	LASER 321 E	MASTER 321 E	LASER 325 E	MASTER 325 E
Tipo scarico		B11BS	B11BS	B11BS	B1BS	B11BS	B11BS
Portata Term. Nom.	kW	27.0	27.0	27.0	27.0	32.0	32.0
Portata Term. Rid.	kW	10.5	10.5	10.5	10.5	13.2	13.2
Potenza Term. Nom.	kW	24.4	24.4	24.4	24.4	28.8	28.8
Potenza Term. Rid.	kW	8.8	8.8	8.8	8.8	11.6	11.6
Rendimento Utile	%	90.1	90.1	90.1	90.1	90.0	90.0
Rendimento Combustione	%	92.4	92.4	92.4	91.8	92.4	92.4
Rend. Comb. 30% Pn	%	84.9	84.9	84.9	84.9	87.7	87.7
Potenza elett. ass. Caldaia	W	120.0	120.0	120.0	120.0	125.0	125.0
Circolatore	W	113.0	113.0	113.0	113.0	115.0	115.0
Temperatura Fumi Q nom.	°C	105.0	105.0	105.0	112.0	106.0	106.0
Q rid.	°C	82.0	85.0	85.0	87.0	86.0	86.0
CO2 Q nom.	%	4.8	4.8	4.8	4.8	4.9	4.9
Q rid.	%	2.0	2.0	2.0	2.1	2.2	2.2
CO	ppm	35.0	35.0	35.0	24	34.0	40.0
O2	ppm	12.5	12.5	12.5	12.5	12.0	12.0
Perdite al Camino Q nom.	%	7.6	7.6	7.6	8.2	7.6	7.6
Massa Fumi Q nom.	kg/h	70.7	70.7	70.7	70.7	79.5	79.5
Perdite a Bruciatore Spento	%	0.6	0.6	0.6	0.6	0.6	0.6
Perdite al Mantello Q nom.	%	2.3	2.3	2.3	1.7	2.4	2.4
Pressione alim. Generatore	Pa	2.5	2.5	2.5	2.5	3.0	3.0
Pressione Scarico lung. min.	Pa	/	/	/	/	/	/

MODELLI	U.M.	SIMPLEX 321 SE	LASER 321 S	LASER 321 SE	MASTER 321 SE	LASER 325 SE	MASTER 325 SE
Tipo scarico		C12-32-42-52	C12-32-42-52	C12-32-42-52	C12-32-42-52	C12-32-42-52	C12-32-42-52
Portata Term. Nom.	kW	27.0	27.0	27.0	27.0	31.0	31.0
Portata Term. Rid.	kW	10.5	10.5	10.5	10.5	13.2	13.2
Potenza Term. Nom.	kW	24.4	24.4	24.4	24.4	28.5	28.5
Potenza Term. Rid.	kW	9.3	9.3	9.3	9.3	11.6	11.6
Rendimento Utile	%	90.5	90.5	90.5	90.5	92.0	92.0
Rendimento Combustione	%	92.2	92.2	92.2	92.3	92.8	92.4
Rend. Comb. 30% Pn	%	85.2	85.2	85.2	85.2	88.5	88.5
Potenza elett. ass. Caldaia	W	150.0	150.0	150.0	150.0	150.0	150.0
Circolatore	W	113.0	113.0	113.0	113.0	115.0	115.0
Temperatura Fumi Q nom.	°C	140.0	140.0	140.0	130.0	119.0	125.0
Q rid.	°C	109.0	109.0	109.0	100.0	97.0	97.0
CO2 Q nom.	%	6.9	6.9	6.9	6.3	6.1	6.1
Q rid.	%	2.6	2.6	2.6	2.3	2.4	2.4
CO	ppm	16.0	16.0	16.0	15.0	12.0	20.0
O2	ppm	8.5	8.5	8.5	10.0	10.0	10.0
Perdite al Camino Q nom.	%	7.8	7.8	7.8	7.7	7.2	7.6
Massa Fumi Q nom.	kg/h	49.2	49.2	49.2	53.9	63.8	63.8
Perdite a Bruciatore Spento	%	0.0	0.0	0.0	0.0	0.0	0.0
Perdite al Mantello Q nom.	%	1.7	1.7	1.7	1.8	0.8	0.4
Pressione alim. Generatore	Pa	/	/	/	/	/	/
Pressione Scarico lung. min.	Pa	29.0	29.0	29.0	29.0	40.0	40.0

DATI COMBUSTIONE GAMMA

MODELLI	U.M.	POLAR 321 SE	COMFORT 325 SE	COMPACT 325 SE	ACUAPLUS 325 SE	ECOTECNIC 20 SE	ECOTECNIC 20 BSE
Tipo scarico		C12-32-42-52	C12-32-42-52	C12-32-42-52	C12-32-42-52	C13-33	C13-33
Portata Term. Nom.	kW	27.0	31.0	31.0	31.0	25.7	25.7
Portata Term. Rid.	kW	10.5	13.2	13.2	13.2	12.2	12.2
Potanza Term. Nom.	kW	24.4	28.5	28.5	28.5	24.0	24.0
Potenza Term. Rid.	kW	9.3	11.6	11.6	11.6	11.7	11.7
Rendimento Utile	%	90.5	92.0	92.0	92.0	93.4	93.4
Rendimento Combustione	%	91.5	92.4	92.4	92.4	93.7	93.7
Rend. Comb. 30% Pn	%	85.2	88.5	88.5	88.5	95.9	95.9
Potenza elett. ass. Caldaia	W	150.0	150.0	150.0	150.0	185.0	185.0
Circolatore	W	113.0	115.0	115.0	115.0	115.0	115.0
Temperatura Fumi Q nom.	°C	135.0	125.0	125.0	125.0	155.0	155.0
Q rid.	°C	101.0	97.0	97.0	97.0	95.0	95.0
CO2 Q nom.	%	6.0	6.1	6.1	6.1	9.4	9.4
Q rid.	%	2.5	2.4	2.4	2.4	8.0	8.0
CO	ppm	31.0	20.0	20.0	20.0	23.0	23.0
O2	ppm	9.0	10.0	10.0	10.0	4.2	4.2
Perdite al Camino Q nom.	%	8.5	7.6	7.6	7.6	6.3	6.3
Massa Fumi Q nom.	kg/h	56.6	63.8	63.8	63.8	52.0	52.0
Perdite a Bruciatore Spento	%	0.0	0.0	0.0	0.0	0.0	0.0
Perdite al Mantello Q nom.	%	1.0	0.4	0.4	0.4	0.3	0.3
Pressione alim. Generatore	Pa	/	/	/	/	/	/
Pressione Scarico lung. min.	Pa	29.0	40.0	40.0	40.0	/	/

MODELLI	U.M.	BASE 318 E/PVE	BASE 326 E/PVE	BASE 335 E	BASE 345 E	BASE 355 E	COMBI 318 E	COMBI 326 E
Tipo scarico		B11BS	B11BS	B11BS	B11BS	B11BS	B11BS	B11BS
Portata Term. Nom.	kW	25.0	34.8	44.8	55.0	69.2	22.0	30.5
Portata Term. Rid.	kW	/	/	/	/	/	/	/
Potanza Term. Nom.	kW	22.0	30.5	39.1	48.8	60.7	22.0	30.5
Potenza Term. Rid.	kW	/	/	/	/	/	/	/
Rendimento Utile	%	88.0	87.6	87.3	88.7	87.7	88.0	87.6
Rendimento Combustione	%	90.0	89.7	89.0	89.1	89.0	90.0	89.7
Rend. Comb. 30% Pn	%	84.5	84.8	85.2	85.4	85.8	84.5	84.8
Potenza el. ass. App. Contr.	W	5.0	5.0	16.0	16.0	16.0	5.0	5.0
Circolatore	W	95.0	95.0	/	/	/	95.0	95.0
Temperatura Fumi Q nom.	°C	119.0	118.0	110.0	130.0	141.0	119.0	118.0
Q rid.	°C	/	/	/	/	/	/	/
CO2 Q nom.	%	4.3	4.1	3.5	4.4	4.8	4.3	4.1
Q rid.	%	/	/	/	/	/	/	/
Perdite al Camino Q nom.	%	10.0	10.3	11.0	10.9	11.0	10.0	10.3
Massa Fumi Q nom.	kg/h	89.0	125.0	188.0	191.0	213.0	89.0	125.0
Perdite a Bruciatore Spento	%	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Perdite al Mantello Q nom.	%	2.0	2.1	1.7	1.7	1.3	2.0	2.1