

TECHNICAL DATA

DUAL CLIMA HT PRO

High temperature air source Heat Pump

**Change is
in the air**

55 °C
A+++

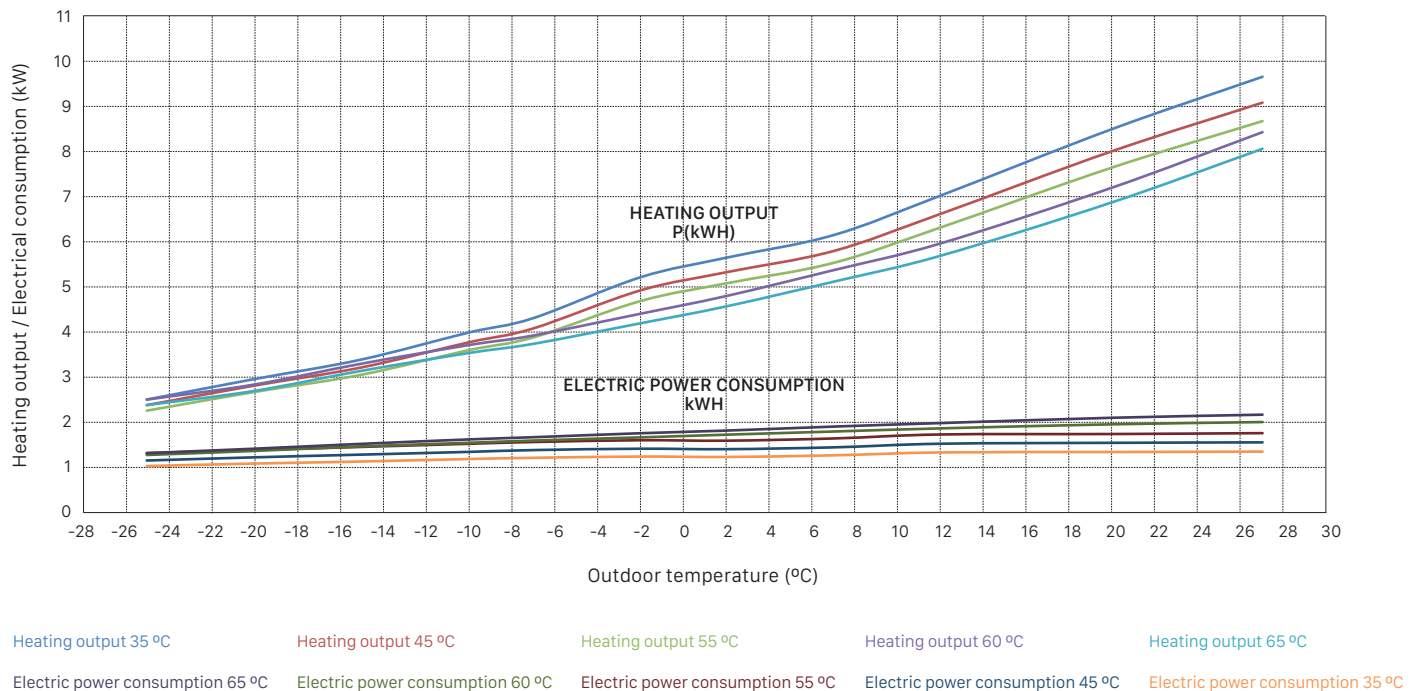


DUAL CLIMA 6HT PRO - HEATING POWER AND EFFICIENCY

WATER OUTLET (°C)		OUTDOOR AIR TEMPERATURE (°C)										
		-25	-20	-15	-10	-7	-2	2	7	12	20	27
35	Heating capacity (kW)	2.53	2.99	3.42	4.02	4.34	5.25	5.68	6.19	7.07	8.55	9.71
	Input power (kW)	1.03	1.09	1.14	1.20	1.23	1.26	1.25	1.29	1.35	1.36	1.37
	COP	2.45	2.74	3.00	3.36	3.54	4.18	4.56	4.81	5.22	6.27	7.07
45	Heating capacity (kW)	2.39	2.82	3.23	3.79	4.10	4.95	5.36	5.83	6.66	8.06	9.15
	Input power (kW)	1.18	1.25	1.30	1.36	1.40	1.43	1.42	1.46	1.54	1.56	1.57
	COP	2.03	2.26	2.48	2.78	2.93	3.46	3.77	4.00	4.34	5.18	5.84
55	Heating capacity (kW)	2.27	2.69	3.07	3.61	3.90	4.70	5.10	5.55	6.34	7.67	8.70
	Input power (kW)	1.35	1.42	1.49	1.56	1.60	1.64	1.63	1.68	1.77	1.78	1.80
	COP	1.68	1.89	2.06	2.31	2.43	2.87	3.13	3.30	3.58	4.31	4.84
60	Heating capacity (kW)	2.51	2.85	3.31	3.73	3.94	4.42	4.82	5.39	5.99	7.23	8.46
	Input power (kW)	1.31	1.39	1.49	1.57	1.62	1.69	1.75	1.82	1.89	1.98	2.03
	COP	1.93	2.04	2.22	2.37	2.43	2.62	2.75	2.96	3.17	3.66	4.17
65	Heating capacity (kW)	2.42	2.74	3.18	3.57	3.78	4.23	4.60	5.15	5.72	6.91	8.09
	Input power (kW)	1.35	1.45	1.56	1.66	1.71	1.80	1.86	1.95	2.03	2.15	2.21
	COP	1.79	1.88	2.04	2.15	2.21	2.35	2.48	2.64	2.82	3.22	3.65

MODEL	Heating			ACS	SPF ACS (45 °C)				
	Power 7/35 kW	SCOP 35 (Middle climatic zone)	SCOP 55 (Middle climatic zone)	Power 7/35 kW	Climatic zone				
					A	B	C	D	E
DUAL CLIMA 6HT PRO	6,19	5,06	3,87	6,19	3,23	2,97	2,97	2,78	2,78

DUAL CLIMA 6 HT PRO - HEATING PERFORMANCE AND ELECTRIC CONSUMPTION CURVES

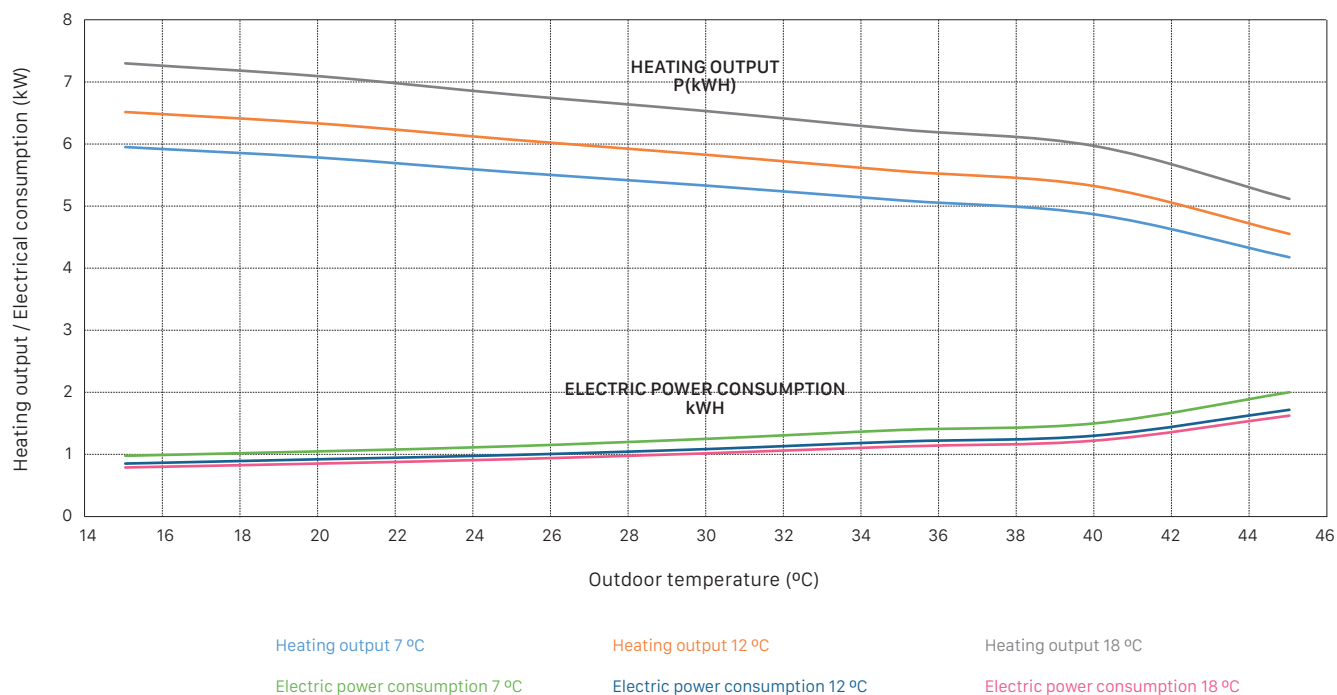


DUAL CLIMA 6HT PRO - COOLING CAPACITIES AND EFFICIENCIES

WATER OUTLET (°C)		OUTDOOR AIR TEMPERATURE (°C)						
		15	20	25	30	35	40	45
7	Cooling capacity (kw)	5.97	5.80	5.55	5.34	5.09	4.86	4.16
	Input power (kW)	0.97	1.04	1.12	1.24	1.39	1.50	2.00
	COP	6.18	5.58	4.95	4.29	3.67	3.25	2.08
12	Cooling capacity (kw)	6.53	6.35	6.08	5.84	5.58	5.33	4.56
	Input power (kW)	0.83	0.90	0.97	1.07	1.20	1.30	1.73
	COP	7.87	7.03	6.24	5.44	4.65	4.10	2.63
18	Cooling capacity (kw)	7.30	7.09	6.79	6.53	6.23	5.96	5.10
	Input power (kW)	0.78	0.85	0.92	1.01	1.13	1.22	1.62
	COP	9.31	8.37	7.39	6.44	5.54	4.88	3.14

MODEL	Cooling		ACS	SPF ACS (45 °C)				
	Power 35/18 kW	SEER	Power 7/35 kW	Climatic zone				
				A	B	C	D	E
DUAL CLIMA 6HT PRO	6,23	6,68	6,19	3,23	2,97	2,97	2,78	2,78

DUAL CLIMA 6HT PRO - COOLING POWER AND ELECTRICAL COSUMPTION CURVES

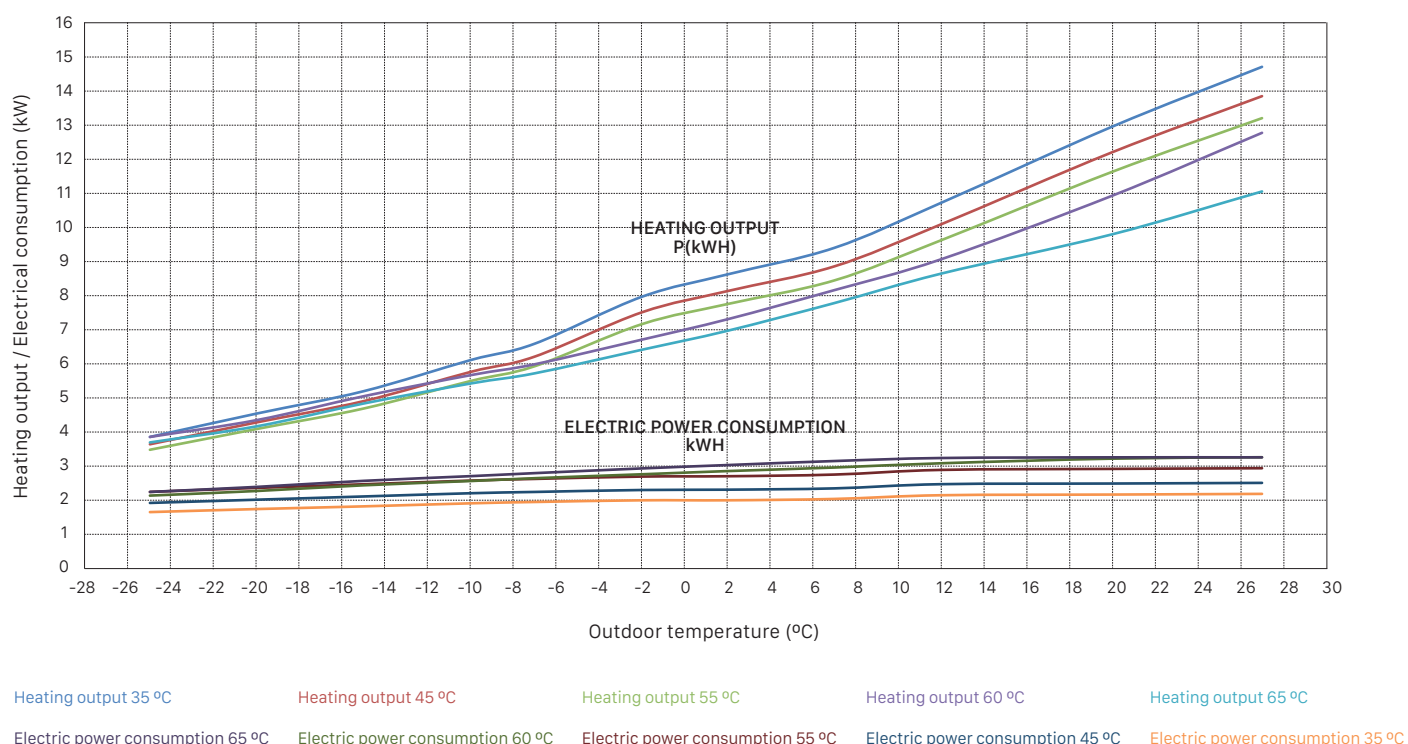


DUAL CLIMA 9HT PRO - HEATING POWER AND EFFICIENCY

WATER OUTLET (°C)		OUTDOOR AIR TEMPERATURE (°C)										
		-25	-20	-15	-10	-7	-2	2	7	12	20	27
35	Heating capacity (kW)	3.84	4.53	5.19	6.10	6.58	7.96	8.61	9.39	10.72	12.96	14.71
	Input power (kW)	1.60	1.69	1.77	1.85	1.89	1.94	1.94	1.98	2.09	2.11	2.13
	COP	2.40	2.68	2.94	3.29	3.48	4.10	4.44	4.74	5.13	6.15	6.92
45	Heating capacity (kW)	3.62	4.27	4.90	5.76	6.21	7.52	8.14	8.87	10.11	12.24	13.89
	Input power (kW)	1.86	1.96	2.06	2.16	2.20	2.25	2.26	2.30	2.43	2.45	2.47
	COP	1.94	2.18	2.38	2.67	2.83	3.33	3.60	3.85	4.16	5.00	5.63
55	Heating capacity (kW)	3.45	4.06	4.66	5.47	5.90	7.14	7.73	8.43	9.61	11.62	13.20
	Input power (kW)	2.20	2.32	2.44	2.55	2.60	2.67	2.68	2.74	2.88	2.91	2.93
	COP	1.57	1.75	1.91	2.14	2.27	2.67	2.88	3.08	3.34	3.99	4.50
60	Heating capacity (kW)	3.81	4.31	5.01	5.63	5.96	6.68	7.28	8.15	9.06	10.94	12.79
	Input power (kW)	2.11	2.24	2.41	2.53	2.61	2.72	2.82	2.92	3.04	3.18	3.22
	COP	1.81	1.92	2.08	2.23	2.28	2.45	2.59	2.79	2.98	3.44	3.98
65	Heating capacity (kW)	3.66	4.14	4.81	5.41	5.71	6.40	6.96	7.78	8.65	9.82	11.08
	Input power (kW)	2.18	2.33	2.52	2.66	2.76	2.90	3.00	3.13	3.22	3.24	3.24
	COP	1.68	1.77	1.91	2.03	2.07	2.21	2.32	2.49	2.69	3.03	3.42

	Heating			ACS	SPF ACS (45 °C)				
MODEL	Power 7/35 kW	SCOP 35 (Middle climatic zone)	SCOP 55 (Middle climatic zone)	Power 7/35 kW	Climatic zone				
					A	B	C	D	E
DUAL CLIMA 9HT PRO	9,39	5,10	3,89	9,39	3,18	2,92	2,92	2,74	2,74

DUAL CLIMA 9HT PRO - HEATING PERFORMANCE AND ELECTRIC CONSUMPTION CURVES

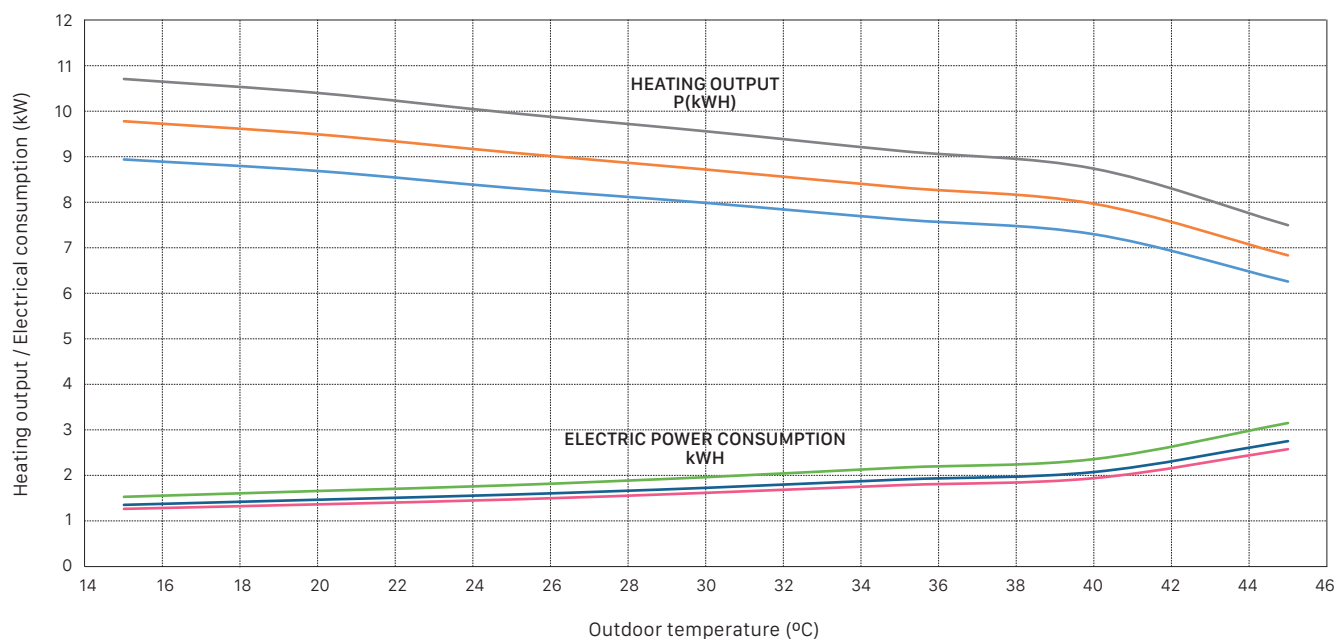


DUAL CLIMA 9HT PRO - COOLING CAPACITIES AND EFFICIENCIES

WATER OUTLET (°C)		OUTDOOR AIR TEMPERATURE (°C)						
		15	20	25	30	35	40	45
7	Cooling capacity (kw)	8.94	8.68	8.30	7.98	7.61	7.28	6.24
	Input power (kW)	1.53	1.66	1.79	1.96	2.18	2.37	3.17
	COP	5.86	5.24	4.65	4.06	3.50	3.08	1.97
12	Cooling capacity (kw)	9.79	9.50	9.10	8.73	8.34	7.98	6.84
	Input power (kW)	1.31	1.43	1.54	1.69	1.88	2.05	2.74
	COP	7.45	6.65	5.89	5.15	4.44	3.90	2.50
18	Cooling capacity (kw)	10.71	10.40	9.96	9.55	9.12	8.73	7.48
	Input power (kW)	1.24	1.35	1.45	1.60	1.77	1.93	2.58
	COP	8.60	7.73	6.84	5.96	5.14	4.52	2.91

MODEL	Cooling		ACS	SPF ACS (45 °C)				
	Power 35/18 kW	SEER	Power 7/35 kW	Climatic zone				
				A	B	C	D	E
DUAL CLIMA 9HT PRO	9,12	6,61	9,39	3,18	2,92	2,92	2,74	2,74

DUAL CLIMA 9HT PRO - COOLING POWER AND ELECTRICAL COSUMPTION CURVES



Heating output 7 °C

Heating output 12 °C

Heating output 18 °C

Electric power consumption 7 °C

Electric power consumption 12 °C

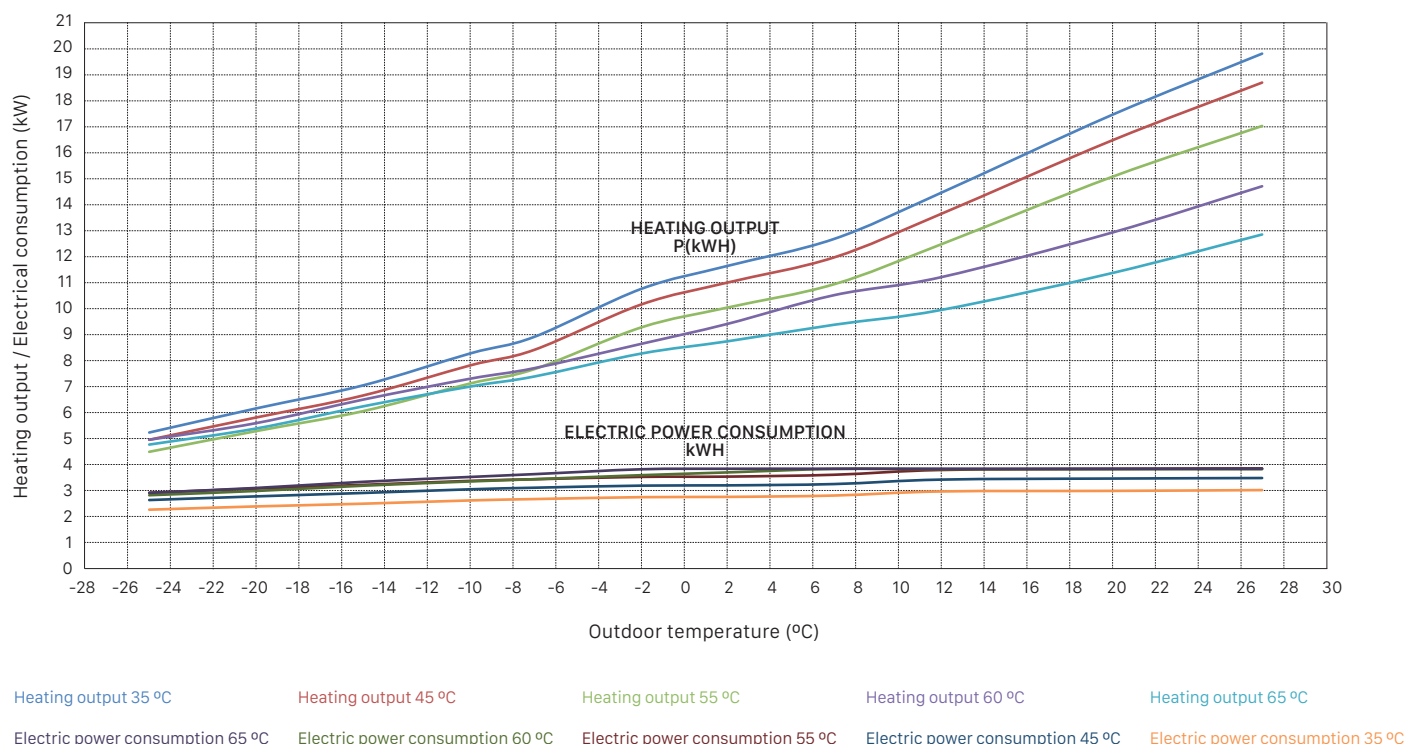
Electric power consumption 18 °C

DUAL CLIMA 12HT PRO / 12HTT PRO - HEATING POWER AND EFFICIENCY

WATER OUTLET (°C)		OUTDOOR AIR TEMPERATURE (°C)										
		-25	-20	-15	-10	-7	-2	2	7	12	20	27
35	Heating capacity (kW)	5.14	6.07	6.96	8.19	8.83	10.68	11.56	12.60	14.38	17.38	19.74
	Input power (kW)	2.20	2.32	2.42	2.54	2.59	2.66	2.67	2.72	2.87	2.89	2.92
	COP	2.34	2.62	2.88	3.22	3.41	4.02	4.33	4.63	5.01	6.02	6.76
45	Heating capacity (kW)	4.85	5.71	6.56	7.72	8.32	10.06	10.90	11.87	13.54	16.37	18.59
	Input power (kW)	2.55	2.69	2.82	2.96	3.02	3.10	3.11	3.16	3.33	3.37	3.39
	COP	1.90	2.12	2.33	2.61	2.75	3.25	3.50	3.76	4.07	4.86	5.48
55	Heating capacity (kW)	4.43	5.23	5.99	7.06	7.61	9.21	9.96	10.86	12.39	14.98	16.92
	Input power (kW)	2.84	3.00	3.14	3.29	3.35	3.44	3.45	3.52	3.70	3.74	3.76
	COP	1.56	1.75	1.91	2.15	2.27	2.68	2.89	3.09	3.35	4.01	4.50
60	Heating capacity (kW)	4.88	5.53	6.43	7.24	7.65	8.58	9.35	10.46	11.15	12.88	14.66
	Input power (kW)	2.72	2.89	3.10	3.27	3.36	3.52	3.63	3.77	3.76	3.76	3.76
	COP	1.80	1.91	2.08	2.22	2.28	2.44	2.58	2.78	2.97	3.43	3.90
65	Heating capacity (kW)	4.70	5.32	6.18	6.94	7.33	8.22	8.69	9.33	9.90	11.33	12.82
	Input power (kW)	2.82	3.01	3.25	3.44	3.55	3.74	3.76	3.76	3.76	3.76	3.76
	COP	1.67	1.77	1.90	2.02	2.07	2.20	2.31	2.48	2.63	3.01	3.41

	Heating			ACS	SPF ACS (45 °C)				
MODEL	Power 7/35 kW	SCOP 35 (Middle climatic zone)	SCOP 55 (Middle climatic zone)	Power 7/35 kW	Climatic zone				
					A	B	C	D	E
DUAL CLIMA 12HT PRO / 12HTT PRO	12.60	5.17	4.00	12.60	3.10	2.85	2.85	2.68	2.68

DUAL CLIMA 12HT PRO / 12HTT PRO - HEATING PERFORMANCE AND ELECTRIC CONSUMPTION CURVES

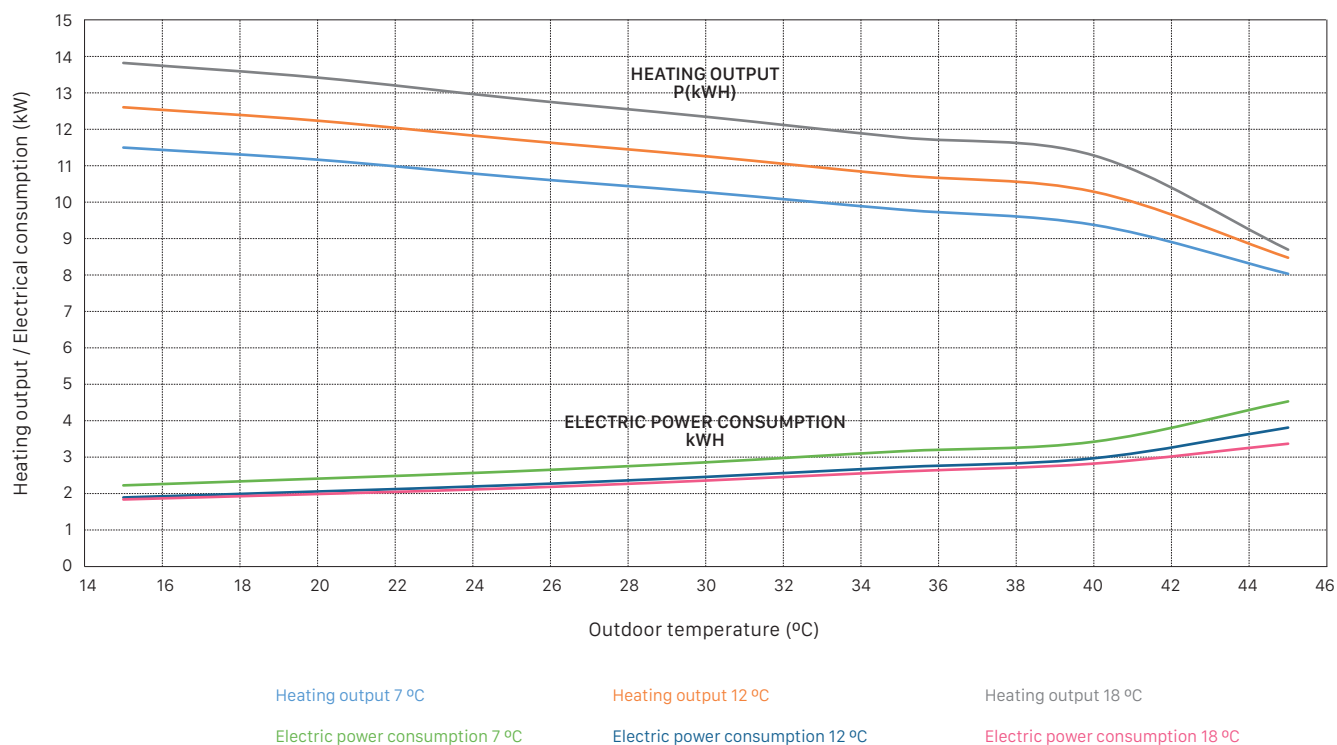


DUAL CLIMA 12HT PRO / 12HTT PRO - COOLING CAPACITIES AND EFFICIENCIES

WATER OUTLET (°C)		OUTDOOR AIR TEMPERATURE (°C)						
		15	20	25	30	35	40	45
7	Cooling capacity (kw)	11.54	11.21	10.73	10.31	9.83	9.41	8.06
	Input power (kW)	2.20	2.39	2.59	2.85	3.16	3.43	4.57
	COP	5.25	4.69	4.14	3.62	3.11	2.74	1.76
12	Cooling capacity (kw)	12.65	12.28	11.76	11.29	10.77	10.31	8.49
	Input power (kW)	1.91	2.08	2.25	2.47	2.74	2.98	3.82
	COP	6.61	5.91	5.23	4.56	3.93	3.46	2.22
18	Cooling capacity (kw)	13.85	13.45	12.88	12.37	11.80	11.30	8.70
	Input power (kW)	1.82	1.98	2.14	2.36	2.61	2.84	3.40
	COP	7.60	6.80	6.02	5.25	4.52	3.98	2.56

MODEL	Cooling		ACS	SPF ACS (45 °C)				
	Power 35/18 kW	SEER	Power 7/35 kW	Climatic zone				
				A	B	C	D	E
DUAL CLIMA 12HT PRO / 12HTT PRO	11.80	6.46	12.60	3.10	2.85	2.85	2.68	2.68

DUAL CLIMA 12HT PRO / 12HTT PRO - COOLING POWER AND ELECTRICAL CONSUMPTION CURVES

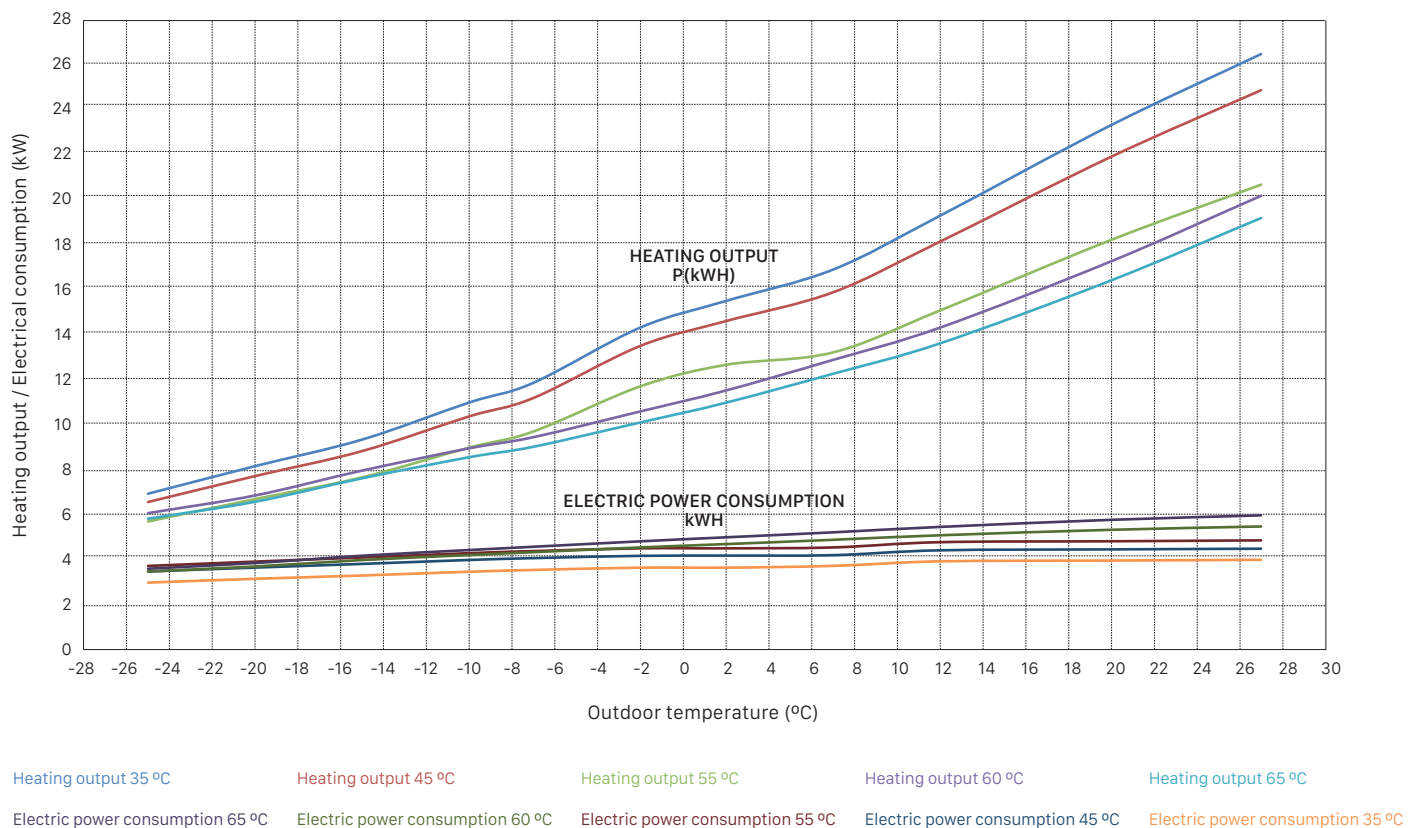


DUAL CLIMA 16HT PRO / 16HTT PRO - HEATING POWER AND EFFICIENCY

WATER OUTLET (°C)		OUTDOOR AIR TEMPERATURE (°C)										
		-25	-20	-15	-10	-7	-2	2	7	12	20	27
35	Heating capacity (kW)	6.90	8.12	9.30	10.94	11.82	14.27	15.45	16.84	19.23	23.25	26.39
	Input power (kW)	2.92	3.08	3.22	3.38	3.45	3.55	3.55	3.62	3.81	3.84	3.87
	COP	2.36	2.64	2.89	3.24	3.43	4.02	4.36	4.65	5.04	6.05	6.81
45	Heating capacity (kW)	6.51	7.67	8.79	10.33	11.15	13.48	14.59	15.87	18.13	21.92	24.89
	Input power (kW)	3.40	3.58	3.75	3.93	4.01	4.12	4.13	4.15	4.37	4.42	4.45
	COP	1.92	2.14	2.34	2.63	2.78	3.27	3.53	3.82	4.15	4.96	5.60
55	Heating capacity (kW)	5.65	6.65	7.62	8.95	9.67	11.68	12.65	13.20	15.07	18.23	20.69
	Input power (kW)	3.63	3.82	4.00	4.19	4.29	4.41	4.41	4.45	4.68	4.72	4.76
	COP	1.56	1.74	1.90	2.13	2.26	2.65	2.87	2.97	3.22	3.86	4.35
60	Heating capacity (kW)	5.98	6.76	7.87	8.86	9.36	10.50	11.43	12.79	14.23	17.18	20.09
	Input power (kW)	3.48	3.69	3.96	4.17	4.30	4.50	4.64	4.82	5.01	5.24	5.38
	COP	1.72	1.83	1.99	2.12	2.18	2.33	2.46	2.65	2.84	3.28	3.73
65	Heating capacity (kW)	5.76	6.51	7.56	8.50	8.97	10.05	10.94	12.23	13.59	16.40	19.19
	Input power (kW)	3.60	3.84	4.15	4.40	4.54	4.77	4.94	5.15	5.38	5.69	5.88
	COP	1.60	1.70	1.82	1.93	1.98	2.11	2.21	2.37	2.52	2.88	3.26

	Heating			ACS	SPF ACS (45 °C)				
MODEL	Power 7/35 kW	SCOP 35 (Middle climatic zone)	SCOP 55 (Middle climatic zone)	Power 7/35 kW	Climatic zone				
					A	B	C	D	E
DUAL CLIMA 16HT PRO / 16HTT PRO	16.84	5.21	4.01	16.84	3.12	2.87	2.87	2.69	2.69

DUAL CLIMA 16HT PRO / 16HTT PRO - HEATING PERFORMANCE AND ELECTRIC CONSUMPTION CURVES

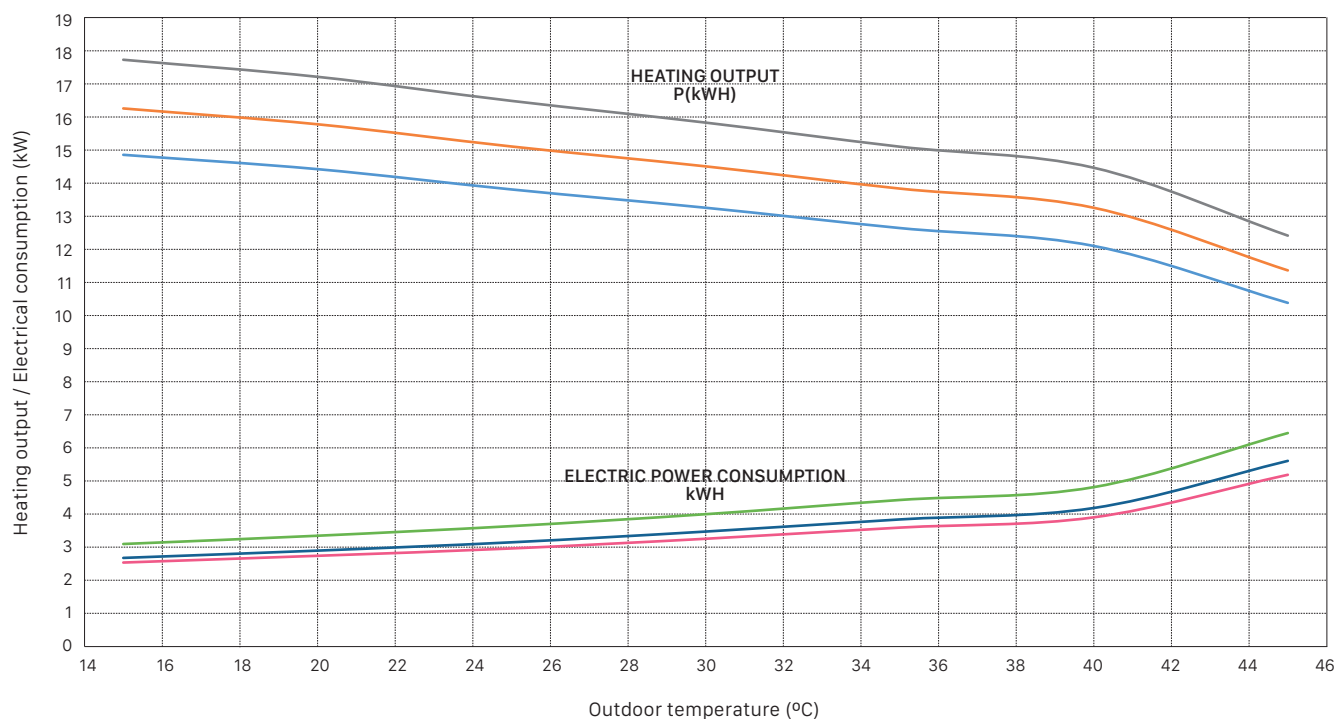


DUAL CLIMA 16HT PRO / 16HTT PRO - COOLING CAPACITIES AND EFFICIENCIES

WATER OUTLET (°C)		OUTDOOR AIR TEMPERATURE (°C)						
		15	20	25	30	35	40	45
7	Cooling capacity (kw)	14.89	14.45	13.84	13.29	12.67	12.13	10.41
	Input power (kW)	3.13	3.38	3.67	4.03	4.46	4.85	6.49
	COP	4.76	4.28	3.77	3.30	2.84	2.50	1.60
12	Cooling capacity (kw)	16.31	15.83	15.16	14.55	13.88	13.29	11.39
	Input power (kW)	2.71	2.92	3.17	3.50	3.86	4.20	5.62
	COP	6.03	5.41	4.77	4.16	3.59	3.16	2.03
18	Cooling capacity (kw)	17.74	17.22	16.49	15.82	15.09	14.45	12.39
	Input power (kW)	2.51	2.72	2.94	3.24	3.59	3.90	5.21
	COP	7.06	6.33	5.60	4.88	4.21	3.70	2.38

MODEL	Cooling		ACS	SPF ACS (45 °C)				
	Power 35/18 kW	SEER	Power 7/35 kW	Climatic zone				
				A	B	C	D	E
DUAL CLIMA 16HT PRO / 16HTT PRO	15.09	6.46	16.84	3.12	2.87	2.87	2.69	2.69

DUAL CLIMA 16HT PRO / 16HTT PRO - COOLING POWER AND ELECTRICAL CONSUMPTION CURVES



Heating output 7 °C

Heating output 12 °C

Heating output 18 °C

Electric power consumption 7 °C

Electric power consumption 12 °C

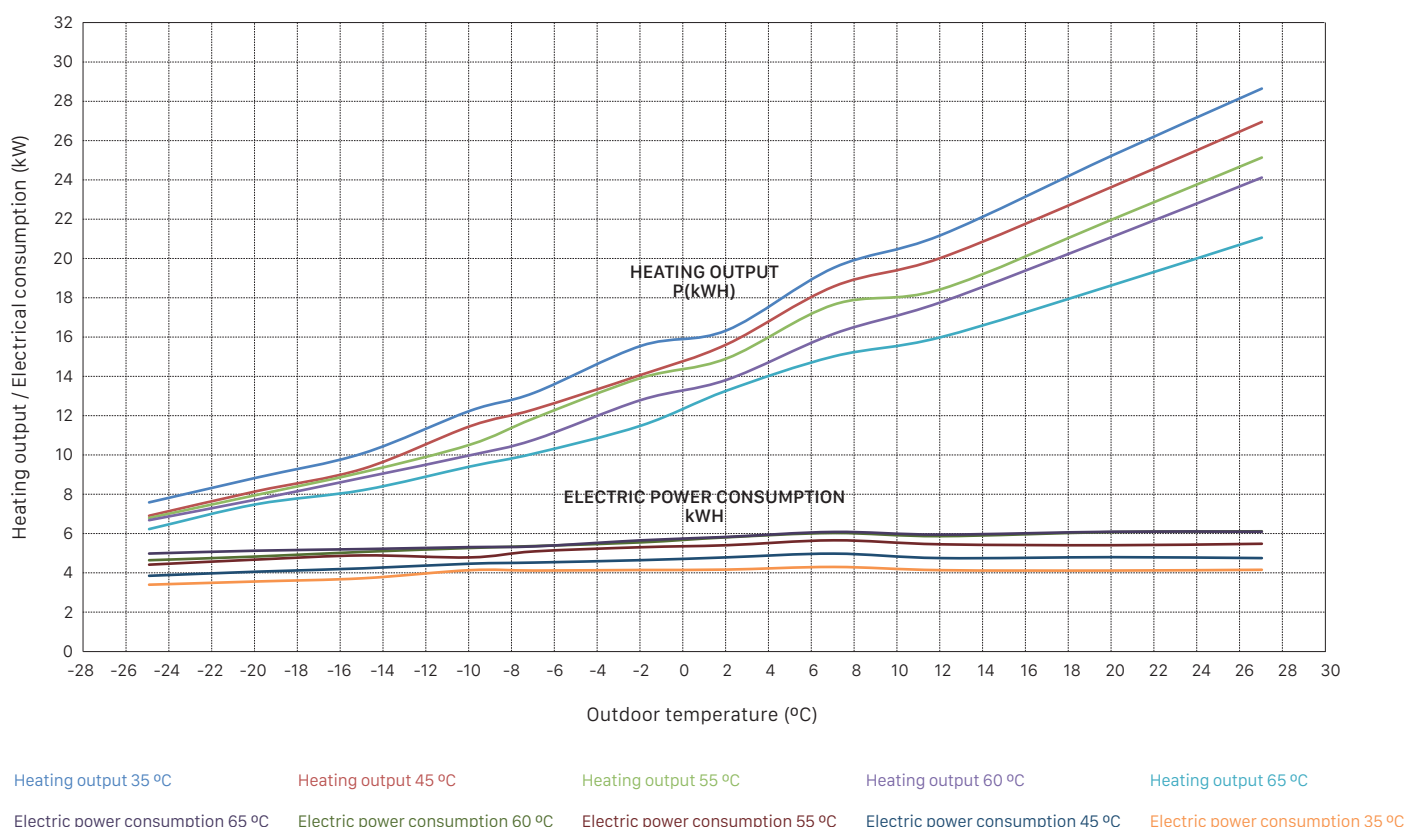
Electric power consumption 18 °C

DUAL CLIMA 19HT PRO / 19HTT PRO - HEATING POWER AND EFFICIENCY

WATER OUTLET (°C)		OUTDOOR AIR TEMPERATURE (°C)										
		-25	-20	-15	-10	-7	-2	2	7	12	20	27
35	Heating capacity (kW)	7.54	8.80	10.05	12.22	13.14	15.54	16.33	19.52	21.19	25.25	28.67
	Input power (kW)	3.42	3.58	3.74	4.14	4.12	4.15	4.17	4.30	4.14	4.12	4.16
	COP	2.20	2.46	2.69	2.95	3.19	3.74	3.92	4.54	5.11	6.12	6.89
45	Heating capacity (kW)	6.86	8.11	9.26	11.43	12.29	14.05	15.61	18.56	20.02	23.64	26.95
	Input power (kW)	3.85	4.06	4.23	4.46	4.52	4.64	4.78	4.97	4.74	4.79	4.74
	COP	1.78	2.00	2.19	2.56	2.72	3.03	3.27	3.74	4.22	4.94	5.68
55	Heating capacity (kW)	6.80	7.97	9.14	10.54	11.89	13.95	14.94	17.69	18.47	22.03	25.19
	Input power (kW)	4.35	4.61	4.83	4.73	5.03	5.25	5.35	5.60	5.40	5.35	5.42
	COP	1.56	1.73	1.89	2.23	2.36	2.66	2.79	3.16	3.42	4.12	4.64
60	Heating capacity (kW)	6.68	7.73	8.84	9.98	10.77	12.80	13.82	16.16	17.77	21.09	24.11
	Input power (kW)	4.67	4.85	5.07	5.26	5.35	5.53	5.77	5.97	5.82	6.02	6.06
	COP	1.43	1.59	1.74	1.90	2.01	2.32	2.40	2.71	3.05	3.50	3.98
65	Heating capacity (kW)	6.26	7.52	8.24	9.44	10.10	11.53	13.31	15.04	16.02	18.66	21.08
	Input power (kW)	4.93	5.08	5.16	5.27	5.30	5.62	5.80	6.06	5.92	6.07	6.07
	COP	1.27	1.48	1.60	1.79	1.91	2.05	2.30	2.48	2.71	3.08	3.48

	Heating			ACS	SPF ACS (45 °C)				
MODEL	Power 7/35 kW	SCOP 35 (Middle climatic zone)	SCOP 55 (Middle climatic zone)	Power 7/35 kW	Climatic zone				
					A	B	C	D	E
DUAL CLIMA 19HT PRO / 19HTT PRO	19.52	5.20	3.98	19.52	3.04	2.80	2.80	2.62	2.62

DUAL CLIMA 19HT PRO / 19HTT PRO - HEATING PERFORMANCE AND ELECTRIC CONSUMPTION CURVES

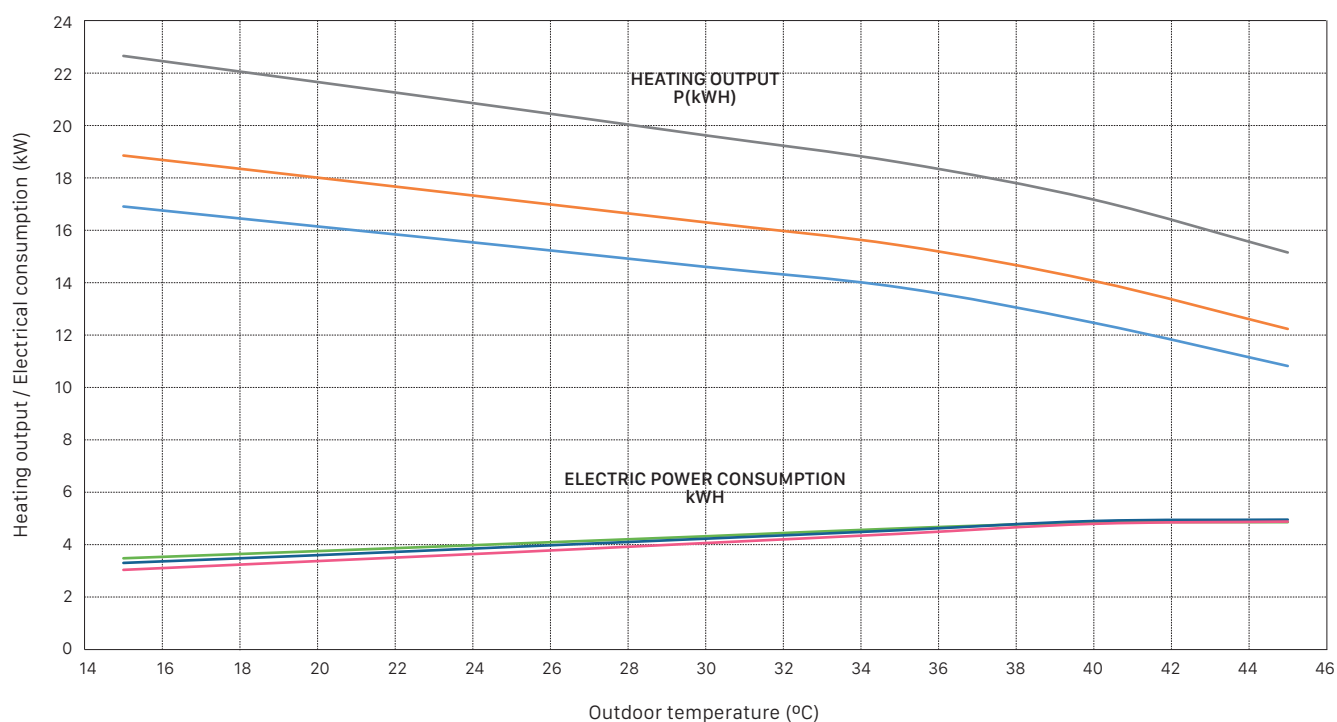


DUAL CLIMA 19HT PRO / 19HTT PRO - COOLING CAPACITIES AND EFFICIENCIES

WATER OUTLET (°C)		OUTDOOR AIR TEMPERATURE (°C)						
		15	20	25	30	35	40	45
7	Cooling capacity (kw)	16.97	16.20	15.43	14.64	13.85	12.48	10.82
	Input power (kW)	3.46	3.75	4.04	4.34	4.65	4.88	4.90
	COP	4.90	4.32	3.82	3.37	2.98	2.56	2.21
12	Cooling capacity (kw)	18.84	18.00	17.15	16.29	15.42	14.06	12.23
	Input power (kW)	3.31	3.61	3.93	4.24	4.57	4.92	4.97
	COP	5.68	4.98	4.37	3.84	3.37	2.86	2.46
18	Cooling capacity (kw)	22.68	21.68	20.68	19.65	18.62	17.20	15.19
	Input power (kW)	3.07	3.40	3.73	4.08	4.43	4.81	4.89
	COP	7.40	6.38	5.54	4.81	4.20	3.58	3.10

MODEL	Cooling		ACS	SPF ACS (45 °C)				
	Power 35/18 kW	SEER	Power 7/35 kW	Climatic zone				
				A	B	C	D	E
DUAL CLIMA 19HT PRO / 19HTT PRO	18.62	6.36	19.52	3.04	2.80	2.80	2.62	2.62

DUAL CLIMA 19HT PRO / 19HTT PRO - COOLING POWER AND ELECTRICAL CONSUMPTION CURVES



Heating output 7 °C

Heating output 12 °C

Heating output 18 °C

Electric power consumption 7 °C

Electric power consumption 12 °C

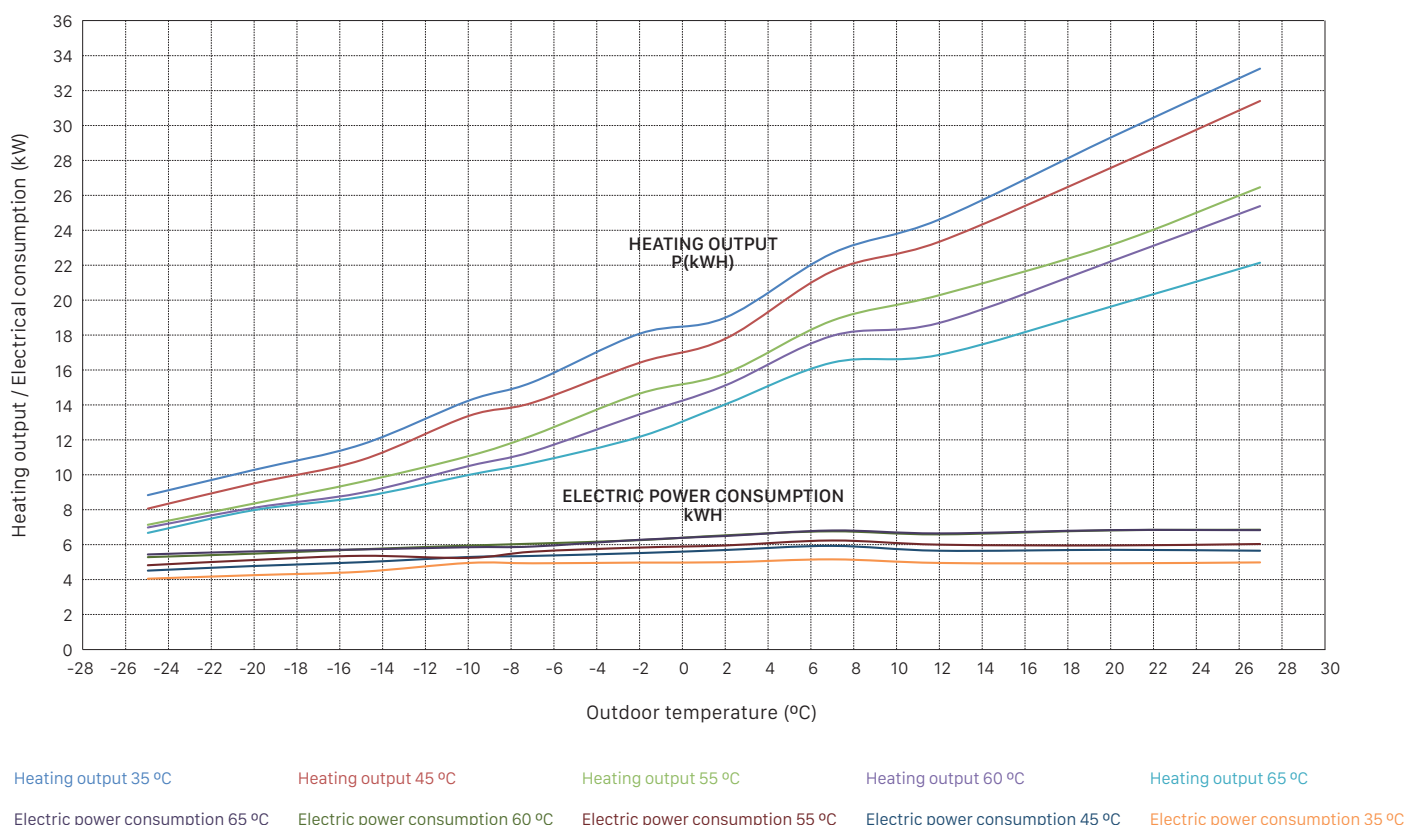
Electric power consumption 18 °C

DUAL CLIMA 22HTT PRO - HEATING POWER AND EFFICIENCY

WATER OUTLET (°C)		OUTDOOR AIR TEMPERATURE (°C)										
		-25	-20	-15	-10	-7	-2	2	7	12	20	27
35	Heating capacity (kW)	8.75	10.21	11.67	14.19	15.25	18.04	18.96	22.66	24.60	29.31	33.28
	Input power (kW)	4.00	4.19	4.37	4.83	4.81	4.85	4.87	5.02	4.83	4.81	4.86
	COP	2.19	2.44	2.67	2.94	3.17	3.72	3.89	4.51	5.09	6.09	6.85
45	Heating capacity (kW)	7.96	9.41	10.74	13.26	14.02	16.31	17.68	21.54	23.23	27.45	31.29
	Input power (kW)	4.49	4.74	4.94	5.21	5.27	5.42	5.58	5.80	5.54	5.59	5.54
	COP	1.77	1.99	2.18	2.55	2.66	3.01	3.17	3.72	4.19	4.91	5.65
55	Heating capacity (kW)	7.13	8.35	9.59	11.06	12.25	14.63	15.78	18.80	20.25	23.11	26.42
	Input power (kW)	4.81	5.10	5.33	5.21	5.56	5.79	5.91	6.19	5.95	5.91	5.99
	COP	1.48	1.64	1.80	2.12	2.20	2.52	2.67	3.04	3.40	3.91	4.41
60	Heating capacity (kW)	6.97	8.10	8.95	10.47	11.30	13.42	15.07	17.90	18.63	22.13	25.29
	Input power (kW)	5.16	5.36	5.60	5.80	5.91	6.10	6.37	6.59	6.43	6.65	6.68
	COP	1.35	1.51	1.60	1.81	1.91	2.20	2.37	2.71	2.90	3.33	3.78
65	Heating capacity (kW)	6.57	7.88	8.64	9.90	10.60	12.09	13.96	16.36	16.80	19.57	22.11
	Input power (kW)	5.45	5.61	5.70	5.82	5.86	6.20	6.40	6.68	6.53	6.70	6.70
	COP	1.21	1.41	1.51	1.70	1.81	1.95	2.18	2.45	2.57	2.92	3.30

	Heating			ACS	SPF ACS (45 °C)				
MODEL	Power 7/35 kW	SCOP 35 (Middle climatic zone)	SCOP 55 (Middle climatic zone)	Power 7/35 kW	Climatic zone				
					A	B	C	D	E
DUAL CLIMA 22HTT PRO	22.66	5.15	3.98	22.66	3.02	2.78	2.78	2.61	2.61

DUAL CLIMA 22HTT PRO - HEATING PERFORMANCE AND ELECTRIC CONSUMPTION CURVES

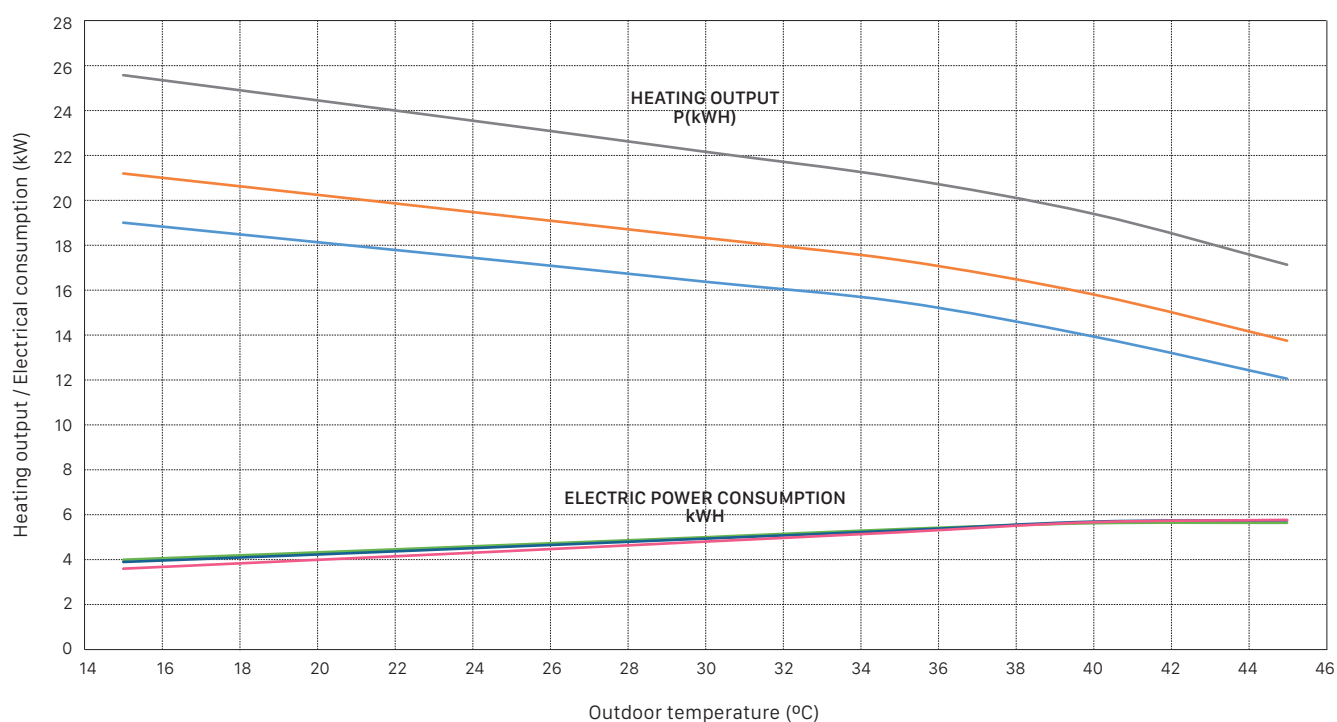


DUAL CLIMA 22HTT PRO - COOLING CAPACITIES AND EFFICIENCIES

WATER OUTLET (°C)		OUTDOOR AIR TEMPERATURE (°C)						
		15	20	25	30	35	40	45
7	Cooling capacity (kw)	19.01	18.15	17.28	16.40	15.51	13.98	12.12
	Input power (kW)	3.98	4.31	4.65	4.99	5.36	5.62	5.64
	COP	4.77	4.21	3.71	3.28	2.90	2.49	2.15
12	Cooling capacity (kw)	21.22	20.27	19.31	18.35	17.36	15.83	13.77
	Input power (kW)	3.86	4.20	4.57	4.94	5.31	5.72	5.78
	COP	5.50	4.82	4.23	3.72	3.27	2.77	2.38
18	Cooling capacity (kw)	25.59	24.47	23.33	22.17	21.02	19.41	17.14
	Input power (kW)	3.61	4.00	4.39	4.80	5.21	5.66	5.76
	COP	7.10	6.12	5.32	4.62	4.03	3.43	2.98

MODEL	Cooling		ACS	SPF ACS (45 °C)				
	Power 35/18 kW	SEER	Power 7/35 kW	Climatic zone				
				A	B	C	D	E
DUAL CLIMA 22HTT PRO	21.02	6.38	22.66	3.02	2.78	2.78	2.61	2.61

DUAL CLIMA 22HTT PRO - COOLING POWER AND ELECTRICAL COSUMPTION CURVES



Heating output 7 °C

Heating output 12 °C

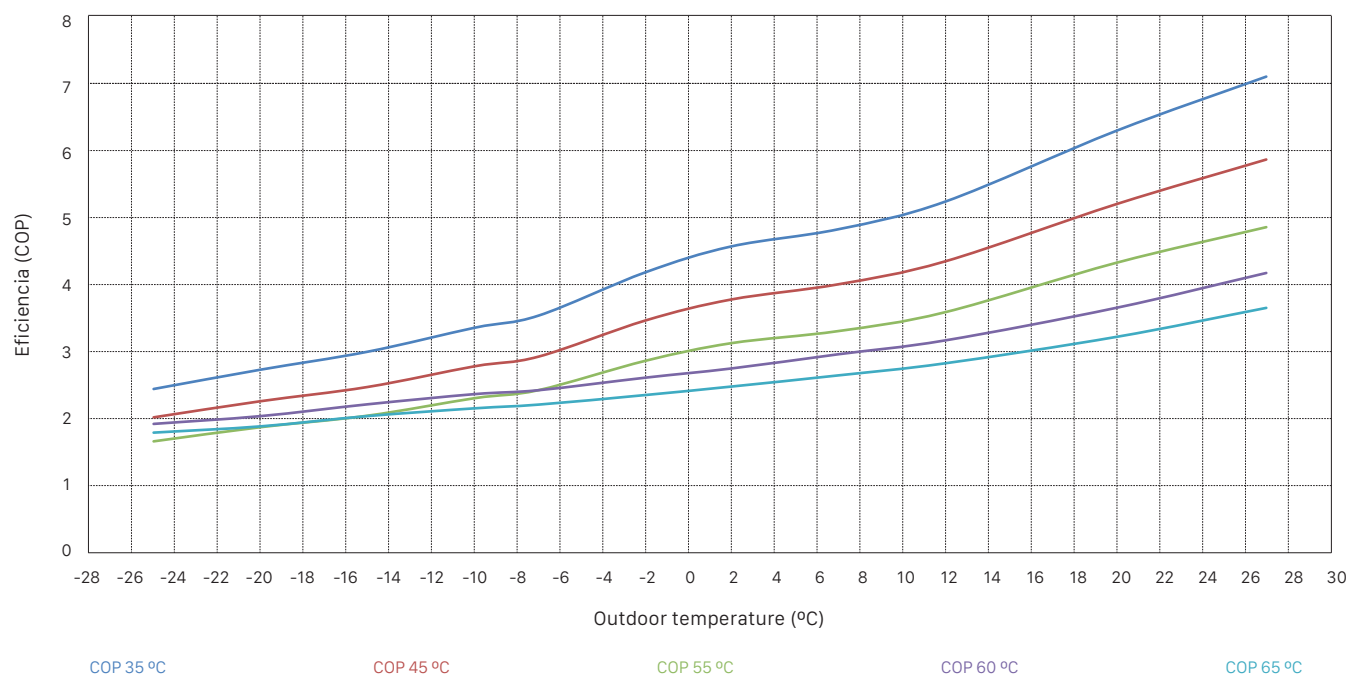
Heating output 18 °C

Electric power consumption 7 °C

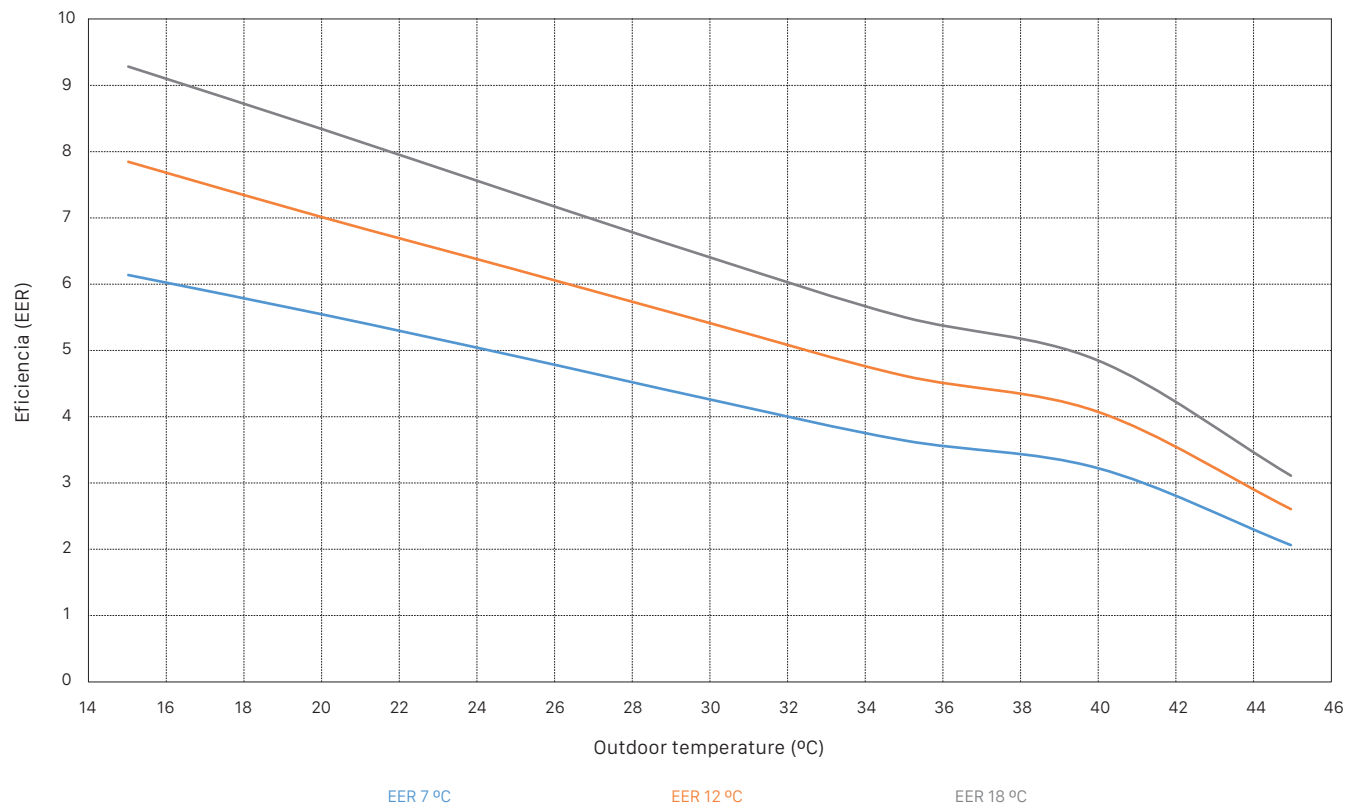
Electric power consumption 12 °C

Electric power consumption 18 °C

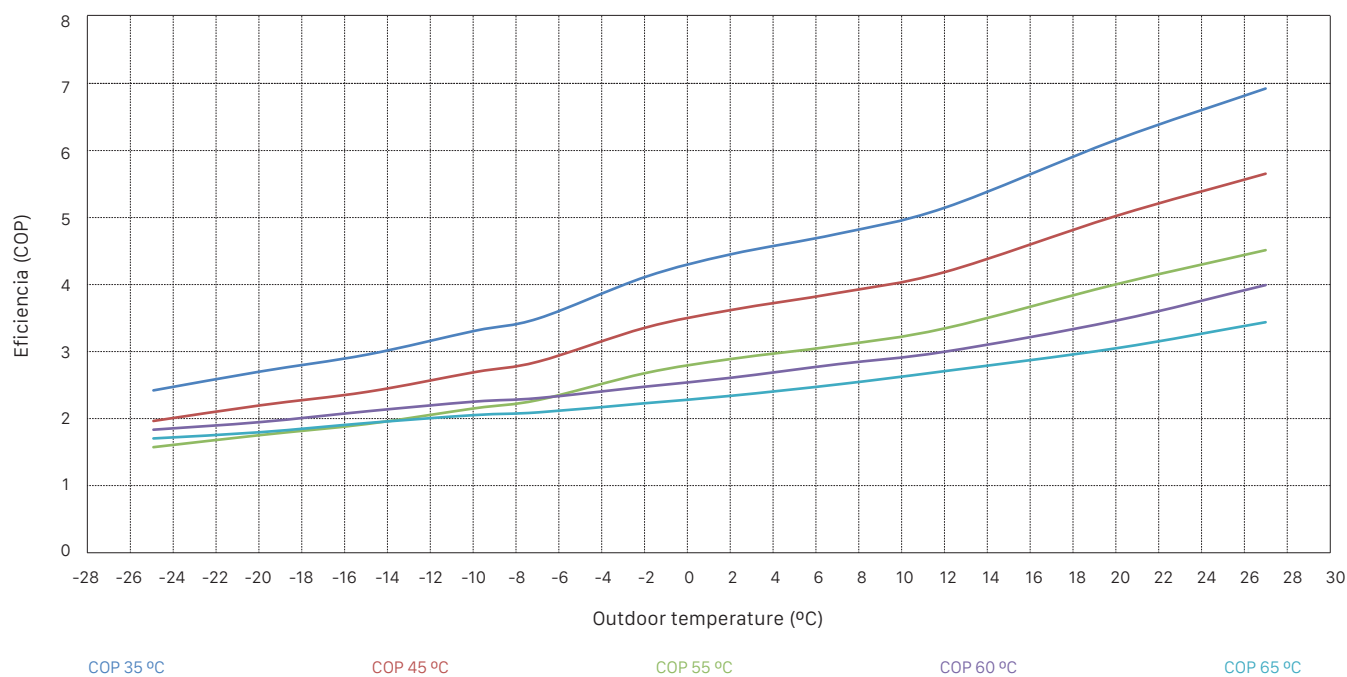
DUAL CLIAMA 6 HT PRO - HEATING EFFICIENCY CURVES (COP)



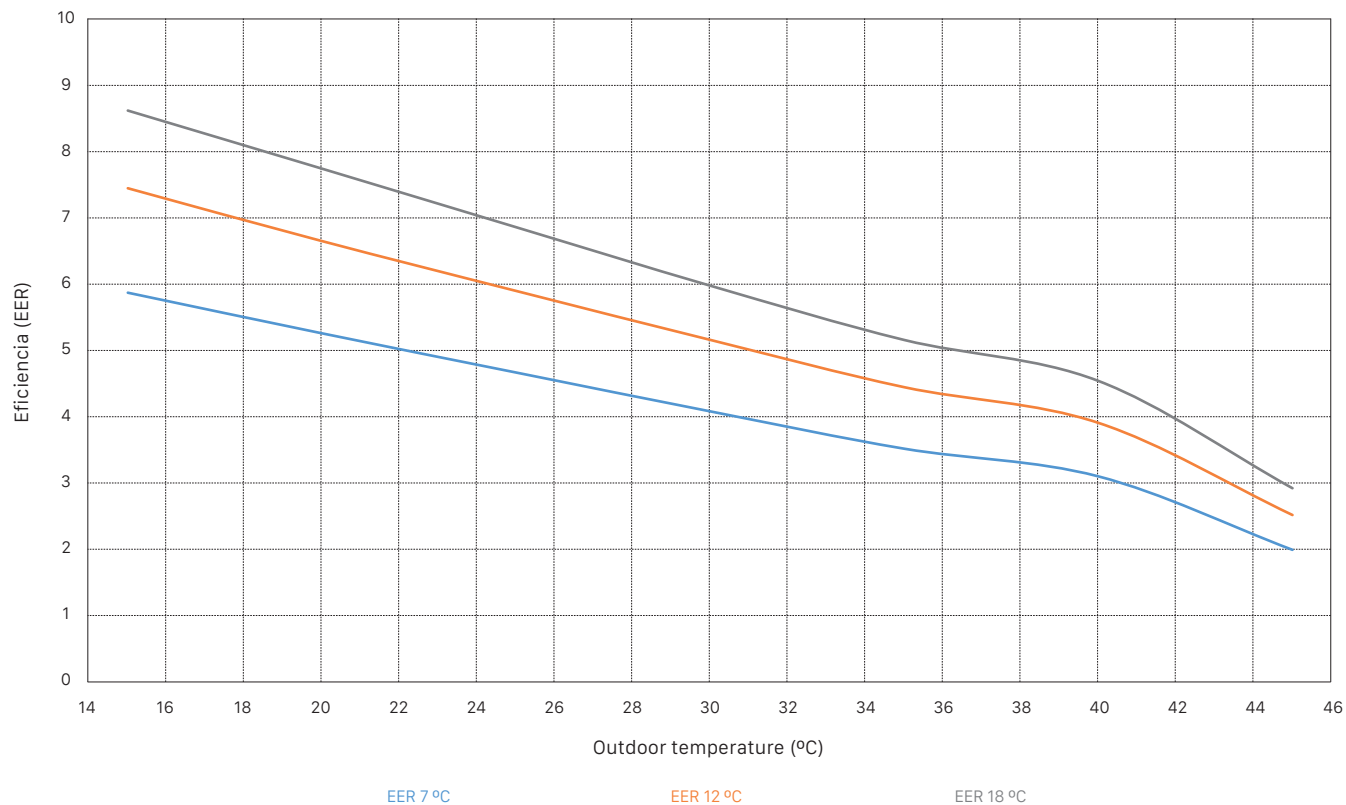
DUAL CLIAMA 6 HT PRO - COOLING EFFICIENCY CURVES



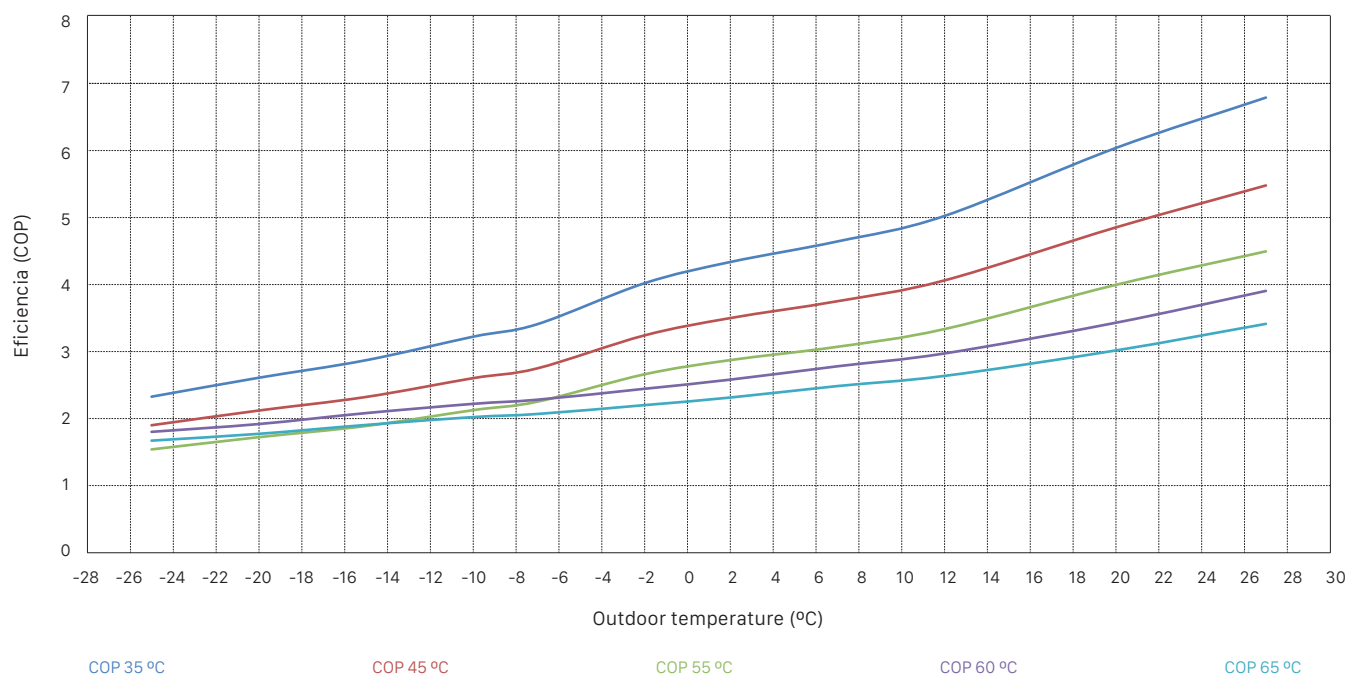
DUAL CLIAMA 9 HT PRO - HEATING EFFICIENCY CURVES (COP)



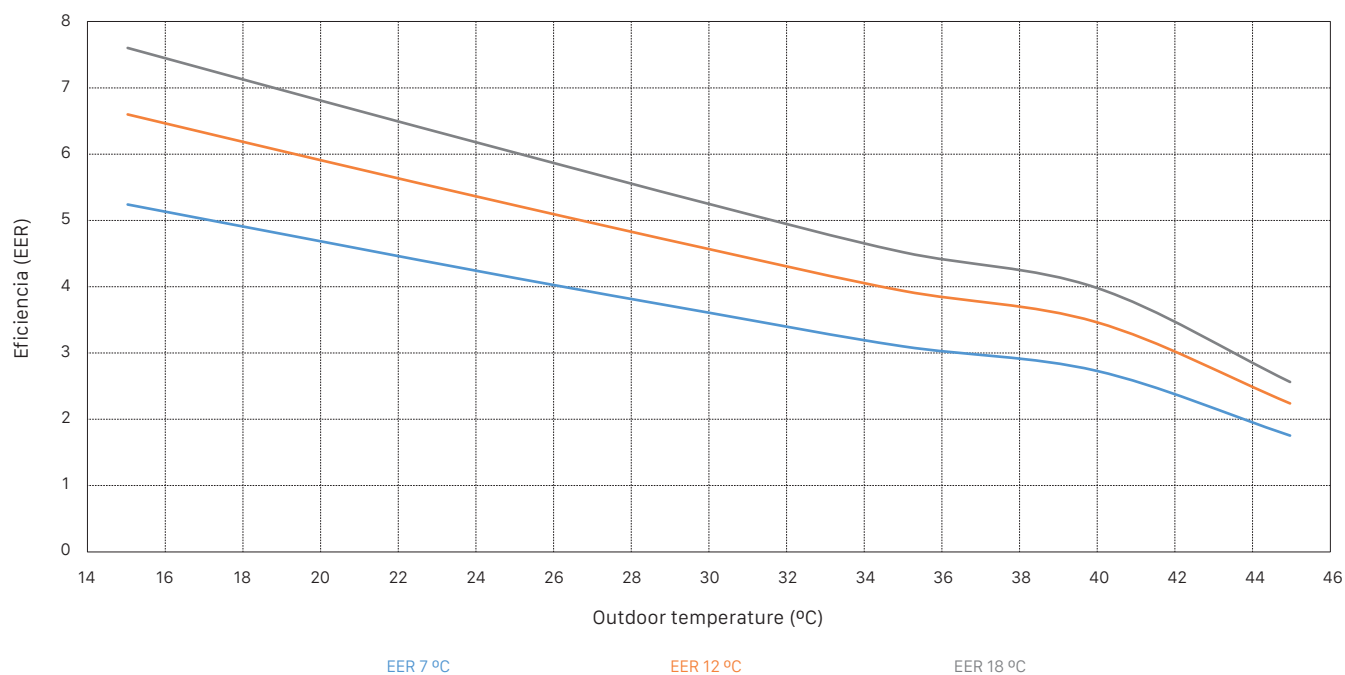
DUAL CLIAMA 9 HT PRO - COOLING EFFICIENCY CURVES



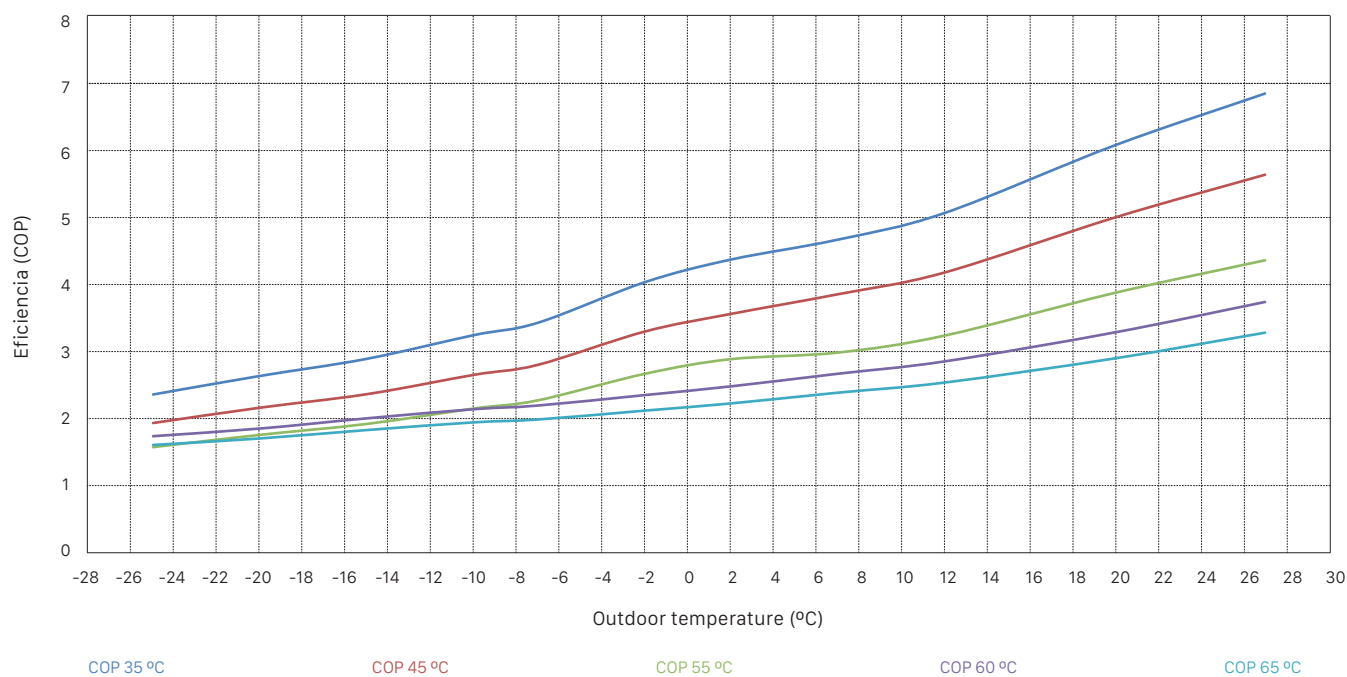
DUAL CLIAMA 12 HT PRO/ 12 HTT PRO - HEATING EFFICIENCY CURVES (COP)



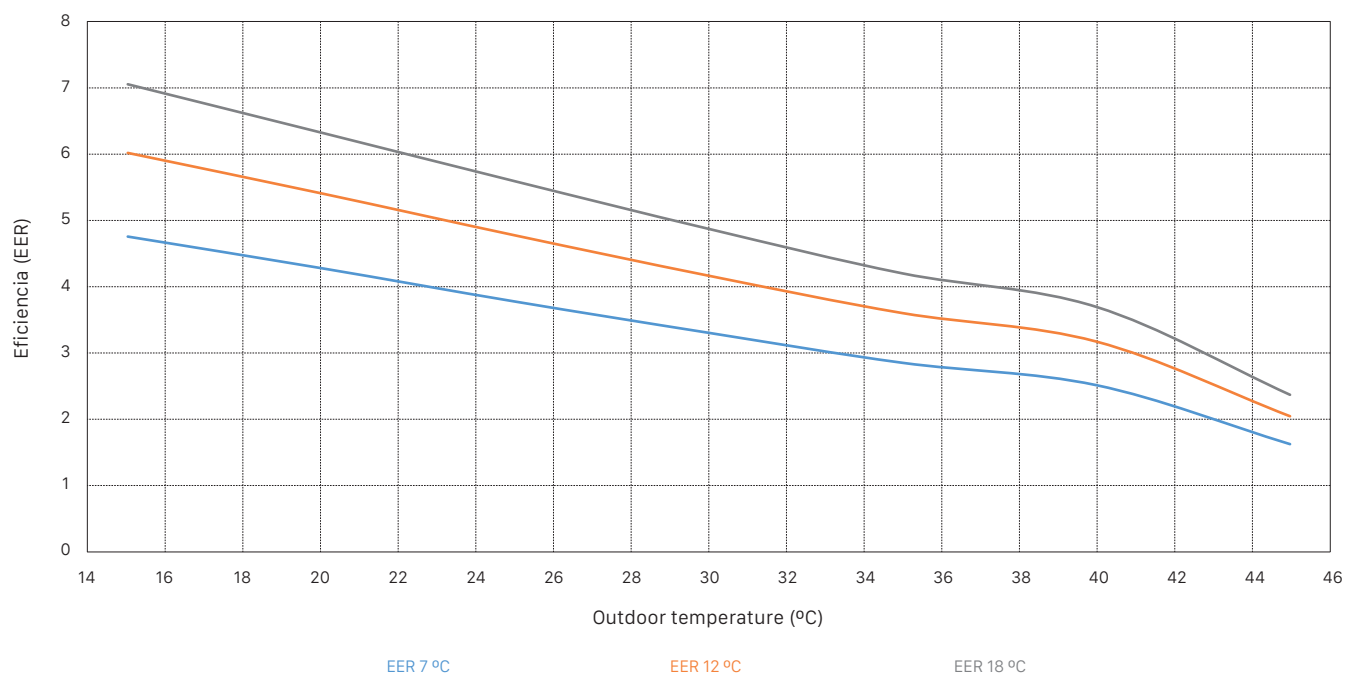
DUAL CLIAMA 12 HT PRO / 12 HTT PRO - COOLING EFFICIENCY CURVES



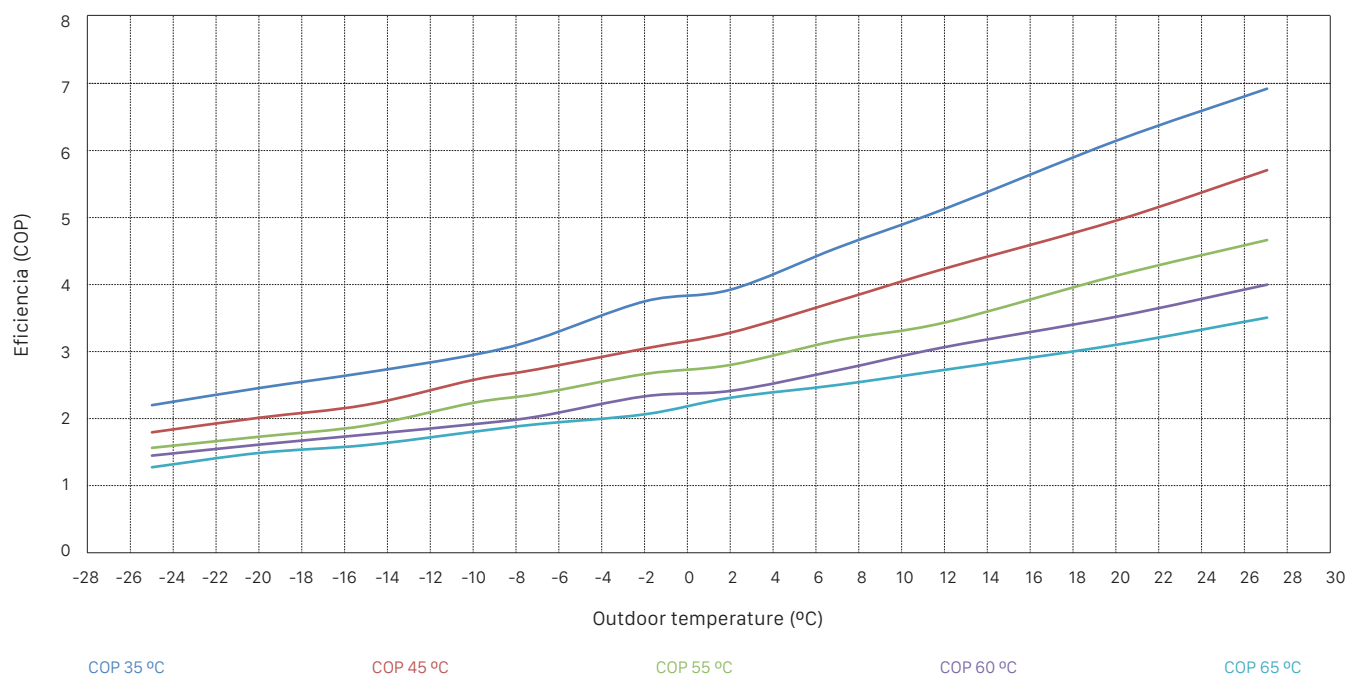
DUAL CLIAMA 16 HT PRO / 16 HTT PRO - HEATING EFFICIENCY CURVES (COP)



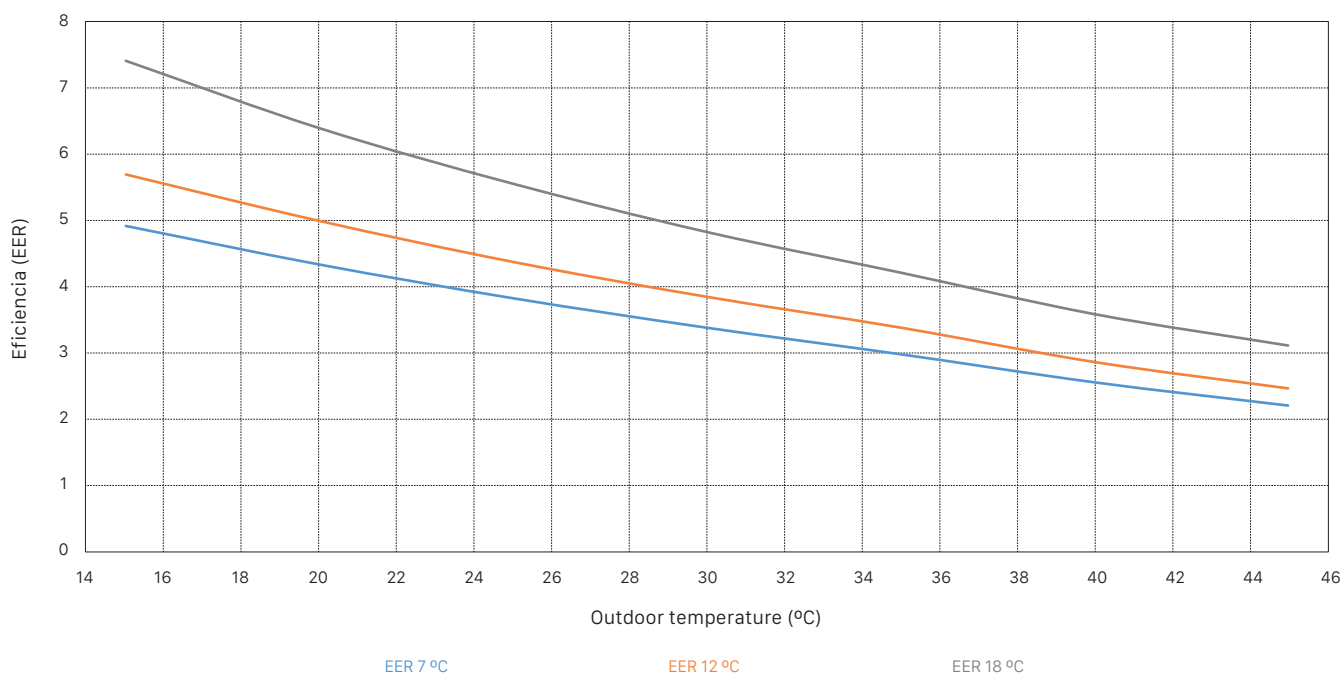
DUAL CLIAMA 16 HT PRO / 16 HTT PRO - COOLING EFFICIENCY CURVES



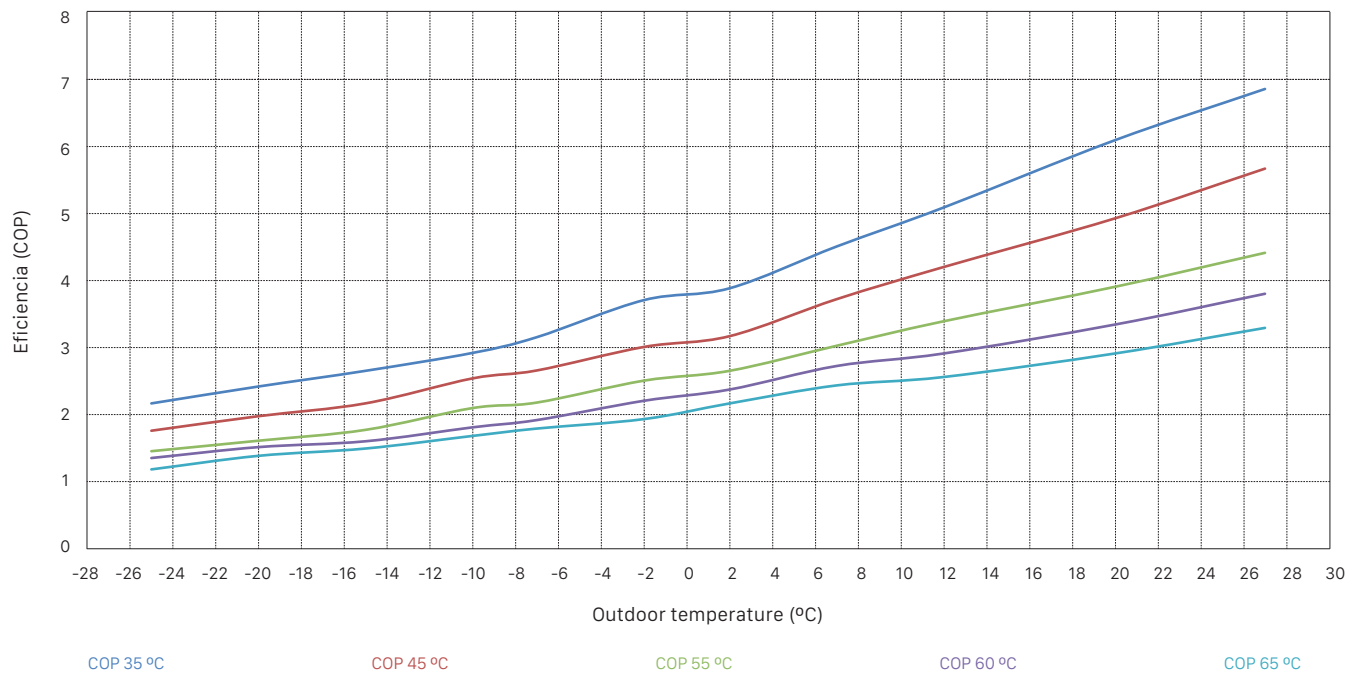
DUAL CLIAMA 19 HT PRO/ 19 HTT PRO - HEATING EFFICIENCY CURVES (COP)



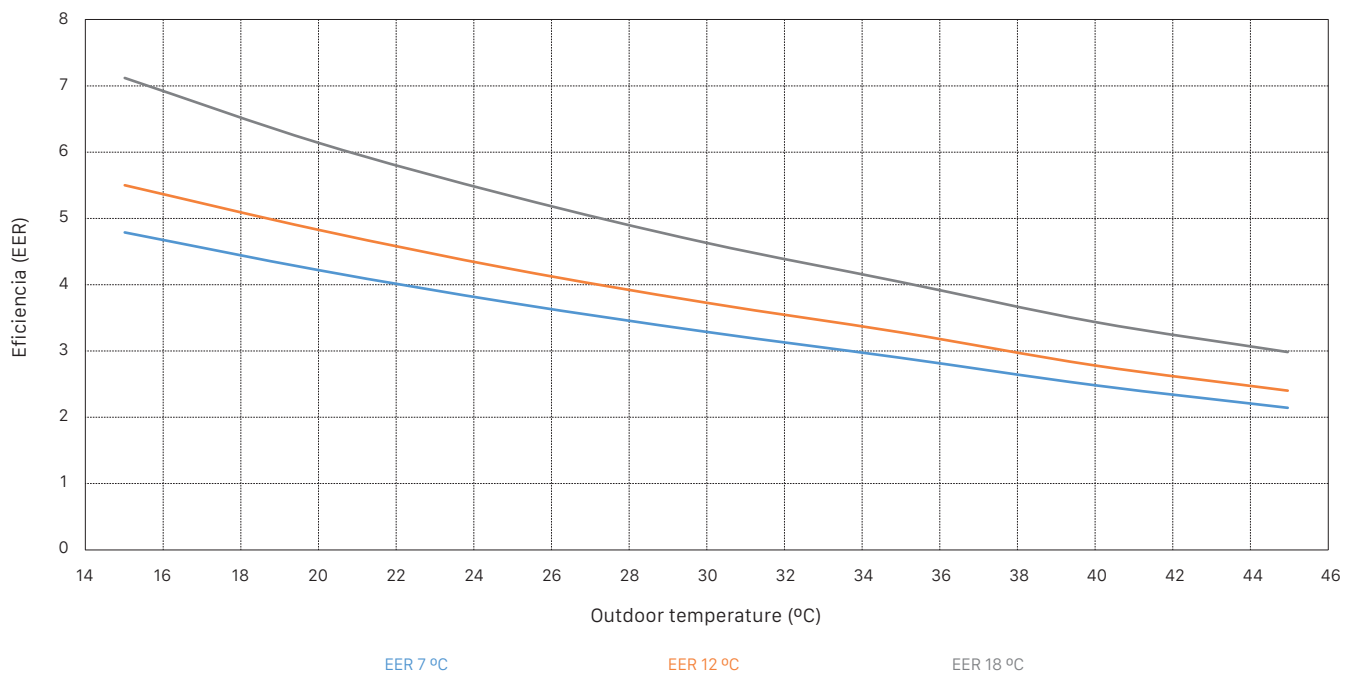
DUAL CLIAMA 19 HT PRO/ 16 HTT PRO - COOLING EFFICIENCY CURVES



DUAL CLIAMA 22 HT PRO/ 22 HTT PRO - HEATING EFFICIENCY CURVES (COP)



DUAL CLIMA 22 HT PRO / 22 HTT PRO - COOLING EFFICIENCY CURVES



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