

# THE THERMONATOR



## Indirect A/C Condensers for Alternative Drive Trains

Indirect A/C condensers for alternative drive trains are part of the extensive and innovative thermal management range from MAHLE Lifecycle and Mobility.

### Operating principle of indirect air conditioning condensers

Indirect air conditioning condensers use coolant to cool the refrigerant coming from the air conditioning compressor, transforming it from a gaseous to a liquid state. The coolant itself is cooled by a relatively compact, air-cooled low-temperature radiator installed in the vehicle front.

### Description and benefits of the product

Directly cooled models must be installed at the front of the vehicle to use the airstream for cooling. By contrast, indirect air conditioning condensers can be positioned anywhere in the vehicle. They are smaller, more powerful, and more efficient than directly cooled ones and are therefore increasingly being used in hybrid and electric vehicles, but also in modern combustion engines.

As the indirect air conditioning condenser does not have to be installed in the front of the vehicle, it is better protected against mechanical damage (stone chips, accidents). Another advantage: as the main coolant radiator and the low-temperature radiator receive more cooling air, the efficiency of the entire system is also increased.

MAHLE reference no.	PREMIUM LINE OE part	Produced by	Vehicle	Year of manufacture	OE number*
AC 1119 000S			BMW 330e (F30, F80)	11/2015–10/2018	64509338330; 64509471521
AC 1125 000P	✓	MAHLE	MINI Cooper SE Electric (F56)	11/2019–	64507949711; 7949711
AC 1130 000P	✓	MAHLE	BMW iX3 Electric (G08)	09/2020–	64507950339; 64509367096; 7950339; 9367096
AC 1194 000S			BMW 330e (G20, G80, G28)	07/2019–	64505A5CC69; 64536805342
AC 1199 000P	✓	MAHLE	JAGUAR I-PACE EV400 AWD (X590)	02/2018–	02T4K1264; T4K1264
AC 1215 000P	✓	MAHLE	AUDI Q8 e-tron 55 quattro (GEG)	11/2022–	4M0816413; 4M0816413A
AC 1232 000P	✓		HYUNDAI IONIQ 5 (NE)	05/2021–	97606GI540
AC 1242 000P	✓		KIA EV6 (CV)	07/2021–	97606CV520
AC 1247 000S			PEUGEOT e-208 (UB_, UP_, UW_, UJ_)	06/2019–	9830070780; 9852854580
AC 960 000P	✓	MAHLE	BMW 530e (G38)	08/2018–	2670100; 64502670100; 64506842238; 64506842989; 64509109858; 64509891030; 64539309007; 6842238; 6842989; 9109858; 9309007; 9891030

\* OE numbers are provided for comparative purposes only.

You can find all information about our indirect A/C condensers in the [MAHLE Aftermarket Catalog](#).

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