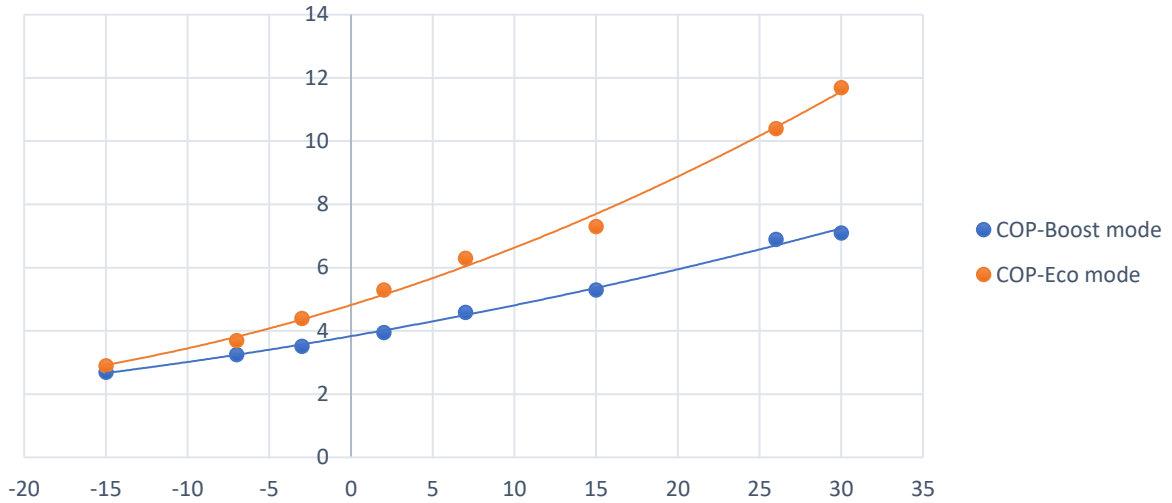


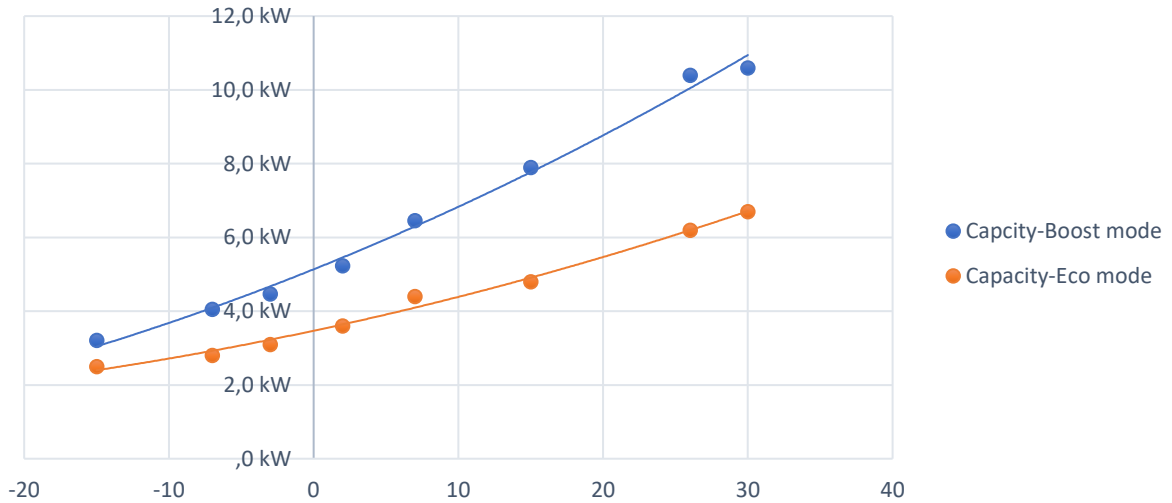
Technical data summary and curves of CARE290 2024

Models	CARE 290 S IVR08-K2	CARE 290 S+ IVR10-K2	CARE 290 M IVR12-K2	CARE 290 XM IVR15-K2
SCOP according to EN 17645	7,7	7,9	7,4	7,2
Classification according to EN 17645	A	A	A	A
Recommended pool size (Mai to septembre with pool cover)	45-55 m ³	55-70 m ³	70-85 m ³	85-105 m ³
Air 26°C / Eau 26°C / 80%HR -				
Capacity in Boost Mode (kW)	10,4 kW	13,1 kW	15,3 kW	20,5 kW
COP Boost Mode	6,9	6,9	5,9	5,9
Capacity in SMART Mode (kW)	10,4 ~ 6,22 kW	13,1 ~ 8,78 kW	15,3 ~ 9,22 kW	20,5 ~ 12,01 kW
COP SMART Mode	10,4 ~ 6,9	11,2 ~ 6,9	10,3 ~ 5,9	9,9 ~ 5,9
Capacity in ECO-Silence (kW)	6,2 kW	8,8 kW	9,2 kW	12,0 kW
COP ECO-Silence (kW)	10,4	11,2	10,3	9,9
Air 15°C / Eau 26°C / 70%HR				
Capacity in Boost Mode (kW)	7,9 kW	10,2 kW	12,1 kW	14,8 kW
COP Boost Mode	5,3	5,2	5,1	5,2
Capacity in SMART Mode (kW)	7,9 ~ 4,8 kW	10,2 ~ 6,24 kW	12,1 ~ 6,98 kW	14,8 ~ 9,76 kW
COP SMART Mode	7,3 ~ 5,3	7,8 ~ 5,2	7 ~ 5,1	6,7 ~ 5,2
Capacity in ECO-Silence (kW)	4,8 kW	6,2 kW	7,0 kW	9,8 kW
COP ECO-Silence (kW)	7,3	7,8	7,0	6,7
Air -15°C / Eau 26°C / 0% HR				
Capacity in Boost Mode (kW)	3,2 kW	3,9 kW	4,5 kW	5,9 kW
COP Boost Mode	2,7	2,2	2,3	2,3
Weighted sound power level min - EN ISO 3741: 2010 à 1m	55 dB(A)	55 dB(A)	56 dB(A)	56 dB(A)
Weighted sound power level max - EN ISO 3741: 2010 à 1m	57 dB(A)	58 dB(A)	60 dB(A)	61 dB(A)
Weighted sound power level min-max (at 10m) according to EN ISO 3741 :2010 - CTTM	27 ~ 29 dB(A)	27 ~ 30 dB(A)	28 ~ 32 dB(A)	28 ~ 33 dB(A)
Weighted sound power level min-max (at 10m) according to EN ISO 3741 :2010 - CTTM	22 ~ 25 dB(A)	25 ~ 28 dB(A)	25 ~ 29 dB(A)	26 ~ 29 dB(A)
Plage de fonctionnement	-25°C -> 43°C			
Gaz et matériaux				
Type of casing	ABS 70% recycled + Anti UV Treatment			
Type of refrigerant	R290			
Refrigerant quantity	0,42 kg	0,49 kg	0,69 kg	0,77 kg
Installation				
Water connection	1,5"/50 mm			
Power supply	230 V / 1~+N / 50 Hz			
Nominal current (rated current)	6,8 A (10 A)	8,5 A (13 A)	10,8 A (15 A)	12,7 A (17 A)
Protection and cable size (20 m)	C 16 A (3G 2,5mm ²)	C 16 A (3G 2,5mm ²)	C 20 A (3G 4,0mm ²)	C 20 A (3G 4,0mm ²)
Maximum power input	2,3 kW	3,0 kW	3,5 kW	3,9 kW
Minimum water flow	3 m ³ /h	4 m ³ /h	5 m ³ /h	6 m ³ /h
Unit dimensions (L x l x h)	1145 x 441 x 888 mm			
Net weight (Gross weight)	65 kg (76 kg)	70 kg (82 kg)	86 kg (96 kg)	91 kg (102 kg)

CARE 290 S
COP function air temperature in heating mode at
water temperature = 26°C

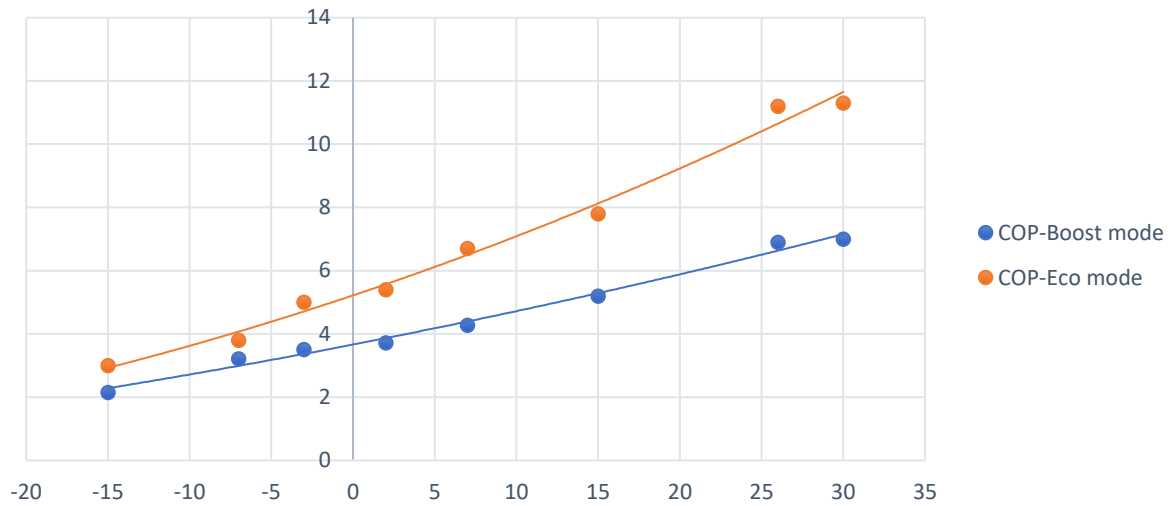


CARE 290 S
Capacity function air temperature in heating mode at
water temperature = 26°C



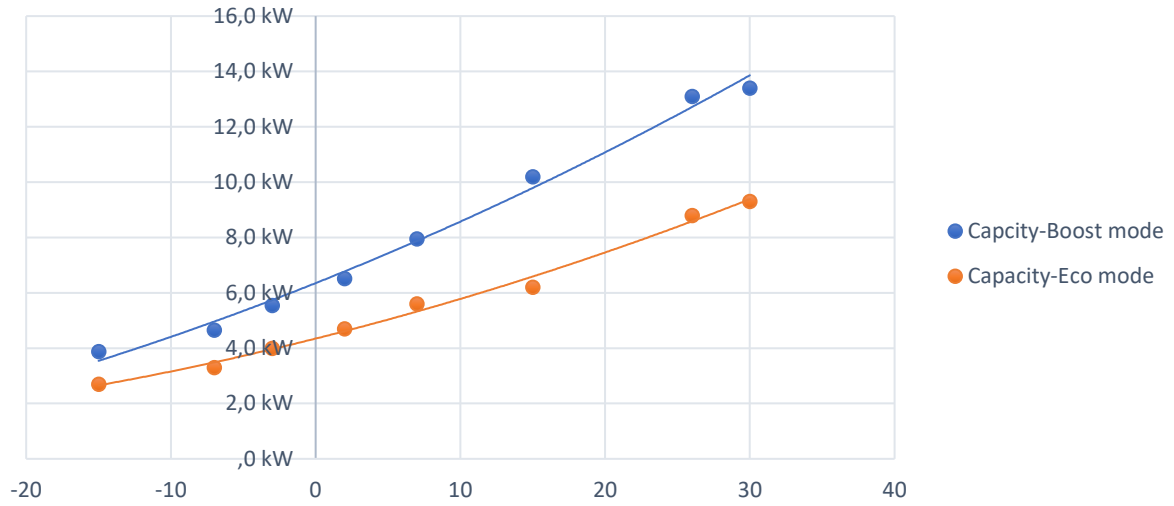
CARE 290 S+

COP function air temperature in heating mode at water temperature = 26°C



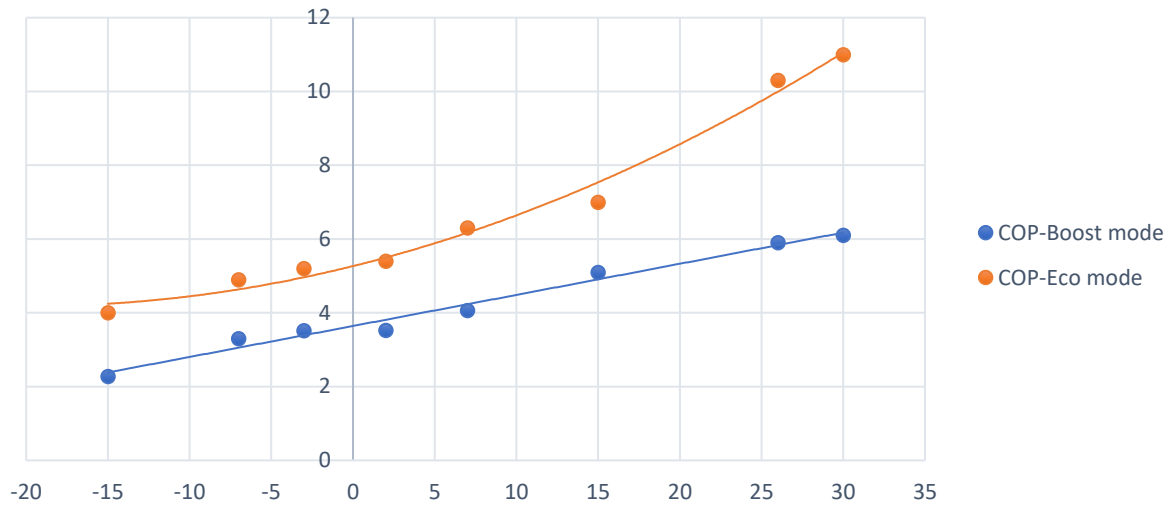
CARE 290 S+

Capacity function air temperature in heating mode at water temperature = 26°C



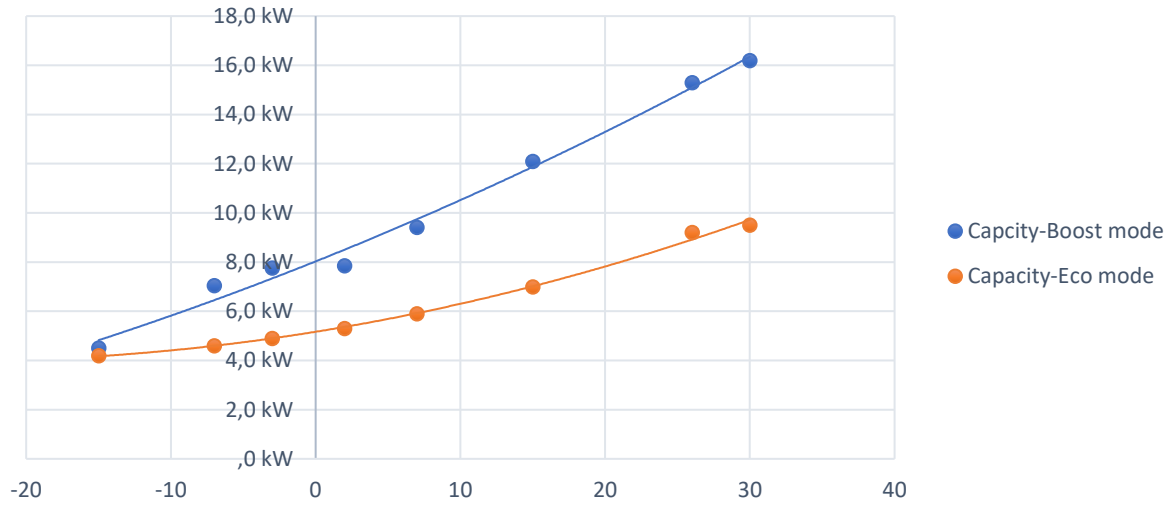
CARE 290 M

COP function air temperature in heating mode at water temperature = 26°C



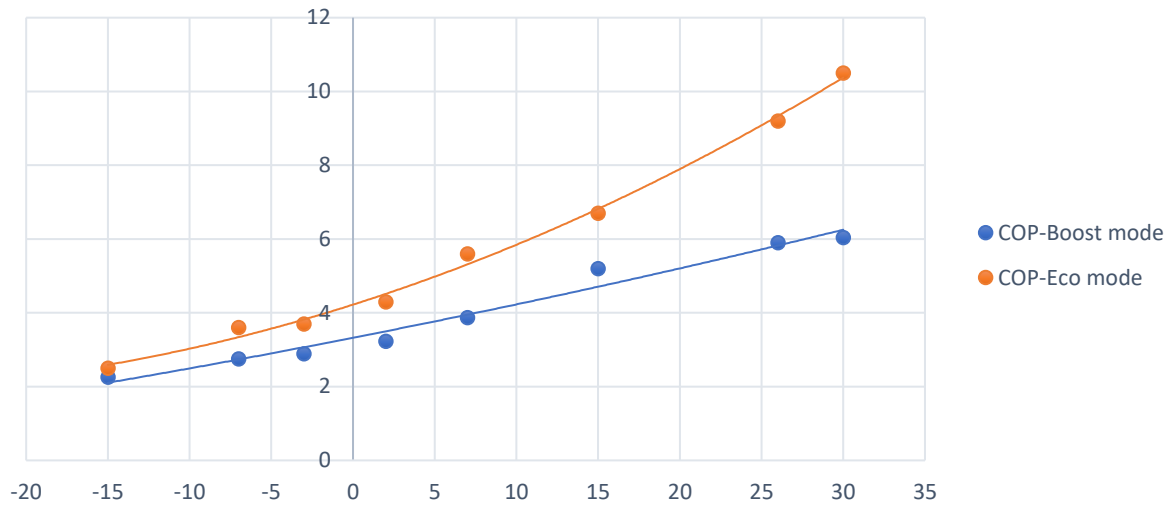
CARE 290 M

Capacity function air temperature in heating mode at water temperature = 26°C



CARE 290 XM

COP function air temperature in heating mode at water temperature = 26°C



CARE 290 XM

Capacity function air temperature in heating mode at water temperature = 26°C

