CLIVET

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LARGE EVO PL

WiSAN-YEE1 PL 20.2 – 85.4

Technical comparison

New product – LARGE EVO PL (WiSAN-YEE1 PL)

Air cooled polyvalent heat pump with Full Inverter technology

R32 Refrigerant, **low environmental impact (GWP = 675)**

Capacity range:

- SC version: 52 – 238 kW
- LN version: 48 – 221 kW
- EN version: 44 – 204 kW

High efficiency versione Excellence:

- Full load efficiency in heating: Average COP = 3,20
- Seasonal efficiency in heating: **SCOP up to 4,17**
- Full load efficiency in cooling: Average EER = 2,90
- Seasonal efficiency in cooling: **SEER up to 4,65**

Three acoustic levels:

- Acoustic configuration with compressor soundproofing (**SC**): standard version
- Silenced acoustic configuration (**LN**): -4 dB(A) compared to SC
- Super-Silenced acoustic configuration (**EN**): -8 dB(A) compared to SC

Extended operative range:

- Minimum outdoor temperature in heating down to **-20°C**
- Maximum water temperature in heating up to **+60°C**
- Maximum outdoor temperature in cooling up to **+48°C**
- Minimum water temperature in cooling down to **+5°C**

LARGE EVO Polyvalent – Comparison with Clivet Series

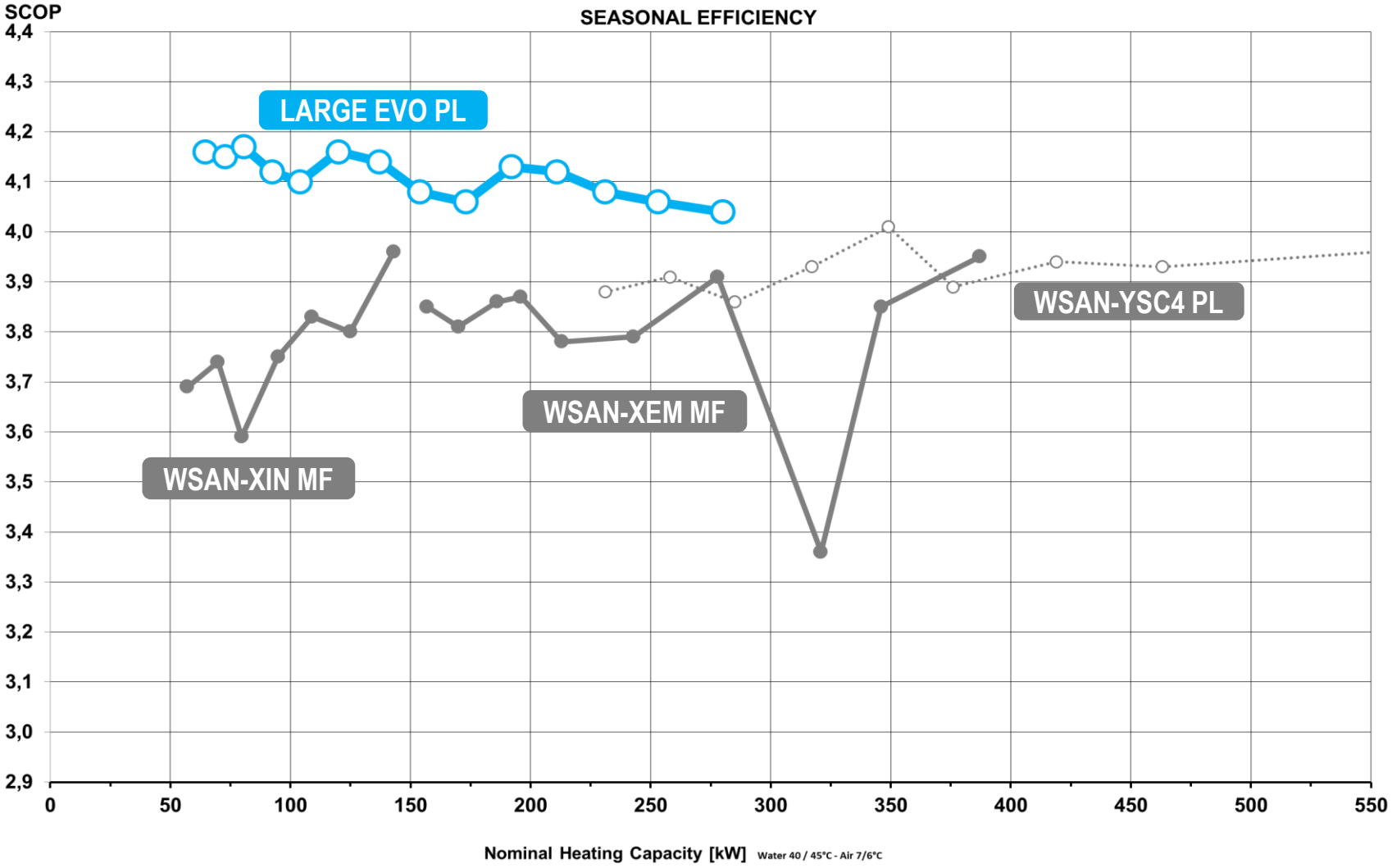
Clivet series (Polyvalent):

LARGE EVO (**WiSAN-YEE1 PL**)	R32	GWP = 675
Magnum (**WSAN-XIN MF**)	R410A	GWP = 2088
Magnum (**WSAN-XEM MF**)	R410A	GWP = 2088
SPINChiller[4] (**WSAN-YSC4 PL**)	R32	GWP = 675

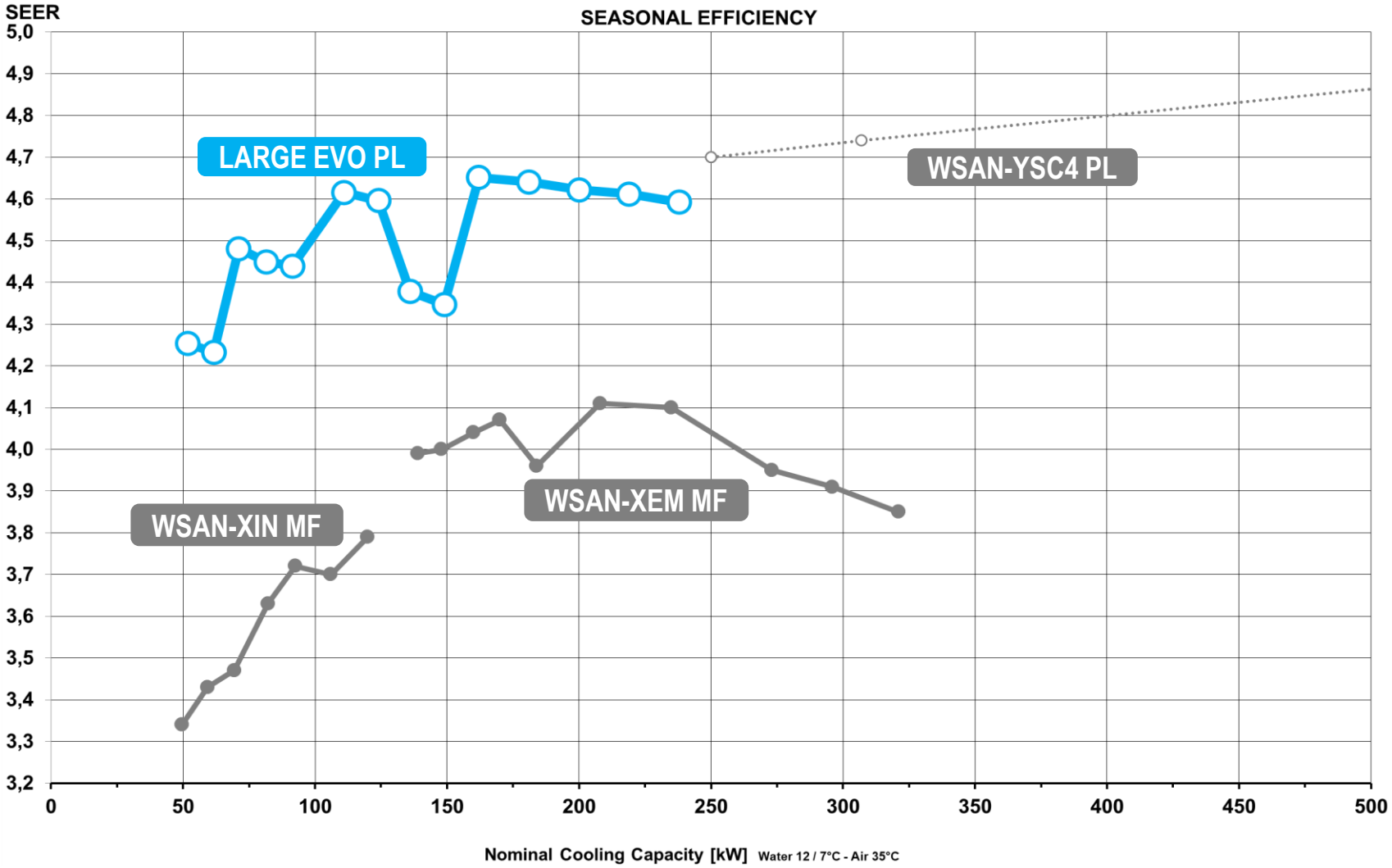
LARGE EVO Polyvalent – Comparison with Clivet Series

	WSAN-XIN MF	WSAN-XEM MF	WiSAN-YEE1 PL
Refrigerant	R410A	R410A	R32
Compressor	Scroll	Scroll	Inverter Scroll
Exchanger	Plate	Plate	Plate
Coil	Copper / Aluminium	Copper / Aluminium	Copper / Aluminium
Fans	EC	EC	EC
Energy Version	EXC	EXC	EXC
Acoustic Version	SC	SC / EN	SC / LN / EN
Capacity Range	50 – 120 kW	139 – 321 kW	52 – 238 kW
COP (average)	3,33	3,33	3,20
EER (average)	2,81	2,70	2,90
SCOP (average)	3,77	3,80	4,11
SEER (average)	3,58	4,00	4,49
Min. Air Temperature (Heating)	-20°C	-15°C	-20°C
Max. Water Temperature (Heating)	+60°C	+60°C	+60°C

WiSAN-YEE1 PL: **SCOP (W35) higher than XIN MF / XEM MF**

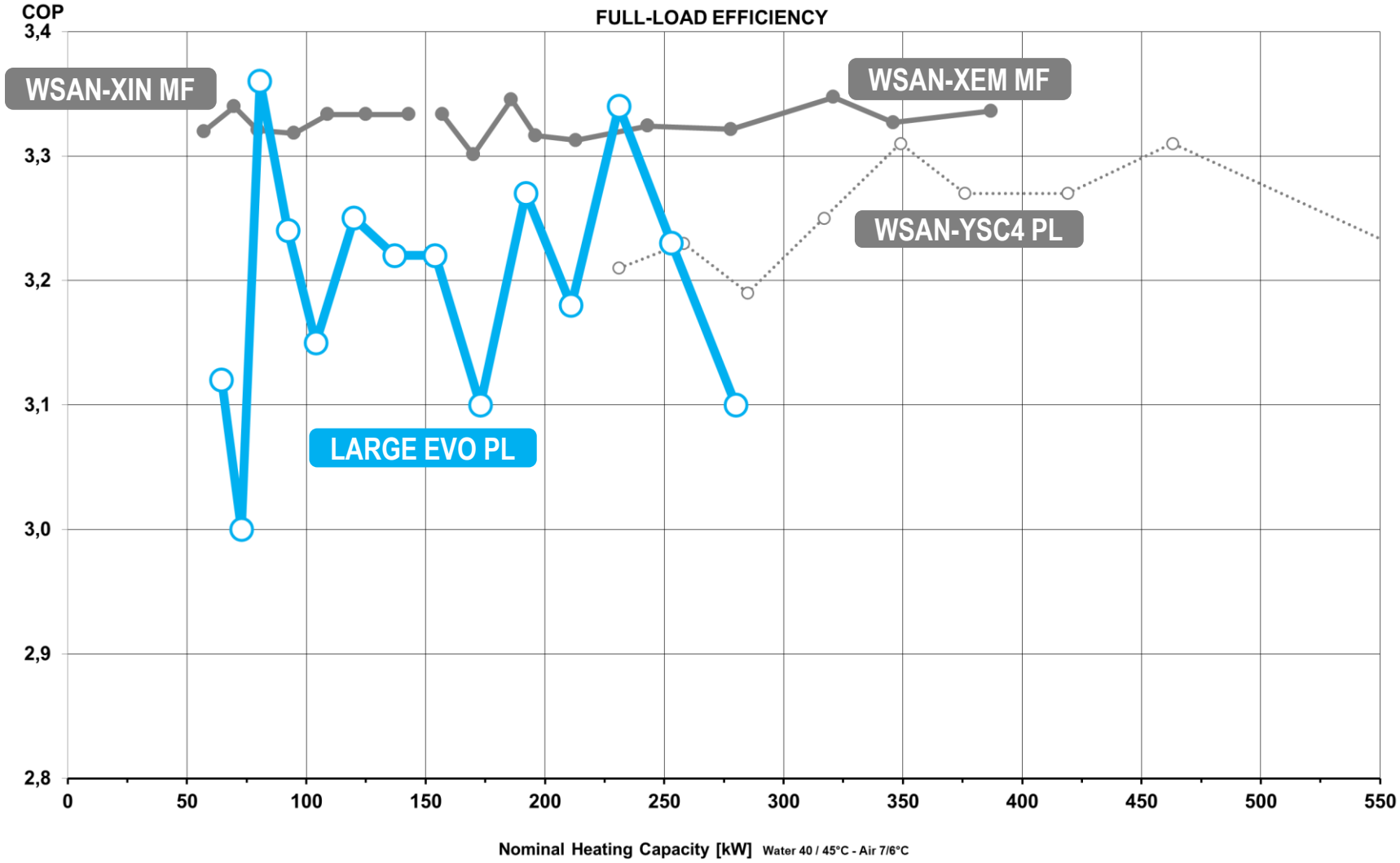


WiSAN-YEE1 PL: **SEER higher than XIN MF / XEM MF**



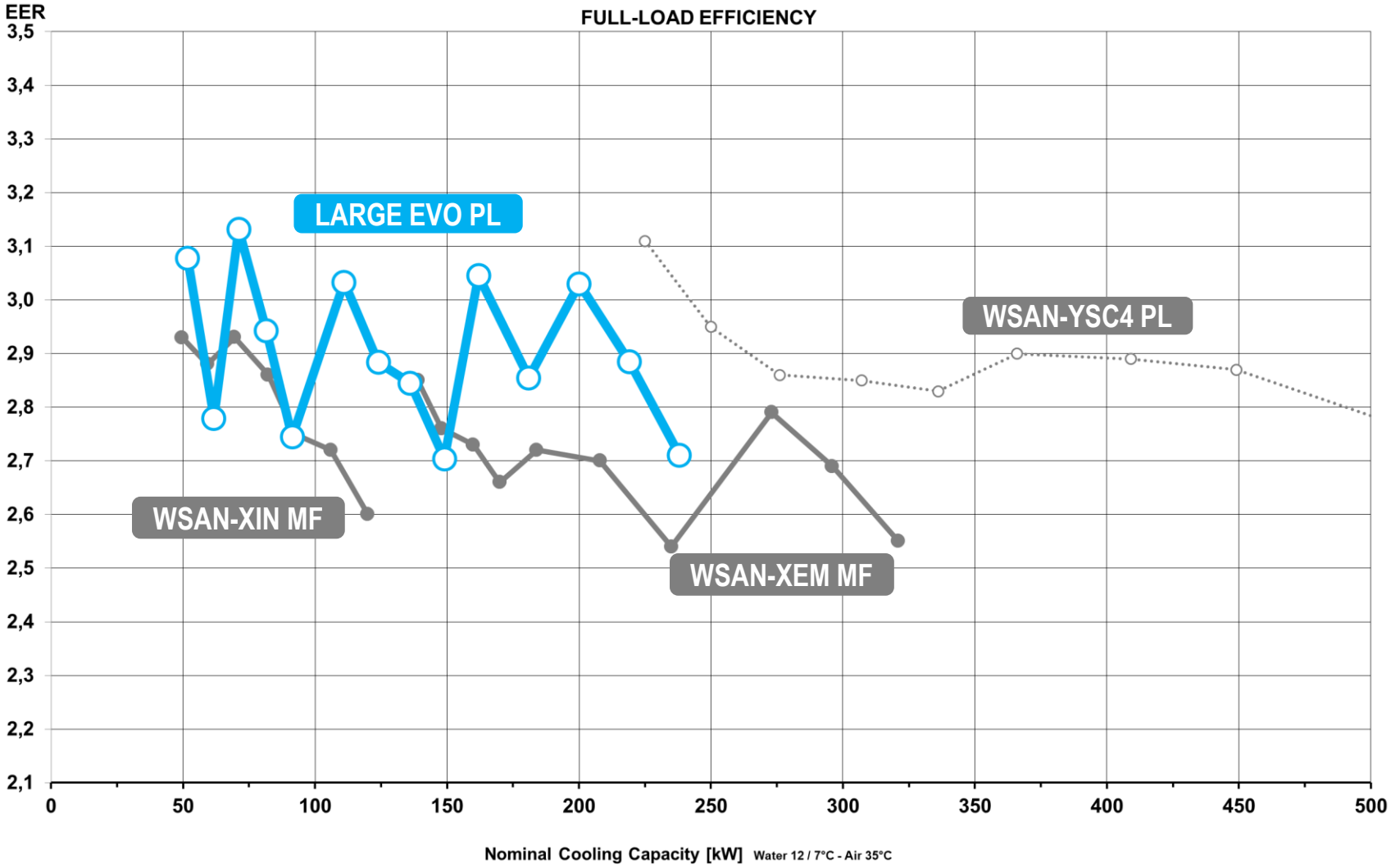
LARGE EVO Polyvalent – COP

WiSAN-YEE1 PL: **COP lower** than **XIN MF & XEM MF**



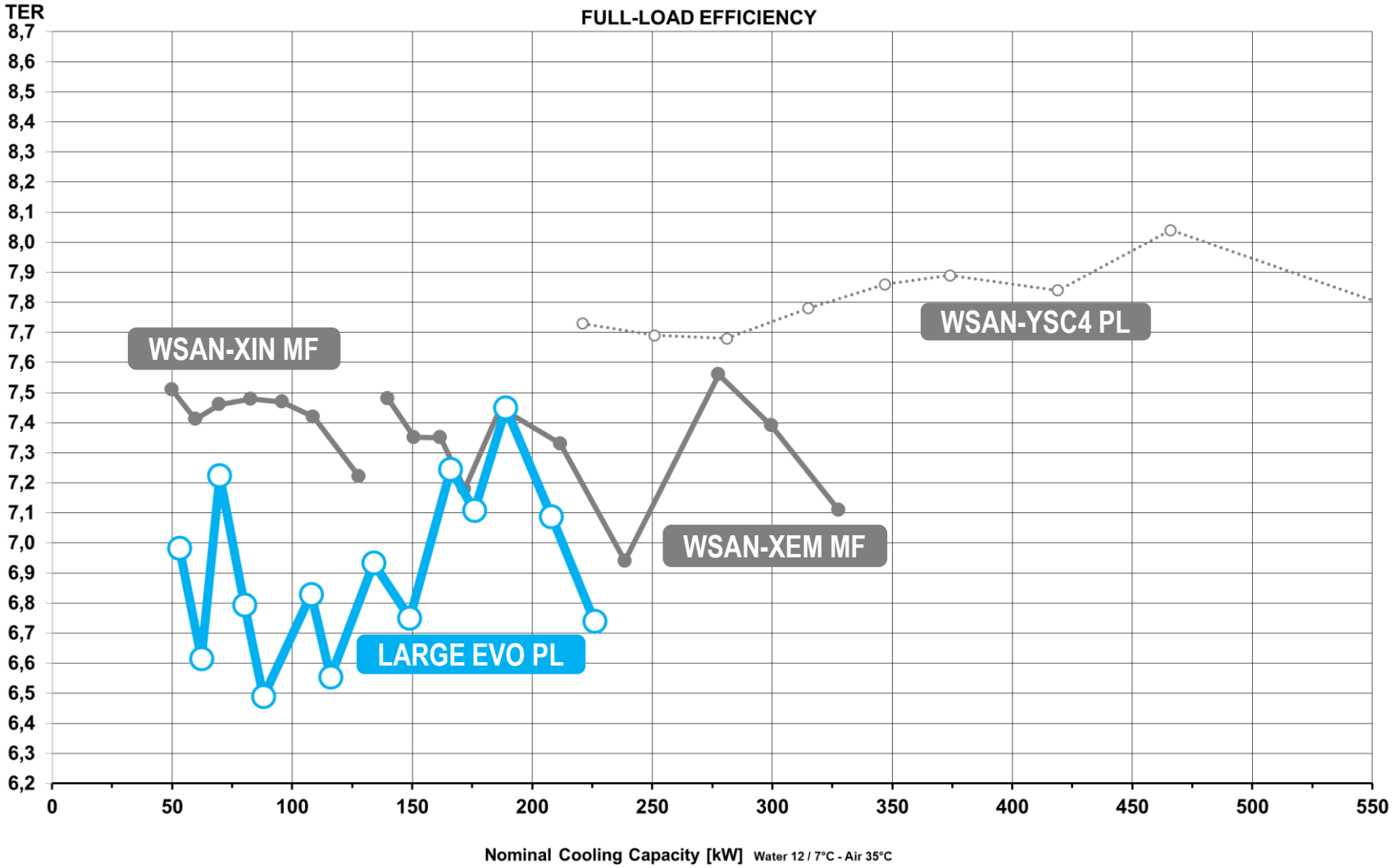
LARGE EVO Polyvalent – EER

WiSAN-YEE1 PL: **EER aligned** with **XIN MF** / **higher** than **XEM MF**



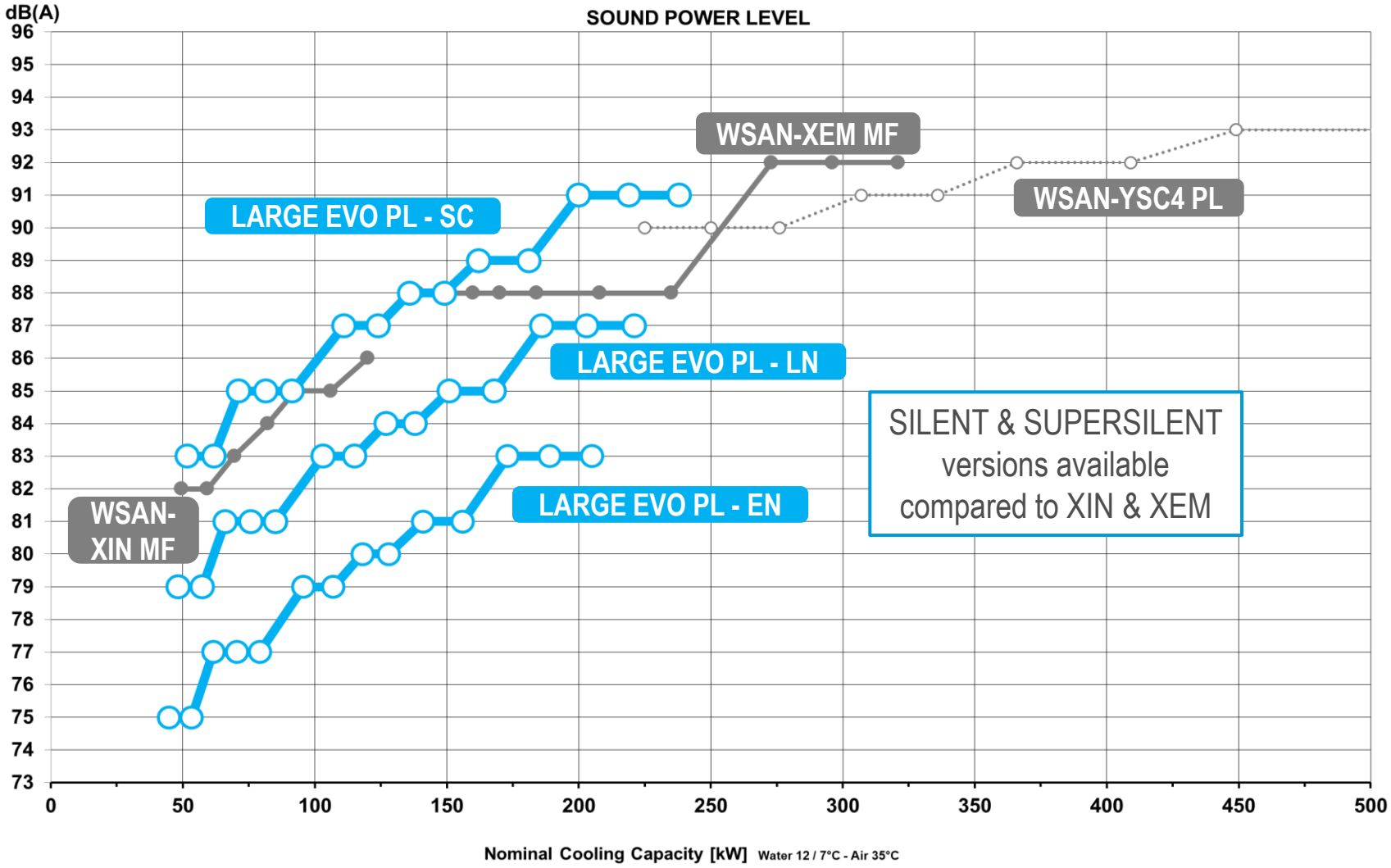
LARGE EVO Polyvalent – TER

WiSAN-YEE1 PL: **TER lower than XIN MF**, in **line with XEM MF**



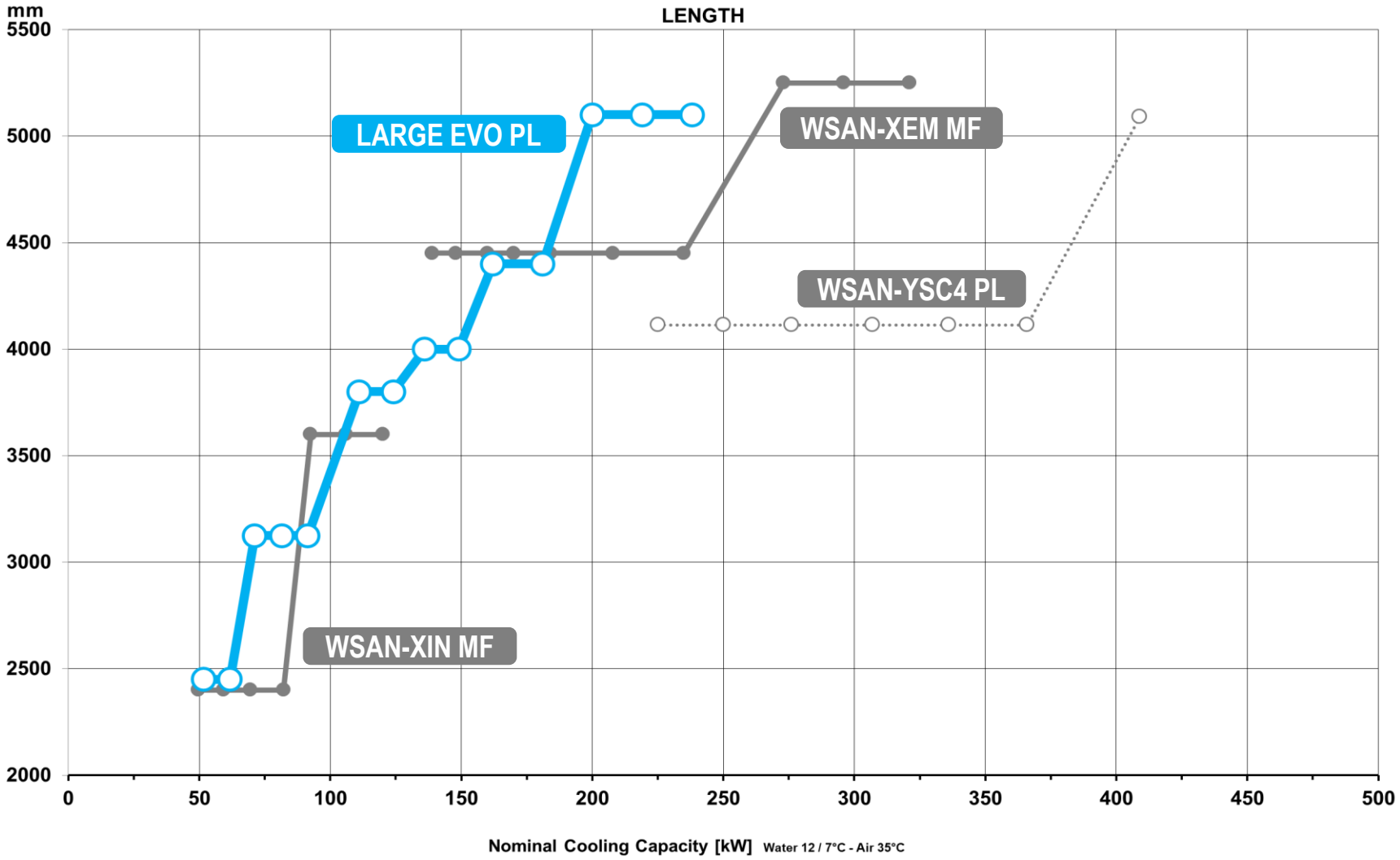
LARGE EVO Polyvalent – Sound power level (SC/LN/EN acoustic version)

WiSAN-YEE1 PL: comparable with XIN MF higher than XEM MF in SC version



LARGE EVO Polyvalent – Length

WiSAN-YEE1 PL: comparable with **XIN MF & XEM MF**

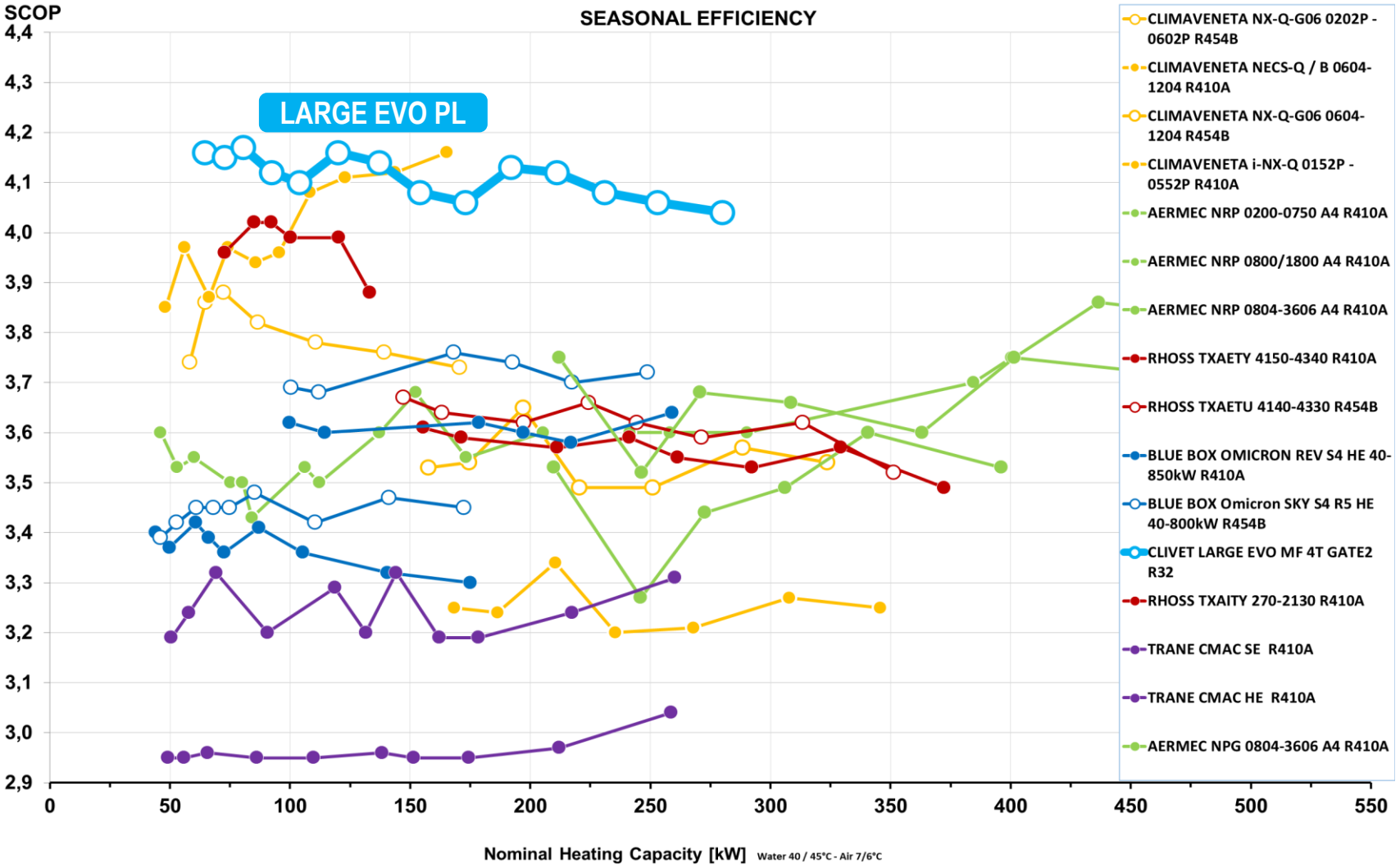


LARGE EVO Polyvalent – Benchmark with Competition

LARGE EVO PL	Scroll inverter	50 – 235 kW	R32	**4T**
Competitors:				
Aermec NRP 0200-0750	Scroll	43 – 185 kW	R410A	2T / 4T
Aermec NRP 0804-3606	Scroll	207 – 544 kW	R410A	2T / 4T
Aermec NPG 0804-3606	Scroll	207 – 658 kW	R32	2T / 4T
Climaveneta NX-Q-G06 0202-0602	Scroll	56 – 162 kW	R454B	4T
Climaveneta NX-Q-G06 0604-1204	Scroll	144 – 298 kW	R454B	4T
Climaveneta NECS-Q/B 0604-1204	Scroll	149 – 310 kW	R410A	4T
Climaveneta i-NX-Q 0152-0552	Scroll inverter	45 – 152 kW	R410A	4T
Rhoss TXAITY 4140-4330	Scroll inverter	67 – 126 kW	R410A	2T / 4T
Rhoss TXAETY 4150-4340	Scroll	146 – 340 kW	R410A	2T / 4T
Rhoss TXAETU 4140-4330	Scroll	142 – 334 kW	R454B	2T / 4T
BlueBox Omicron SKY R5 3.2-25.4	Scroll	43 – 245 kW	R454B	4T
BlueBox Omicron REV 3.2-25.4	Scroll	41 – 249 kW	R410A	4T
TRANE CMAC 50-260	Scroll	48 – 239 kW	R410A	4T
TRANE CMAF 40-75	Scroll	140 – 248 kW	R454B	4T
GALLETTI LCP-PS	Scroll	52 – 313 kW	R410A	2T / 4T

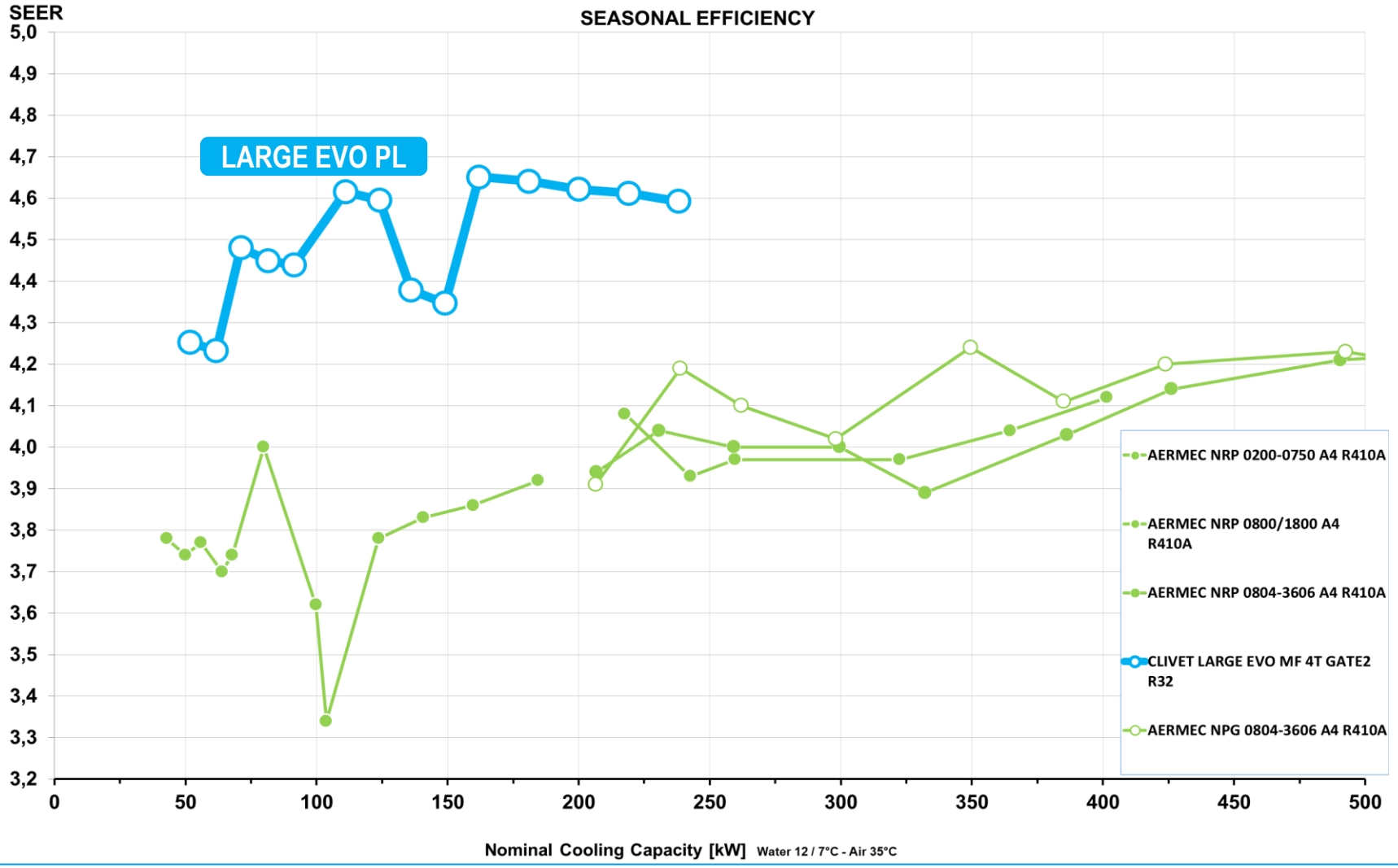
LARGE EVO Polyvalent – SCOP (W35)

WiSAN-YEE1 PL: **SCOP** among the highest in the market



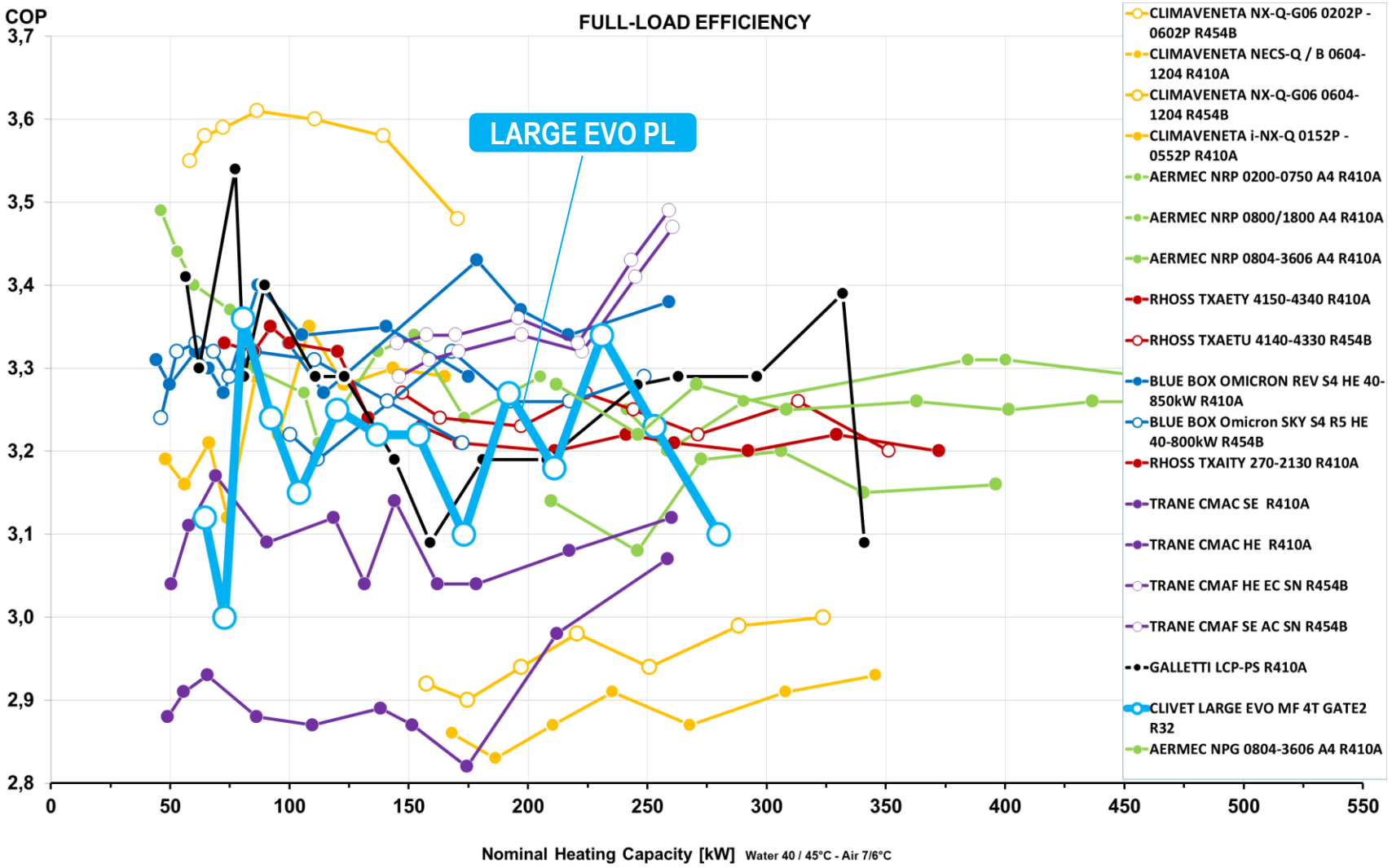
LARGE EVO Polyvalent – SEER

WiSAN-YEE1 PL: **SEER** much higher than competitors



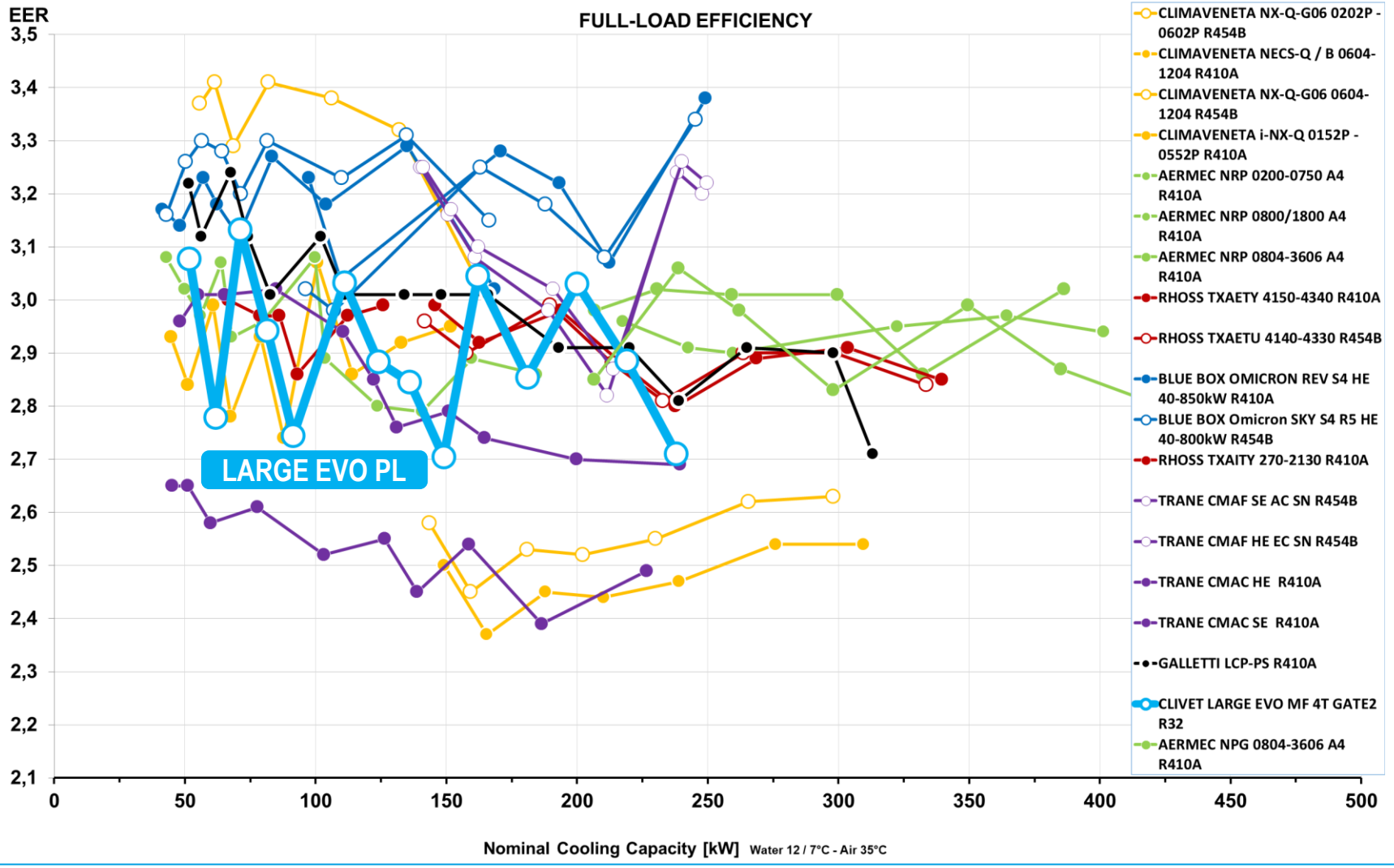
LARGE EVO Polyvalent – COP

WiSAN-YEE1 PL: **COP** in average with the competitor scenario



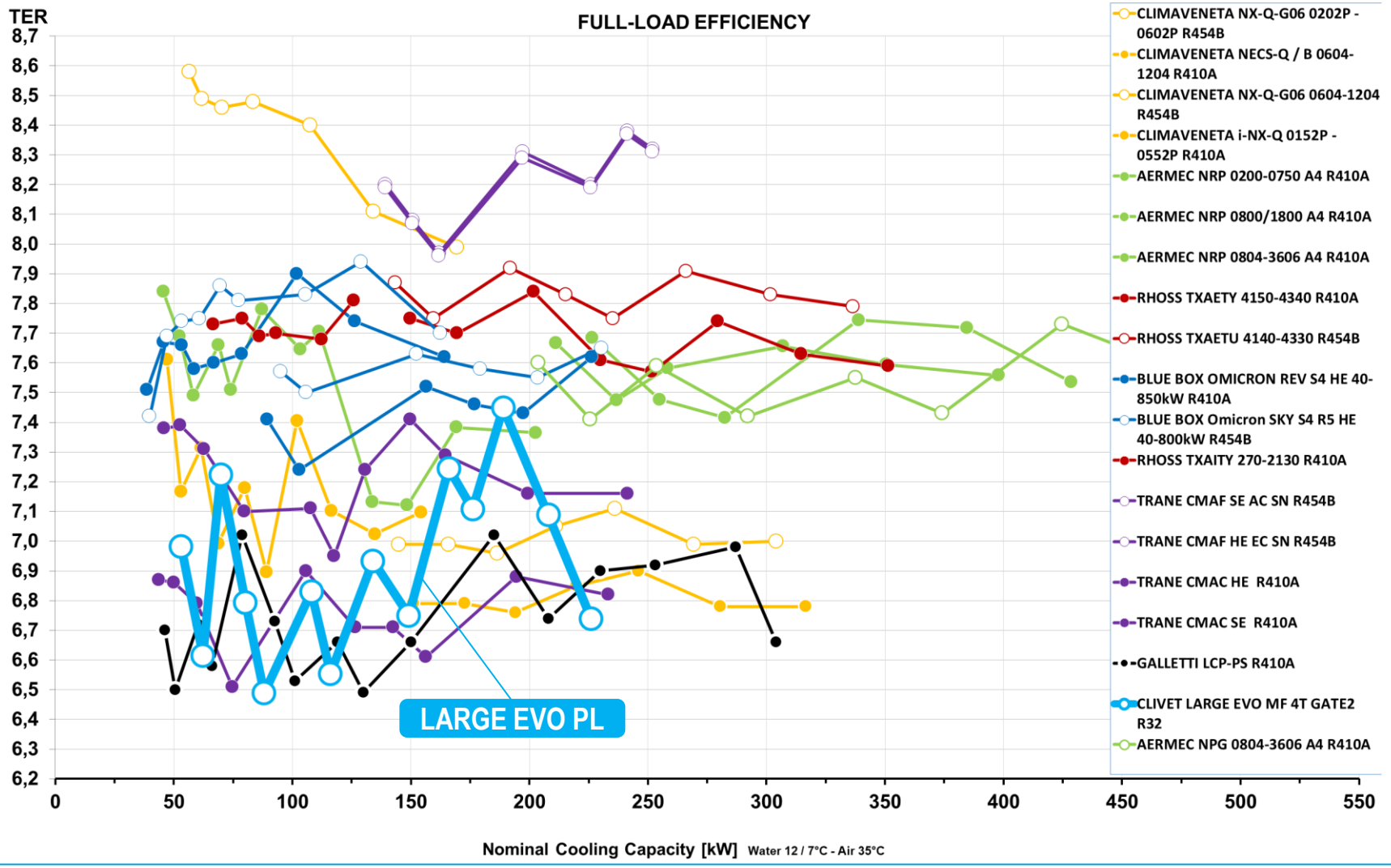
LARGE EVO Polyvalent – EER

WiSAN-YEE1 PL: **EER** in average with the competitor scenario



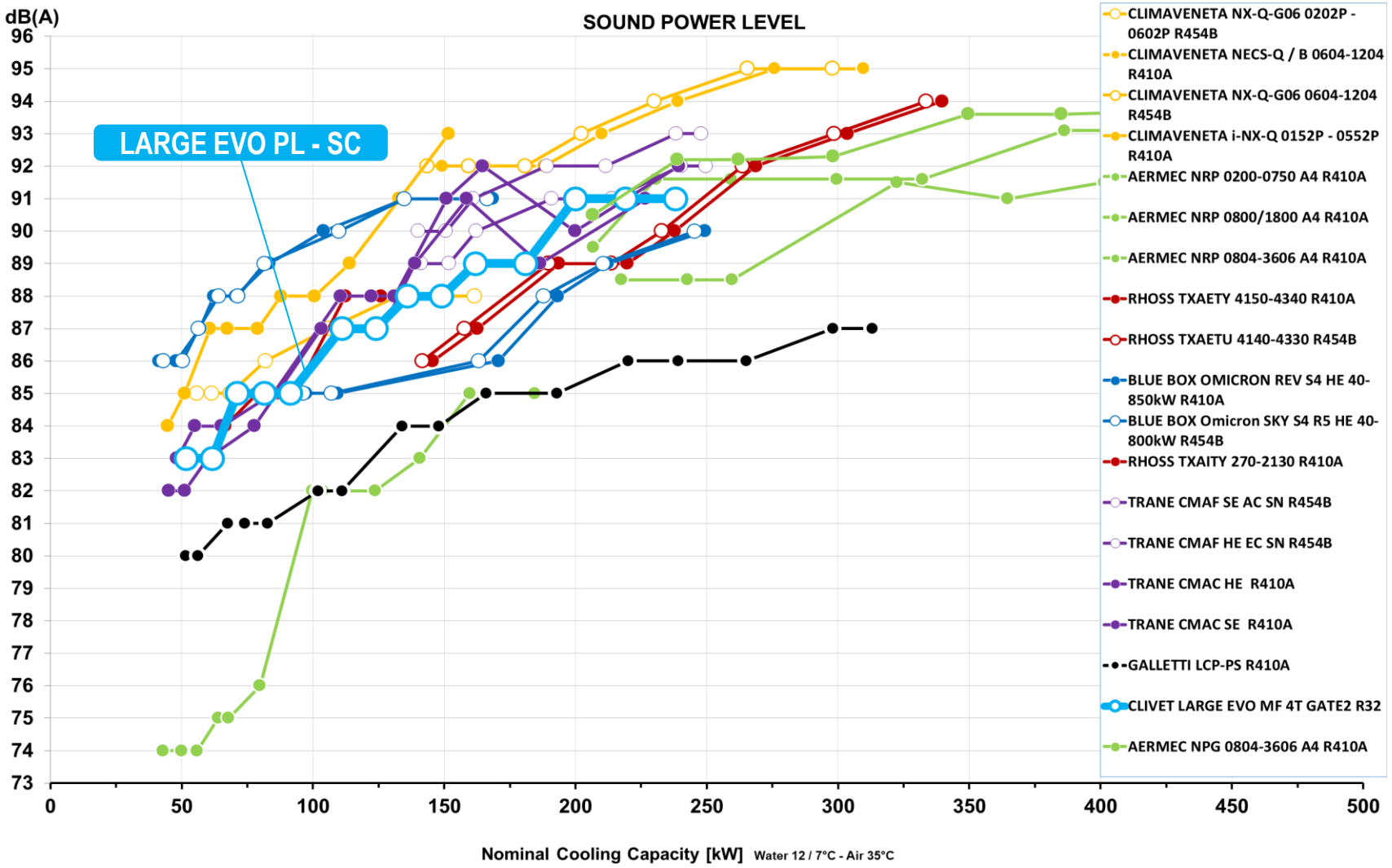
LARGE EVO Polyvalent – TER

WiSAN-YEE1 PL: **TER** lower than the average of the market



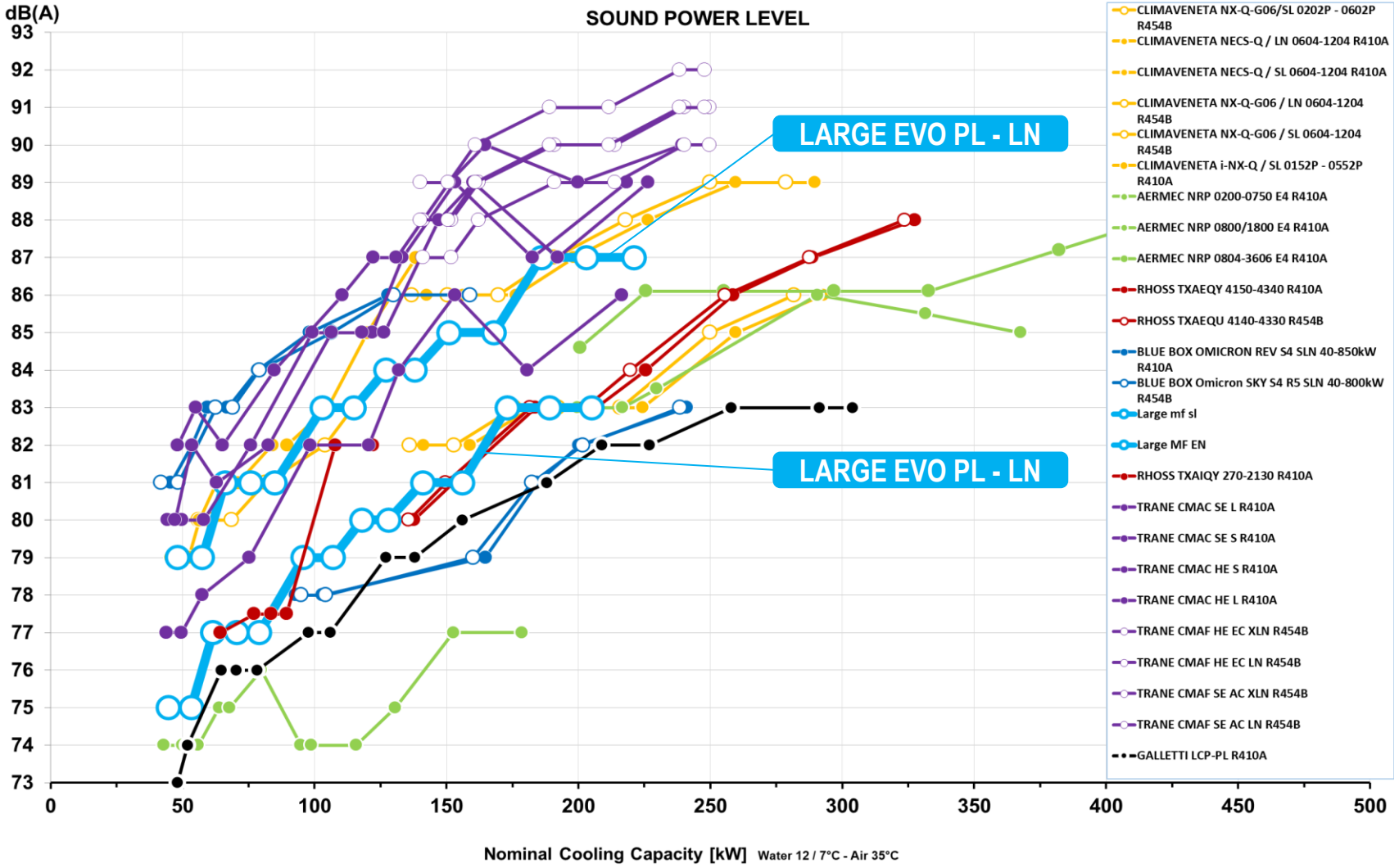
LARGE EVO Polyvalent – Sound power level (SC)

WiSAN-YEE1 PL: sound level **(SC)** in average with the competitor scenario



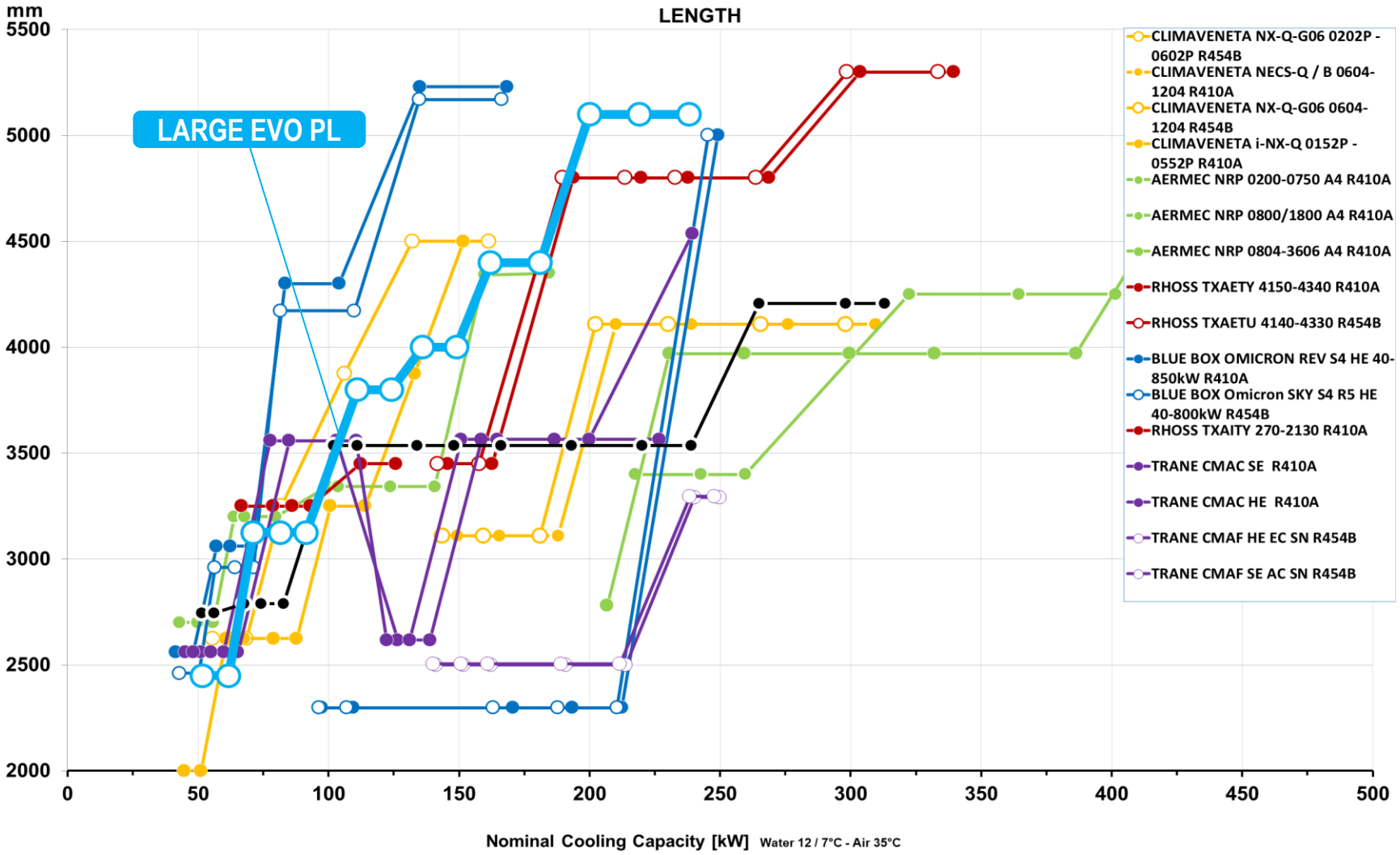
LARGE EVO Polyvalent – Sound power level (LN/EN)

WiSAN-YEE1 PL: sound level **(LN/EN)** in average with the competitor scenario



LARGE EVO Polyvalent – Length

WiSAN-YEE1 PL: in the average with the competitor scenario



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