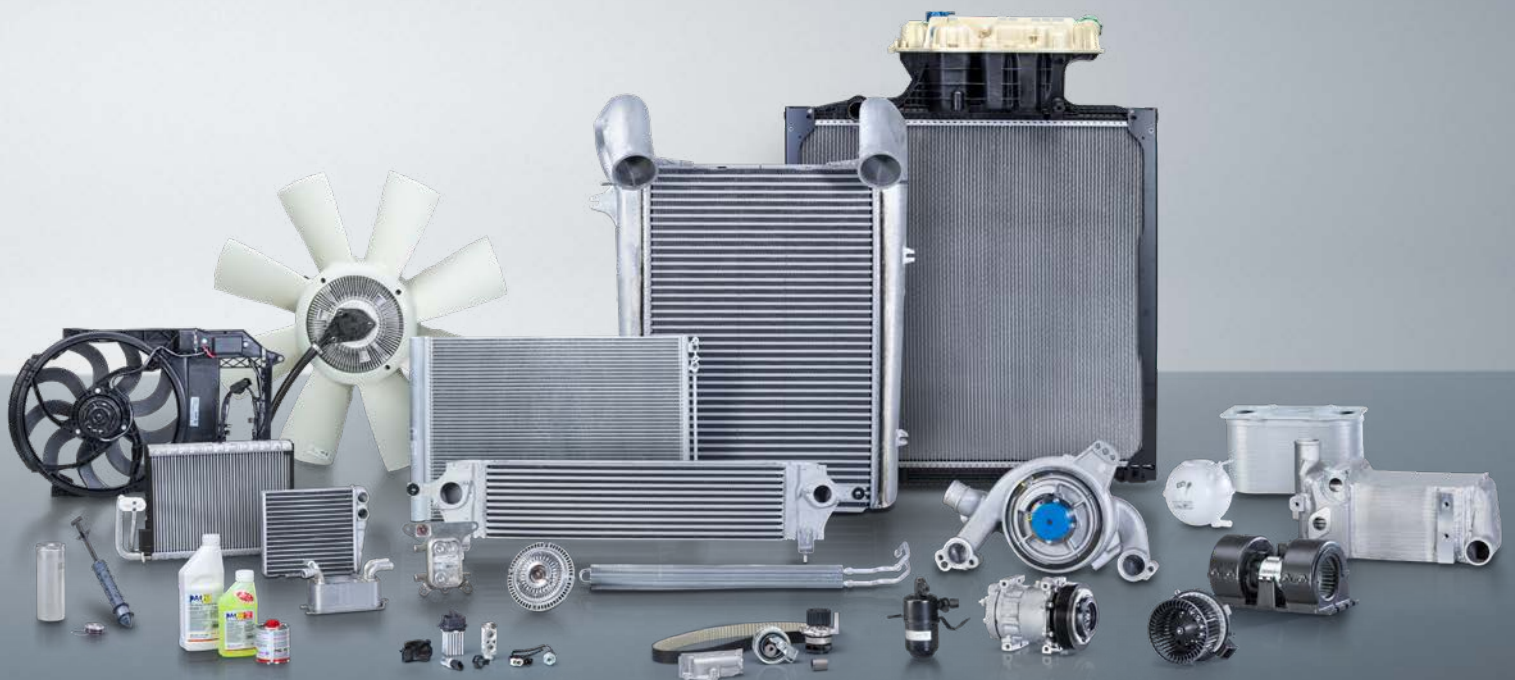




S E R V I C E

**THERMAL  
MANAGEMENT**



**New to Range**  
SECOND QUARTER 2018

# BEHR HELLA SERVICE

## THE THERMAL MANAGEMENT EXPERT FOR PASSENGER CARS AND TRUCKS

With over 7,700 quality articles in over 20 product groups, Behr Hella Service offers unequalled market coverage. Our customers profit from the know-how of Behr and HELLA, and the high degree of service competence in supplying parts and providing technical information, training for both the independent aftermarket and independent garages, and also benefit from the sales promotion offered. For you, this means an ideal combination of products and competence: HELLA's global sales organization plus BEHR's OE product know-how, as well as the linking of activities in the field of vehicle air conditioning and engine cooling.

In the second quarter 2018 Behr Hella Service has launched 99 new products.

### HIGHLIGHTS

- **52 PREMIUM LINE Articles** – among others 8 products produced by BEHR and 13 articles produced by VISTEON
- **2 air conditioning compressors** for the BMW X 1/2 range
- **3 evaporators** for the MB S Class (version with new refrigerant R744 respectively CO<sub>2</sub>)
- **One electrical water pump** for BMW 3 (E91) / 5 (E60)



# NEW PRODUCTS

Part number	Description	Car application	OE-number*	Type of vehicle	Version	PREMIUM LINE
5HL 351 321-211	Blower regulator	BMW 5 (E60)	67326922058+	Passenger Car		■
5HL 351 321-771	Blower regulator	VOLVO V40 / S40	31436958	Passenger Car		■
8FC 351 000-314	Condenser	AUDI A4 B8	8KD260401H+	Passenger Car		
8FC 351 003-561	Condenser	FORD FIESTA TRANSIT B-MAX	2058479+	Passenger Car	produced by VISTEON	■
8FC 351 003-611	Condenser	FORD TRANSIT / TOURNEO	1778169	Transporter	produced by VISTEON	■
8FC 351 003-631	Condenser	JEEP RENEGADE	51938531	Passenger Car		■
8FC 351 003-641	Condenser	JEEP RENEGADE	51959836	Passenger Car		■
8FC 351 003-651	Condenser	FIAT 500X	51966751	Passenger Car		■
8FC 351 003-661	Condenser	HONDA JAZZ	80100T5A003	Passenger Car		■
8FC 351 003-694	Condenser	LAND ROVER	LR035791	Passenger Car		
8FC 351 004-541	Condenser	BMW 5 (G30/G31) / 6 / 7	64539364258	Passenger Car	produced by BEHR	■
8FC 351 004-551	Condenser	CITROEN C5 / PEUGEOT 407	6455JB	Passenger Car	produced by BEHR	■
8FC 351 004-561	Condenser	CITROEN C5 / PEUGEOT 407	6455JC	Passenger Car	produced by BEHR	■
8FC 351 302-604	Condenser	MERCEDES W205	A0995000454+	Passenger Car		
8FC 351 303-284	Condenser	MB W246/W176/C117	2465000054	Passenger Car		
8FC 351 309-144	Condenser	BMW 5 / 7 (F0_)	64509149395	Passenger Car		
8FH 351 315-594	Heater core	FORD FIESTA VI All 08-	1743436	Passenger Car		
8FH 351 315-604	Heater core	FORD FIESTA VI	1573059	Passenger Car		
8FH 351 315-634	Heater core	FORD FOCUS C-MAX 04-	1317080	Passenger Car		
8FH 351 331-424	Heater core	CITROEN C1 05-	6448P2	Passenger Car		
8FH 351 331-434	Heater core	IVECO STRALIS (02-)	42561377	Truck + Bus		
8FH 351 331-764	Heater core	PEUGEOT BOXER / FIAT DUCA	6448R0	Transporter		
8FH 351 331-774	Heater core	FORD TRANSIT 08-	4041957	Transporter		
8FH 351 511-604	Heater core	NISSAN CUBE / JUKE / LEAF	271401FC0A	Passenger Car		
8FH 351 511-614	Heater core	MINI R50-R53 01-	64111497527	Passenger Car		
8FH 351 511-674	Heater core	VW GOLF / AUDI A3 12-	5Q0819031	Passenger Car		
8FH 351 511-684	Heater core	FORD MONDEO 07-	1751574	Passenger Car		
8FH 351 511-694	Heater core	OPEL ASTRA J 09-	13287939	Passenger Car		
8FH 351 511-704	Heater core	RENAULT MEGANE 08-	271159831R	Passenger Car		
8FH 351 511-714	Heater core	OPEL INSIGNIA 08-	13406298+	Passenger Car		
8FH 351 511-724	Heater core	AUDI A6 04-	4F0820031C	Passenger Car		
8FH 351 511-734	Heater core	RENAULT LAGUNA 07-	271150001R	Passenger Car		
8FH 351 511-744	Heater core	MERCEDES ML W164 05-	1648300061+	Passenger Car		
8FH 351 511-754	Heater core	CITROEN C4 10-	6448S4	Passenger Car		
8FK 351 004-161	Compressor	CITROEN / PEUGEOT DIVERSE	1613509980+	Passenger Car		■
8FK 351 004-171	Compressor	CITROEN / PEUGEOT DIVERSE	9807722880+	Passenger Car		■
8FK 351 007-101	Compressor	MB A-CLASS PETROL	0022306811+	Passenger Car		■
8FK 351 007-111	Compressor	AUDI A6 2.7/ 3.0 TDI	4F0260805AJ	Passenger Car		■
8FK 351 007-121	Compressor	BMW X5 / X6	64509154071+	Passenger Car		■
8FK 351 007-141	Compressor	MB M- / GLE- CLASS	A0032307911+	Passenger Car		■
8FK 351 007-151	Compressor	MB M- / GLE- CLASS	0032308011+	Passenger Car		■

Please also refer to OE numbers\*, information from Behr Hella Service catalogues, TecDoc and information from the manufacturer for further details.

This list is not exhaustive and may contain errors.

\* OE numbers are for comparison purposes only + more than one OE number

# NEW PRODUCTS

Part number	Description	Car application	OE-number*	Type of vehicle	Version	PREMIUM LINE
8FK 351 007-161	Compressor	MB B-CLASS PETROL	0022306311+	Passenger Car		■
8FK 351 007-171	Compressor	MB B-CLASS PETROL	0042300311+	Passenger Car		■
8FK 351 007-181	Compressor	MB A- / B-CLASS CDI	0038304160+	Passenger Car		■
8FK 351 007-191	Compressor	CLAAS	A4572300711+	OHW		■
8FK 351 007-201	Compressor	ABARTH / FIAT / FORD/ LANCI	52060461+	Passenger Car		■
8FK 351 007-221	Compressor	BMW 5 SERIES / X5	6452682688101+	Passenger Car	produced by VISTEON	■
8FK 351 007-231	Compressor	BMW 2 SERIES / X1	684261802+	Passenger Car	produced by VISTEON	■
8FK 351 007-241	Compressor	BMW 2 SERIES / X1	6452684261902+	Passenger Car	produced by VISTEON	■
8FK 351 007-251	Compressor	BMW 5-SERIES G30/31	682688201+	Passenger Car	produced by VISTEON	■
8FK 351 007-261	Compressor	FIAT PUNTO 1.8 / 1.9 JTD	46819144+	Passenger Car		■
8FK 351 007-281	Compressor	RENAULT CLIO IV 1.2 16V	926000050R+	Passenger Car		■
8FK 351 007-291	Compressor	RENAULT CLIO IV 0.9 TCE	926000734R+	Passenger Car		■
8FK 351 007-301	Compressor	RENAULT CLIO IV 1.5 DCI	926002352R+	Passenger Car		■
8FK 351 007-311	Compressor	RENAULT CLIO IV 1.6	926002019R+	Passenger Car		■
8FK 351 007-321	Compressor	DACIA LOGAN / SANDERO 1.2	926006775R+	Passenger Car		■
8FK 351 007-331	Compressor	RENAULT MASTER III / LATI	8200848916+	Transporter		■
8FK 351 007-711	Compressor	CITROEN C3/C4 / PEUGEOT	9678038980+	Passenger Car		
8FT 351 003-714	Receiver-Drier	FIAT SEDICI/SUZUKI/LEXUS	9533958J00	Passenger Car		
8FT 351 003-724	Receiver-Drier	OPEL VIVARO / REN. TRAFIC	93856084+	Passenger Car		
8FT 351 004-194	Receiver-Drier	MB M-CLASS (W166)	0998350047+	Passenger Car		
8FT 351 004-474	Receiver-Drier	MB SPRINTER (W906)	9068350100+	Transporter		
8FT 351 004-494	Receiver-Drier	BMW 1 (F20,21) / 3 (F30)		Passenger Car		
8FT 351 004-504	Receiver-Drier	BMW 5 (G31) / 7 (G11)		Passenger Car		
8FT 351 197-434	Receiver-Drier	MB ACTROS / MAN	0008301783+	Truck + Bus		
8FT 351 198-474	Receiver-Drier	BMW 5 (E60,61) / 7 (E65)	6907403+	Passenger Car		
8FT 351 198-564	Receiver-Drier	OPEL ASTRA G	93170609	Passenger Car		
8FT 351 198-614	Receiver-Drier	OPEL CORSA C / COMBO	13106001+	Passenger Car		
8FV 351 003-521	Evaporator	MB SL (R230)	2308300458+	Passenger Car	produced by BEHR	■
8FV 351 003-571	Evaporator	MB S-CLASS (W222)	2228300003+	Passenger Car	produced by BEHR	■
8FV 351 003-591	Evaporator	MB S-CLASS (W222)	A2228300103+	Passenger Car	produced by BEHR	■
8FV 351 003-601	Evaporator	MB S-CLASS (W222)	2228301303+	Passenger Car	produced by BEHR	■
8MA 376 705-084	Surge tank	MB ACTROS 96-03/CITARO 98	A0005003049+	Truck + Bus		
8MA 376 705-094	Surge tank	MB ACTROS 96-03/SK 87-96	0005003149+	Truck + Bus		
8MA 376 705-204	Surge tank	MB SK 88-94 / MK 87-96	A0005002249+	Truck + Bus		
8MA 376 705-254	Surge tank	MAN M2000 95-05	81061026220	Truck + Bus		
8MA 376 705-314	Surge tank	MB LK/LN2 84-98	A6735000749+	Truck + Bus		
8MA 376 705-344	Surge tank	MAN F90 86-97	81061026219	Truck + Bus		
8MA 376 705-384	Surge tank	MAN E2000 99-	81061026226	Truck + Bus		
8MA 376 705-514	Surge tank	IVECO STRALIS AD/AS/AT	41215631	Truck + Bus		
8MA 376 731-634	Surge tank	DAF XF95 02-06	1684655	Truck + Bus		
8MK 376 721-625	Radiator	SCANIA R104 / DIV.	10570491+	Truck + Bus		■

Please also refer to OE numbers\*, information from Behr Hella Service catalogues, TecDoc and information from the manufacturer for further details.

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## NEW PRODUCTS

Part number	Description	Car application	OE-number*	Type of vehicle	Version	PREMIUM LINE
8MK 376 733-411	Radiator	FIAT DUCATO X250	1382427080	Transporter	produced by BEHR	■
8MK 376 792-471	Radiator	JAGUAR F-TYPE / XK	C2C39557+	Passenger Car	produced by VISTEON	■
8MK 376 795-121	Radiator	VW GOLF PASSAT ARTEON	5Q0121253J	Passenger Car	produced by VISTEON	■
8ML 376 792-341	Intercooler	JAGUAR X159/259/351	C2D45348+	Passenger Car	produced by VISTEON	■
8ML 376 794-021	Intercooler	JAGUAR F-TYPE XF 5.0	C2Z28244+	Passenger Car	produced by VISTEON	■
8ML 376 794-031	Intercooler	JAGUAR F-TYPE XF 3.0	C2Z28244+	Passenger Car	produced by VISTEON	■
8ML 376 795-101	Intercooler	JAGUAR F / XF / XE 2.0 D	TLX1026+	Passenger Car	produced by VISTEON	■
8ML 376 795-111	Intercooler	PORSCHE BOXTER / CAYMAN	982145621A	Passenger Car	produced by VISTEON	■
8MP 376 807-561	Water pump	BMW 3 (E91) / 5 (E60)	7546994+	Passenger Car		■
8MP 376 830-054	Water pump	MERCEDES C- / E-CLASS	6512006401+	Passenger Car		■
8MP 376 830-064	Water pump	MERCEDES VITO	6512003301+	Passenger Car		■
8MP 376 830-074	Water pump	MERCEDES SPRINTER 2.1 CDI	6512002301+	Passenger Car		
8MP 376 830-084	Water pump	MERCEDES VITO	A6512003501+	Passenger Car		■
8UW 351 003-621	Expansion valve	RENAULT TWINGO	922702033R+	Passenger Car		■
8UW 351 004-514	Expansion valve	CIT C1 / PEU 107 / TOYO	6461K3+	Passenger Car		
8UW 351 004-524	Expansion valve	NISSAN MICRA / MURANO	92200AX100+	Passenger Car		
8UW 351 004-534	Expansion valve	MB C-CLASS (W205)	A2058308400+	Passenger Car		



**Get the complete list of all new Behr Hella Service part numbers in Excel. The data spreadsheet includes all details such as weight, packaging unit and EAN-Code.**

Please also refer to OE numbers\*, information from Behr Hella Service catalogues, TecDoc and information from the manufacturer for further details.

This list is not exhaustive and may contain errors.

\* OE numbers are for comparison purposes only + more than one OE number

## Behr Hella Service introduces QR codes on packaging

### All product information available on your smartphone

Thermal management expert Behr Hella Service will from now on print a QR code on all product packaging labels. This will enable wholesalers and workshops to get all product information on their smartphones. The information comprises current images, vehicle applications and OE numbers from the online catalog. But also 360 degree images, material safety data sheets and installation notes are easily available via scan now. All this information is furthermore available in 18 languages. Scanning the code is possible with a so-called QR scanner available at no cost at Google Play or in the app store. It can be installed as app directly on the phone.

For having at your disposition important information directly on site, Behr Hella Service QR has integrated QR codes not only on packaging labels but also in the recently published print catalog „Thermal Management Trucks & Transporters“. Additional catalogs with QR codes will probably soon follow. This will allow finding updated product information even quicker soon.



## Components for the new refrigerant R744/CO<sub>2</sub>



Naturally occurring carbon dioxide (R744) is used as an additional alternative refrigerant: This is considered to be particularly environmentally friendly, and exhibits a very low GWP value of 1. However, the thermodynamic properties of R744 fundamentally differ from the chemical alternatives R134a

and R1234yf used up until now. Particularly the high pressure levels in the air-conditioning system result in altered requirements and necessary modifications to the refrigerant circuit for R744 systems and the associated components.

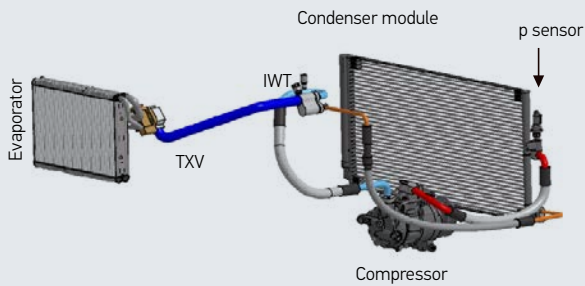
One particular challenge in this case is ensuring that the refrigerant circuit is leak-tight. The small size of the molecules and the high CO<sub>2</sub>-permeability of conventional polymer hoses necessitate the use of metallic sealing rings and flexible, coated polymer hoses. Furthermore, corrugated stainless steel hoses are required downstream of the compressor on the hot gas line. Behr Hella Service is one of the first suppliers to exclusively stock selected components for R744 refrigerant circuits for the independent parts market. In doing so, Behr Hella Service combines the OE know-how of BEHR, the developer of the world's first R744 air-conditioning system, with the sales expertise of HELLA. The components are perfectly tailored to the respective system conditions and satisfy the most stringent requirements in terms of functionality and operational safety.





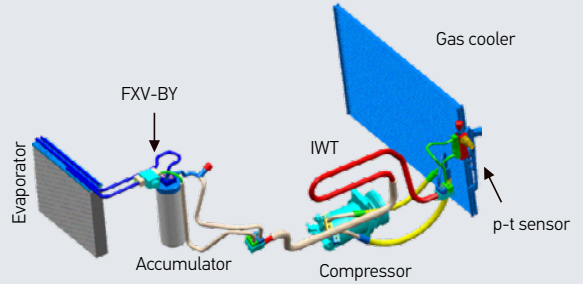
## SYSTEM COMPARISON

### R134A / R1234YF

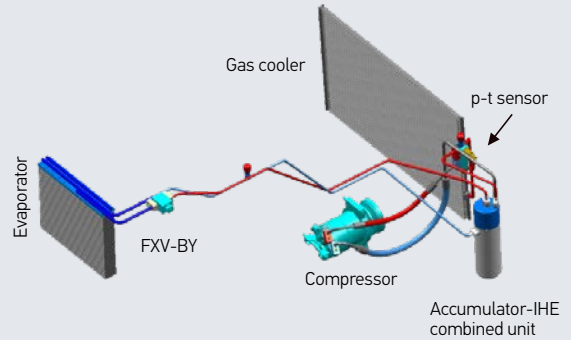


TXV: Thermal expansion valve  
 FXV-BY: Fixed restrictor with bypass valve  
 IHE: Internal heat exchanger  
 p sensor: Pressure sensor  
 p-t sensor: Pressure-temperature sensor

### R744 WITH ACCUMULATOR/IHE



### R744 WITH COMBINED UNIT



## PRODUCT OVERVIEW

Part number	Description	Car application	Version	PREMIUM LINE*	OE-numbers**
8FV 351 003-571	Front evaporator, without expansion valve, left-hand-drive vehicles	MB S-CLASS (W222)	produced by BEHR	■	A2228300003
8FV 351 003-591	Front evaporator, without expansion valve, right-hand-drive vehicles	MB S-CLASS (W222)	produced by BEHR	■	A2228300103
8FV 351 003-601	Rear evaporator, without expansion valve	MB S-CLASS (W222)	produced by BEHR	■	A2228301303

For further differentiation, please see information from Behr Hella Service catalogues, TecDoc and also the manufacturer's specifications. This list is not exhaustive and may contain errors.

\* More information can be found online at [www.behrhellaservice.com/premiumline](http://www.behrhellaservice.com/premiumline).

\*\* OE numbers are for comparative purposes only.

## PREMIUM LINE

Both the electrical water pumps and the exhaust gas recirculation radiators are part of the Behr Hella Service PREMIUM LINE range that comprises over 4.500 articles – the ideal solution for customers who expect the optimum.

Watch our PREMIUM LINE video and get all the information about the advantages and easy product identification!




### Your advantages

- ✓ **Unique quality distinction.**  
Increased transparency through informative product marking.
- ✓ **Increase customer satisfaction.**  
With the unique product marking, you can be sure what is being delivered.
- ✓ **You can profit with minimal effort.**  
Article numbers, product quality, price level and service remain unchanged.
- ✓ **You have the choice!**  
In many cases, you will continue to have the choice between premium or standard products.

**BEHR HELLA SERVICE PREMIUM LINE –  
The ideal solution for customers who expect the optimum.**





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