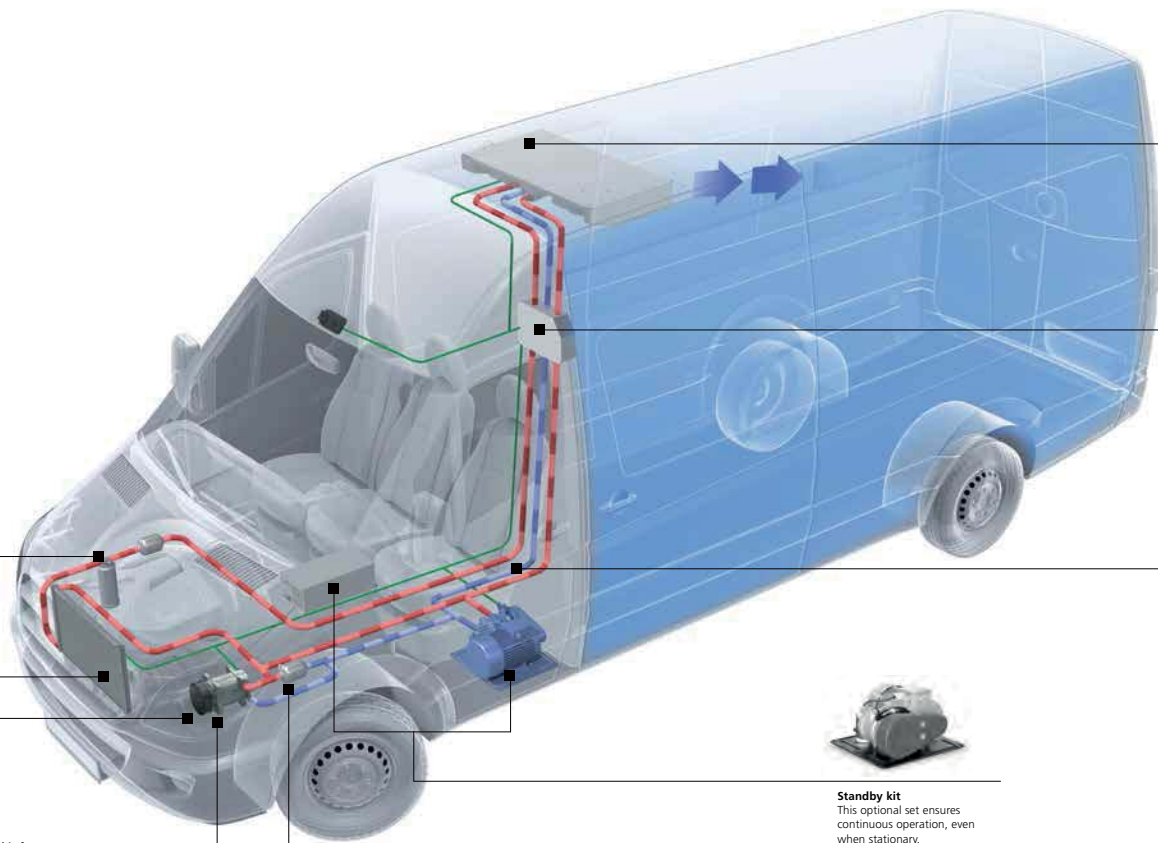


Application of an integrated transport refrigeration system

The functionality of a transport refrigeration system can be found on page 132.



Collector/dryer
Removal of moisture from the refrigerant ensures reliable operation of the air-conditioning system.



Compressor
Choose the right condenser for your requirements. Installation at the front and on the underbody are possible.

Compressor
Choose the right compressor for the power specification and installation position from our wide range.



Installation kit for compressor
Vehicle-specific installation kits ensure easy fitting and reliable operation of the compressor.

Oil separator
The oil separator ensures reliable operation of the compressor, especially in deep freeze systems.



Evaporator
Evaporator modules are available in different capacities.



Hot gas defroster kit
This optional function ensures rapid thawing of the evaporator in the cargo space.

Refrigerant lines
Choose lines and connections from our wide range to give a refrigerant circuit that's an optimum fit.



Standby kit
This optional set ensures continuous operation, even when stationary.

- Advantages of an integrated transport refrigeration system**
- Complete integration into the transport refrigeration vehicle
 - No effect on aerodynamic characteristics
 - Optional rapid thawing function

Transport refrigeration systems

Integrated solutions



Transport refrigeration system fully integrated into the vehicle.

Optimum component combinations thanks to modular system.

The transport refrigeration systems ensure that perishable goods can be transported over long distances at the optimum temperature and reach their destination in perfect condition. The components of this cooling system, such as evaporators, condensers and compressors as well as a large range of accessories can be combined to give individually tailored solutions. This gives a high degree of flexibility and adaptability to different applications as specified by the customer. With powerful blowers, they offer reliability and a long service life, important factors in transport refrigeration. Depending on the desired temperature range, the system can be filled with the refrigerant R134a or R404A. An electric motor is available as an option for standby operation.

Pordoi

Modular system for almost all light-duty vehicles. The fully integrated design ensures that neither the exterior appearance nor the aerodynamics of the vehicle are negatively affected.

- Integrated system
- Tailor-made refrigeration units for commercial vehicles with cargo spaces up to 18 m³
- Cooling capacity up to 3,660 W
- Automatic temperature regulation
- High efficiency in all temperature ranges
- High-quality reliable components from proven series production processes
- ATP (Accord Transport Perishable) certification for all units

Technical data

Model overview	Pordoi 2000		Pordoi 3000		Pordoi 4000	
	R404A	R134a	R404A	R134a	R404A	R134a
Refrigerant						
Cooling capacity according to ATP standard, at ambient temperature of +30°C and compartment temperature of 0°C, in engine/standby operation optional (W)	2,493/753	1,565/1,233	2,799/890	2,203/1,636	3,660/1,133	2,616/1,858
Cooling capacity according to ATP standard, at ambient temperature of +30°C and compartment temperature of -20°C, in engine/standby operation optional (W)	1,206/--	--	1,332/--	--	1,926/--	--
Cooling capacity according to ATP standard, at ambient temperature of +30°C and compartment temperature of +5°C, in engine/standby operation optional (W)	--	1,895/1,539	--	2,714/1,994	--	3,101/2,329
Nominal voltage (V)	12					
Air flow (m ³ /h)	670		1040		1534	
Max. total power consumption at 12 V, in engine/standby operation (A)	depending on application/ 14		depending on application/ 16			
Dimensions Condenser unit/evaporator unit L x W x H (mm)	depending on application/ 660 x 500 x 157		depending on application/ 900 x 500 x 157		depending on application/ 1000 x 500 x 157	
Weight Condenser unit/evaporator unit (kg)	depending on application/ 7.5		depending on application/ 10.5		depending on application/ 12.5	
Accessories	Standby unit					



Pordoi 2000

Model overview	Scope of delivery	Order number
Pordoi 2000	Evaporator unit with refrigerant R404A, Product documentation	62U003FF109EC
Pordoi 2000	Evaporator unit with refrigerant R134a, Product documentation	62U003FF123EB
Accessories		
Standby unit		62U0065B04D
Standby unit with accessories		62U0065B09D

Pordoi 3000

Model overview	Scope of delivery	Order number
Pordoi 3000	Evaporator unit with refrigerant R404A, Product documentation	62U003FF111EC
Pordoi 3000	Evaporator unit with refrigerant R134a, Product documentation	62U003FF110EC
Accessories		
Standby unit		62U0065B04D
Standby unit with accessories		62U0065B09D

Pordoi 4000

Model overview	Scope of delivery	Order number
Pordoi 4000	Evaporator unit with refrigerant R404A, Product documentation	62U003FF112EC
Pordoi 4000	Evaporator unit with refrigerant R134a, Product documentation	62U003FF113EC
Accessories		
Standby unit		62U0065B04D
Standby unit with accessories		62U0065B09D

The performance data for your application may differ from the nominal values.

The following pages contain an overview of the available vehicle-specific installation kits. These contain a compressor with mount, condenser with mount, collector/dryer, pressure switch, cable harness, refrigerant lines and connections.

Transport refrigeration systems

Transport refrigeration kit for integrated solutions

Model	Emissions standard	Model year	Cubic capacity	HP	Cylinders	Notes	with original vehicle air-conditioning system	without original vehicle air-conditioning system	Order number		
									Transport refrigeration kit	Evaporator with refrigerant R134a	Evaporator with refrigerant R404A
Citroën											
Berlingo 1.6 HDI	Euro 5		1560	75/92	4		■		622HDPE02FC	62U003FF108EC	
Berlingo 1.6 HDI	Euro 4	from 2006	1560	75	4		■		621HDCI003EB	62U003FF108EC	
Berlingo 1.9 D		from 2003	1905	69	4		■		621HDCI002EA	62U003FF108EC	
Jumper 2.0 HDI	Euro 3	from 2001	1997	84	4		■		622HDFI0165A	62U003FF110EC	
Jumper 2.2 HDI	Euro 4 / 5	from 2006	2198	101	4		■		6231182A	62U003FF110EC	
Jumper 2.2 HDI	Euro 4 / 5	from 2006	2198	101	4		■		6231182A	62U003FF113EC	
Jumper 2.2 HDI	Euro 4	from 2006	2198	101	4		■		622HDFI001FB	62U003FF110EC	
Jumper 2.2 HDI	Euro 4	from 2006	2198	101	4		■		622HDFI0015B	62U003FF113EC	
Jumper 2.2 HDI	Euro 4	from 2006	2198	101	4		■		622HDFI001FB	62U003FF110EC	
Jumper 2.2 HDI	Euro 4	from 2006	2198	101	4		■		622HDFI0015B	62U003FF113EC	
Jumper 2.2 HDI	Euro 4 / 5	from 2006	2198	101	4	1)	■		6231198A		62U003FF111EC
Jumper 2.2 HDI	Euro 4 / 5	from 2006	2198	101	4	1)	■		6231198A		62U003FF112EC
Jumper 2.2 HDI	Euro 4 / 5	from 2006	2198	101	4	1)	■		6231198A		62U003FF125EB
Jumper 2.2 HDI	Euro 5	from 2010	2198	100	4		■		622HDCI005FA	62U003FF110EC	
Jumper 2.3 MJT	Euro 4	from 2006	2287	120	4		■		621HDFI008EC	62U003FF110EC	
Jumper 2.3 MJT	Euro 4	from 2006	2287	120	4		■		621HDFI008EC	62U003FF113EC	
Jumper 2.3 MJT	Euro 4	from 2006	2287	120	4L		■		6234515A	62U003FF110EC	
Jumper 2.3 MJT	Euro 4	from 2006	2287	120	4L		■		622HDFI0025A	62U003FF110EC	
Jumper 2.3 MJT	Euro 4	from 2006	2287	120	4L		■		6234515A	62U003FF113EC	
Jumper 2.3 MJT	Euro 4	from 2006	2287	120	4	1)	■		621HDFI008NA		62U003FF111EC
Jumper 2.3 MJT	Euro 4	from 2006	2287	120	4	1)	■		621HDFI008NA		62U003FF112EC
Jumper 2.3 MJT	Euro 4	from 2006	2287	120	4	1)	■		621HDFI008NA		62U003FF125EB
Jumper 2.5/2.8 D-TD-JTD (series 244)		to 2006					■		622HDFI0055A	62U003FF110EC	
Jumper 2.8 HDI		from 2001	2798	127	4		■		621HDFI002EA	62U003FF110EC	
Jumper 3.0 HDI	Euro 4	from 2006	2999	157	4		■		621HDFI009EC	62U003FF110EC	
Jumper 3.0 HDI	Euro 4	from 2006	2999	157	4		■		621HDFI009EC	62U003FF113EC	
Jumper 3.0 HDI	Euro 4	from 2006	2999	157	4		■		622HDFI003FB	62U003FF113EC	
Jumper 3.0 HDI	Euro 4	from 2006	2999	157	4		■		622HDFI0035A	62U003FF113EC	
Jumper 3.0 HDI	Euro 4	from 2006	2999	157	4		■		622HDFI003FB	62U003FF110EC	
Jumper 3.0 HDI	Euro 4	from 2006	2999	157	4		■		622HDFI0035A	62U003FF110EC	
Jumper 3.0 MJT	Euro 4	from 2006	2999	157	4	1)	■		621HDFI009NA		62U003FF111EC
Jumper 3.0 MJT	Euro 4	from 2006	2999	157	4	1)	■		621HDFI009NA		62U003FF112EC
Jumper 3.0 MJT	Euro 4	from 2006	2999	157	4	1)	■		621HDFI009NA		62U003FF125EB
Jumpy 1.6 HDI	Euro 4	from 2007	1560	90	4		■		621HDFI012EA	62U003FF108EC	
Jumpy 1.6 HDI	Euro 4	from 2007	1560	90	4		■		621HDFI012EA	62U003FF110EC	
Jumpy 2.0 HDI	Euro 4	from 2007	1997	120	4		■		621HDFI011EA	62U003FF110EC	
Jumpy 2.0 HDI	Euro 4	from 2007	1997	120/136	4		■		622HDFI004FA	62U003FF110EC	
Jumpy 2.0 HDI	Euro 4	from 2007	1997	120/137	4		■		622HDFI0045A	62U003FF110EC	
Jumpy 2.0 HDI	Euro 5		1997	128	4		■		621HDFI020EA	62U003FF110EC	
Jumpy 2.0 HDI	Euro 5	from 2010	1997	163	4		■		622HDFI011FB	62U003FF110EC	
Jumpy 2.0 HDI (prepared)	Euro 3	from 2003	1997	94/109	4		■		621HDFI004EA	62U003FF108EC	
Jumpy 2.0 HDI (prepared)	Euro 3	from 2000	1997	94	4		■		622HDFI0185A	62U003FF108EC	
NEMO 1.4 HDI	Euro 4	from 2008	1399	70	4		■		621HDCI004EB	62U003FF108EC	

Model	Emissions standard	Model year	Cubic capacity	HP	Cylinders	Notes	with original vehicle air-conditioning system	without original vehicle air-conditioning system	Order number		
									Transport refrigeration kit	Evaporator with refrigerant R134a	Evaporator with refrigerant R404A
FIAT											
Doblò 1.3 MJ		from 2004	1248	69	4		■		621HDFI003EB	62U003FF108EC	
Doblò 1.3 MJ	Euro 4	from 2010	1248	90	4		■		621HDFI014EA	62U003FF108EC	
Doblò 1.6 Bipower		from 2003	1596	92/103	4		■		621HDFI006EB	62U003FF108EC	
Doblò 1.6 MJ	Euro 4	from 2010	1598	105	4		■		621HDFI015EA	62U003FF108EC	
Doblò 1.6 MJ	Euro 4	from 2010	1598	105	4		■		621HDFI015EA	62U003FF110EC	
Doblò 1.9 JTD		from 2003	1910	105	4		■		621HDFI007EB	62U003FF108EC	
Doblò Cargo 1.3 MJ	Euro 3 / 4	from 2004	1248	69	4		■		622HDFI012FA	62U003FF108EC	
Doblò Cargo 1.4 T-Jet Nat	Euro 5	from 2011	1368	120	4		■		622HDFI015FA	62U003FF108EC	
Doblò Cargo 1.4 Gasoline	Euro 4	from 2007	1368	95	4		■		622HDFI008FA	62U003FF108EC	
Doblò Cargo 1.6 MJT	Euro 5		1598	105	4		■		622HDFI006FA	62U003FF108EC	
Doblò Cargo 1.6 Bipower	Euro 4 / 5		1596		4		■		621HDFI019FA	62U003FF108EC	
Doblò Cargo 1.9 MJ	Euro 4	from 2007	1910	105	4		■		622HDFI014FA	62U003FF108EC	
Doblò Cargo 2.0 MJT	Euro 5		1956	135	4		■		622HDFI006FA	62U003FF110EC	
Ducato 2.0 HDI	Euro 3	from 2001	1997	84	4		■		622HDFI0165A	62U003FF110EC	
Ducato 2.0 HDI	Euro 3	from 2001	1997	84	4		■		622HDFI0165A	62U003FF113EC	
Ducato 2.0 MJ	Euro 5	from 2007	1956	115	4		■		621HDFI018EA	62U003FF110EC	
Ducato 2.0 MJ	Euro 5	from 2008	1956	115	4		■		621HDFI018EA	62U003FF113EC	
Ducato 2.0 Mjt (SP15)	Euro 5	from 2011	1956	115	4		■		622HDFI013FA	62U003FF110EC	
Ducato 2.0 Mjt (SP15)	Euro 5	from 2011	1956	115	4		■		622HDFI013FA	62U003FF113EC	
Ducato 2.0 Mjt (TM15)	Euro 5	from 2011	1956	115	4		■		622HDFI010FA	62U003FF110EC	
Ducato 2.0 Mjt (TM15)	Euro 5	from 2011	1956	115	4		■		622HDFI010FA	62U003FF113EC	
Ducato 2.2 MJ	Euro 4	from 2006	2198	101	4		■		6231182A	62U003FF110EC	
Ducato 2.2 MJ	Euro 4	from 2006	2198	101	4		■		6231182A	62U003FF113EC	
Ducato 2.2 MJ	Euro 4	from 2006	2198	101	4		■		622HDFI001FB	62U003FF110EC	
Ducato 2.2 MJ	Euro 4	from 2006	2198	101	4		■		622HDFI0015B	62U003FF110EC	
Ducato 2.2 MJ	Euro 4	from 2006	2198	101	4		■		622HDFI001FB	62U003FF113EC	
Ducato 2.2 MJ	Euro 4	from 2006	2198	101	4		■		622HDFI0015B	62U003FF113EC	
Ducato 2.2 MJ	Euro 4	from 2006	2198	101	4	1)	■		6231198A		62U003FF111EC
Ducato 2.2 MJ	Euro 4	from 2006	2198	101	4	1)	■		6231198A		62U003FF112EC
Ducato 2.2 MJ	Euro 4	from 2006	2198	101	4	1)	■		6231198A		62U003FF125EB
Ducato 2.3 MJ		from 2006	2287	120	4		■		621HDFI008EC	62U003FF110EC	
Ducato 2.3 MJ		from 2006	2287	120	4		■		621HDFI008EC	62U003FF113EC	
Ducato 2.3 MJ	Euro 4 / 5	from 2006	2287	120	4	1)	■		621HDFI008NA		62U003FF111EC
Ducato 2.3 MJ	Euro 4 / 5	from 2006	2287	120	4	1)	■		621HDFI008NA		62U003FF112EC
Ducato 2.3 MJ	Euro 4 / 5	from 2006	2287	120	4	1)	■		621HDFI008NA		62U003FF125EB
Ducato 2.5/2.8 D-TD-JTD (series 244)	Euro 4	to 2006					■		622HDFI0055A		
Ducato 2.8JTD (series 244)		from 2003	2798	127	4		■		621HDFI002EA	62U003FF110EC	
Ducato 3.0 MJ		from 2006	2999	157	4		■		621HDFI009EC	62U003FF110EC	
Ducato 3.0 MJ		from 2006	2999	157	4		■		621HDFI009EC	62U003FF113EC	
Ducato 3.0 MJ		from 2006	2999	157	4	1)	■		621HDFI009NA		62U003FF111EC
Ducato 3.0 MJ		from 2006	2999	157	4	1)	■		621HDFI009NA		62U003FF112EC
Ducato 3.0 MJ		from 2006	2999	157	4	1)	■		621HDFI009NA		62U003FF125EB
Ducato X 250 2.2 MJT	Euro 4	from 2006	2287	120	4L		■		622HDFI001FB	62U003FF110EC	
Ducato X 250 2.2 MJT	Euro 4	from 2006	2287	120	4L		■		622HDFI0015B	62U003FF110EC	

Transport refrigeration systems

Transport refrigeration kit for integrated solutions

Model	Emissions standard	Model year	Cubic capacity	HP	Cylinders	Notes	with original vehicle air-conditioning system	without original vehicle air-conditioning system	Order number		
									Transport refrigeration kit	Evaporator with refrigerant R134a	Evaporator with refrigerant R404A
Ducato X 250 2.2 MJT	Euro 4	from 2006	2287	120	4L		■		622HDFI001FB	62U003FF113EC	
Ducato X 250 2.2 MJT	Euro 4	from 2006	2287	120	4L		■		622HDFI0015B	62U003FF113EC	
Ducato X 250 2.3 MJT	Euro 4	from 2006	2287	120	4L		■		6234515A	62U003FF110EC	
Ducato X 250 2.3 MJT	Euro 4	from 2006	2287	120	4L		■		6234515A	62U003FF113EC	
Ducato X 250 3.0 MJT	Euro 4	from 2006	2999	157	4		■		622HDFI003FB	62U003FF110EC	
Ducato X 250 3.0 MJT	Euro 4	from 2006	2999	157	4		■		622HDFI0035A	62U003FF110EC	
Ducato X 250 3.0 MJT	Euro 4	from 2006	2999	157	4		■		622HDFI003FB	62U003FF113EC	
Ducato X 250 3.0 MJT	Euro 4	from 2006	2999	157	4		■		622HDFI0035A	62U003FF113EC	
Fiorino 1.3 MJ	Euro 5		1248	90	4		■		621HDP001EA	62U003FF108EC	
Fiorino 1.3 MJT 16 V	Euro 4	from 2008	1248	75	4		■		621HDFI013EB	62U003FF108EC	
Fiorino 1.3 MJT 16 V	Euro 5		1248	75	4		■		622HDFI009FA	62U003FF108EC	
Fiorino 1.4 B-metan	Euro 5	from 2011	1368	95	4		■		621HDFI019EA	62U003FF108EC	
Scudo 1.6 MJ	Euro 4	from 2007	1560	90	4		■		621HDFI012EA	62U003FF108EC	
Scudo 1.6 MJ	Euro 4	from 2007	1560	90	4		■		621HDFI012EA	62U003FF110EC	
Scudo 1.6 MJ	Euro 4	from 2007	1560	90	4	3)	■		622HDFI007FA	62U003FF108EC	
Scudo 1.6 MJ	Euro 4	from 2007	1560	90	4	3)	■		622HDFI007FA	62U003FF110EC	
Scudo 2.0 MJ	Euro 4	from 2007	1997	120	4		■		621HDFI011EA	62U003FF110EC	
Scudo 2.0 MJ	Euro 4	from 2007	1997	120/136	4		■		622HDFI004FA	62U003FF110EC	
Scudo 2.0 MJ	Euro 4	from 2007	1997	120/137	4		■		622HDFI0045A	62U003FF110EC	
Scudo 2.0 MJ	Euro 5		1997	128	4		■		621HDFI020EA	62U003FF110EC	
Scudo 2.0 MJ	Euro 5	from 2010	1997	163	4		■		622HDFI011FB	62U003FF110EC	
Scudo 2.0 JTD (prepared)	-	from 2003	1997	94/109	4		■		621HDFI004EA	62U003FF108EC	
Scudo 2.0 JTD (prepared)	-	from 2000	1997	94	4		■		622HDFI0185A	62U003FF108EC	
Ford											
TRANSIT (CUSTOM) 2.2 TDCI	Euro 5	from 2012	2200	100 – 125	4		■		622HDFO003FA	62U003FF110EC	
TRANSIT (CUSTOM) 2.2 TDCI	Euro 5	from 2012	2200	100 – 125	4		■		622HDFO003FA	62U003FF113EC	
TRANSIT (CUSTOM) 2.2 TDCI	Euro 5	from 2012	2200	100 – 125	4		■		621HDFO0065A	62U003FF110EC	
TRANSIT (CUSTOM) 2.2 TDCI	Euro 5	from 2012	2200	100 – 125	4		■		621HDFO0065A	62U003FF113EC	
under chassis condenser kit									62A031133A		
TRANSIT 2.2 TDCI	Euro 4	from 2006	2198	101	4		■		621HDFO003EA	62U003FF110EC	
TRANSIT 2.2 TDCI	Euro 4	from 2006	2198	115/140	4L		■		62HDFO0025D	62U003FF110EC	
TRANSIT 2.2 TDCI	Euro 4	from 2006	2198	101	4	1)	■		621HDFO003NA	62U003FF111EC	
TRANSIT 2.2 TDCI	Euro 5	from 2012	2198	101	4	4)	■		621HDFO0055B	62U003FF110EC	
under chassis condenser kit									62A031034C		
TRANSIT 2.2 TDCI	Euro 5	from 2012	2200	100 – 125	4		■		622HDFO0035A	62U003FF110EC	
TRANSIT 2.2 TDCI	Euro 5	from 2012	2200	100 – 125	4		■		622HDFO0035A	62U003FF113EC	
TRANSIT 2.4 TDCI	Euro 4	from 2007	2402	140	4		■		621HDFO004EA	62U003FF110EC	
TRANSIT 2.4 TDCI	Euro 4	from 2007	2402	140	4		■		621HDFO004EA	62U003FF113EC	
TRANSIT 2.4 TDCI	Euro 4	from 2006	2402	140	4L		■		622HDFO0015B	62U003FF110EC	
TRANSIT 2.4 TDCI	Euro 4	from 2006	2402	140	4L		■		622HDFO0015B	62U003FF113EC	
TRANSIT CONNECT 1.8 TDCI (not prepared)	-	from 2003	1753	90	4		■		621HDFO002EA	62U003FF108EC	
Hyundai											
H100	-	from 2006	2476	81	4		■		6212SHY01001A	no	

Model	Emissions standard	Model year	Cubic capacity	HP	Cylinders	Notes	with original vehicle air-conditioning system	without original vehicle air-conditioning system	Order number		
									Transport refrigeration kit	Evaporator with refrigerant R134a	Evaporator with refrigerant R404A
Iveco											
Daily 2.3 HPI	Euro 4	from 2006	2286	116	4		■		621HDIV004EA	62U003FF110EC	
Daily 2.3 HPI	Euro 4	from 2006	2286	116	4		■		621HDIV004EA	62U003FF113EC	
Daily 2.3 HPI	Euro 4	2003 – 2006	2286	116	4		■		622HDIV0045A	62U003FF110EC	
Daily 2.3 HPI	Euro 4	2003 – 2006	2286	116	4		■		622HDIV0045A	62U003FF113EC	
Daily 2.3 HPI	Euro 5		2286	106/126	4		■		622HDIV0055A	62U003FF110EC	
Daily 2.3 HPI	Euro 5		2286	106/126	4		■		622HDIV0055A	62U003FF113EC	
Daily 2.3 HPT	Euro 5	from 2011	2286	106/145	4		■		621HDIV008EA	62U003FF110EC	
Daily 2.3 HPT	Euro 5	from 2011	2286	106/145	4		■		621HDIV008EA	62U003FF113EC	
Daily 3.0	Euro 5	from 2010	2998	107/150	4		■		622HDIV0065A	62U003FF110EC	
Daily 3.0 HPI / HPT	Euro 4	from 2006	2998	146	4		■		621HDIV003EA	62U003FF110EC	
Daily 3.0 HPI / HPT	Euro 4	from 2006	2998	146	4		■		621HDIV003EA	62U003FF113EC	
Daily 3.0 HPT	Euro 5	from 2011	2998	145/170	4		■		621HDIV007EA	62U003FF110EC	
Daily 3.0 HPT	Euro 5	from 2011	2998	145/170	4		■		621HDIV007EA	62U003FF113EC	
Daily 3.0 JTD	-	from 2004	3000	170	4		■		621HDIV006EA	62U003FF110EC	
Daily 3.0 JTD	-	from 2004	3000	170	4		■		621HDIV006EA	62U003FF113EC	
Daily 3.0 JTD	-	2003 – 2006	3000	169/177	4		■		622HDIV0015B	62U003FF110EC	
Daily 3.0 JTD	-	2003 – 2006	3000	169/177	4		■		622HDIV0015B	62U003FF113EC	
Daily 3.1	Euro 5	from 2010	2998	107/150	4		■		622HDIV0065A	62U003FF113EC	
Mercedes-Benz											
Sprinter 2.2 CDI – GSX	Euro 4	from 2600	2148	150	4		■		621HDMB004EA	62U003FF110EC	
Sprinter 2.2 CDI – GSX	Euro 4	from 2600	2148	150	4		■		621HDMB004EA	62U003FF113EC	
Sprinter 2.2 CDI (MB N63)	Euro 4	to 2006	2148	150	4		■		622HDMB0045B	62U003FF110EC	
Sprinter 2.2 CDI (MB N63)	Euro 4	to 2006	2148	150	4		■		622HDMB0045B	62U003FF113EC	
Sprinter 2.2 CDI (MB N63)	Euro 4	from 2010	2143	163	4		■		622HDMB0075B	62U003FF110EC	
Sprinter 2.2 CDI (MB N63)	Euro 4	from 2010	2143	163	4		■		622HDMB0075B	62U003FF113EC	
Sprinter 2.2 CDI E4 OM 646 DELA	-	2006 – 2009	2148	150	4		■		622HDMB0025B	62U003FF110EC	
Sprinter 2.2 CDI E4 OM 646 DELA	-	2006 – 2009	2148	150	4		■		622HDMB0025B	62U003FF113EC	
Sprinter 2.2 DCI	-		2150	129	4		■		622HDMB0055B	62U003FF110EC	
Sprinter 2.2 DCI	-		2150	129	4		■		622HDMB0055B	62U003FF113EC	
Sprinter 3.0 CDI (Orig. Tensioner) OM 642DELA	Euro 4	to 2006	2987	184	6		■		622HDMB0095A	62U003FF110EC	
Sprinter 3.0 CDI (Orig. Tensioner) OM 642DELA	Euro 4	to 2006	2987	184	6		■		622HDMB0095A	62U003FF113EC	
Sprinter 316 2.2 CDI OM651 DE22LA (not fittable for vehicles BlueEfficiency)	Euro 5	to 2009	2143	163	4		■		622HDMB0085B	62U003FF110EC	
Sprinter 316 2.2 CDI OM651 DE22LA (not fittable for vehicles BlueEfficiency)	Euro 5	to 2009	2143	163	4		■		622HDMB0085B	62U003FF113EC	
Vito 109-111-115 2.2 DCI	Euro 4	from 2007	2148	95/116/150	4L		■		621HDMB005EA	62U003FF110EC	
Vito 109-111-115 2.2 DCI	Euro 4	from 2007	2148	95/116/152	4L		■		621HDMB005EA	62U003FF113EC	
Vito 111-115 2.2 DCI	-	from 2003	2148	110 – 150	4		■		622HDMB0065A	62U003FF110EC	
Vito 111-115 2.2 DCI	-	from 2003	2148	110 – 150	4		■		622HDMB0065A	62U003FF113EC	
Vito 2.2 CDI (engine OM 646)	Euro 4	from 2003	2148	109	4		■		621HDMB003EC	62U003FF110EC	
Vito 2.2 CDI (engine OM 646)	Euro 4	from 2003	2148	109	4		■		621HDMB003EC	62U003FF113EC	

Transport refrigeration systems

Transport refrigeration kit for integrated solutions

Model	Emissions standard	Model year	Cubic capacity	HP	Cylinders	Notes	with original vehicle air-conditioning system	without original vehicle air-conditioning system	Order number		
									Transport refrigeration kit	Evaporator with refrigerant R134a	Evaporator with refrigerant R404A
NISSAN											
Interstar 2.2/2.5 DCI (prepared)	–	from 2003	2188/2463	90/115	4		■		621HDRE004EB	62U003FF110EC	
Interstar 2.2/2.5 DCI (prepared)	–	from 2004	2463	114	4		■		622HDRE003SA	62U003FF110EC	
Interstar 2.5 DCI	Euro 4	from 2006	2464	120	4		■		621HDRE011EA	62U003FF110EC	
Interstar 2.5 DCI	Euro 4	from 2006	2464	120	4		■		621HDRE011EA	62U003FF113EC	
Interstar 2.5 DCI	Euro 4	from 2006	2464	120	4		■		622HDRE001SA	62U003FF110EC	
Interstar 2.5 DCI	Euro 4	from 2006	2464	120	4		■		622HDRE001SA	62U003FF113EC	
NV200 1.5 DCI	Euro 5	from 2010	1462	86	4		■		622HDNI003FA	62U003FF108EC	
Primastar 1.9 DCI	–	from 2001	1870	82	4		■		622HDRE005SA	62U003FF108EC	
Primastar 2.0 DCI	Euro 5	from 2010	1995	90 – 114	4	5)	■		622HDRE007SA	62U003FF108EC	
Primastar 2.0 DCI	Euro 5	from 2010	1995	90 – 115	4		■		621HDRE015NA		
Primastar 2.0 DCI	Euro 5	from 2010	1995	90 – 115	4		■		621HDRE015A		
Primastar 2.0 DCI	Euro 4	from 2006	1995	90 – 115	4		■		621HDRE010EB	62U003FF108EC	
Primastar 2.0 DCI	Euro 4	from 2006	1995	90	4	6)	■		622HDRE009SA		
Primastar 2.5 DCI	–	from 2003	2463	135	4		■		621HDNI001EA	62U003FF108EC	
OPEL											
Movano 2.2/2.5 CDTI (not prepared)	–	from 2003	2188/2463	90/114	4		■		621HDRE007EA	62U003FF110EC	
Movano 2.2/2.5 CDTI (prepared)	–	from 2003	2188/2463	90/114	4		■		621HDRE004EB	62U003FF110EC	
Movano 2.2/2.5 CDTI (prepared)	–	from 2004	2463	114	4		■		622HDRE003SA	62U003FF110EC	
Movano 2.3 DCI	Euro 5	from 2010	2298	125	4		■		621HDRE013EA	62U003FF110EC	
Movano 2.3 DCI	Euro 5	from 2010	2298	125	4	1)	■		621HDRE013NB	62U003FF111EC	
Movano 2.5 DCI	Euro 4	from 2006	2464	120	4		■		621HDRE011EA	62U003FF110EC	
Movano 2.5 DCI	Euro 4	from 2006	2464	120	4		■		621HDRE011EA	62U003FF113EC	
Movano 2.5 DCI	Euro 4	from 2006	2464	120	4		■		622HDRE001SA	62U003FF110EC	
Movano 2.5 DCI	Euro 4	from 2006	2464	120	4		■		622HDRE001SA	62U003FF113EC	
Vivaro 1.9 DCI	–	from 2001	1870	82	4		■		622HDRE005SA	62U003FF110EC	
Vivaro 1.9 DI-DTI (engine F9Q) (not prepared)	–	from 2001	1870	80/100	4		■		621HDRE003EA	62U003FF110EC	
Vivaro 2.0 CDTI	–	from 2006	1995	90 – 115	4		■		621HDRE010EB	62U003FF110EC	
Vivaro 2.0 CDTI	–	from 2006	1995	90	4	6)	■		622HDRE009SA	62U003FF110EC	
Vivaro 2.0 DCI	Euro 5	from 2010	1995	90 – 115	4	5)	■		622HDRE007SA	62U003FF110EC	
Vivaro 2.0 DCI	Euro 5	from 2010	1995	90 – 115	4		■		621HDRE015NA		
Vivaro 2.0 DCI	Euro 5	from 2010	1995	90 – 115	4		■		621HDRE015A		
Vivaro 2.5 DTI	–	from 2003	2463	133	4		■		621HDNI001EA	62U003FF110EC	
PEUGEOT											
Bipper 1.3 HDI	Euro 5		1248	90	4		■		621HDPE001EA	62U003FF108EC	
Bipper 1.4 HDI	Euro 4	from 2008	1399	70	4		■		621HDCI004EA	62U003FF108EC	
Boxer 2.2 HDI	Euro 4 / 5	from 2006	2198	101	4		■		6231182A	62U003FF110EC	
Boxer 2.2 HDI	Euro 4 / 5	from 2006	2198	101	4		■		6231182A	62U003FF113EC	
Boxer 2.2 HDI	Euro 4	from 2006	2198	101	4		■		622HDFI001FB	62U003FF110EC	
Boxer 2.2 HDI	Euro 4	from 2006	2198	101	4		■		622HDFI001FB	62U003FF113EC	

Model	Emissions standard	Model year	Cubic capacity	HP	Cylinders	Notes	with original vehicle air-conditioning system	without original vehicle air-conditioning system	Order number		
									Transport refrigeration kit	Evaporator with refrigerant R134a	Evaporator with refrigerant R404A
Boxer 2.2 HDI	Euro 4	from 2006	2198	101	4		■		622HDFI001SB	62U003FF110EC	
Boxer 2.2 HDI	Euro 4	from 2006	2198	101	4		■		622HDFI001SB	62U003FF113EC	
Boxer 2.2 HDI	Euro 5	from 2010	2198	100	4		■		622HDCI005FA	62U003FF110EC	
Boxer 2.2 HDI	Euro 4 / 5	from 2006	2198	101	4	1)	■		6231198A		62U003FF111EC
Boxer 2.2 HDI	Euro 4 / 5	from 2006	2198	101	4	1)	■		6231198A		62U003FF112EC
Boxer 2.2 HDI	Euro 4 / 5	from 2006	2198	101	4	1)	■		6231198A		62U003FF125EB
Boxer 2.3 MJT	Euro 4	from 2006	2287	120	4		■		621HDFI008EC	62U003FF110EC	
Boxer 2.3 MJT	Euro 4	from 2006	2287	120	4		■		621HDFI008EC		62U003FF111EC
Boxer 2.3 MJT	Euro 4	from 2006	2287	120	4		■		621HDFI008EC	62U003FF113EC	
Boxer 2.3 MJT	Euro 4	from 2006	2287	120	4		■		621HDFI008EC		62U003FF112EC
Boxer 2.3 MJT	Euro 4	from 2006	2287	120	4		■		621HDFI008EC		62U003FF125EB
Boxer 2.3 MJT	Euro 4	from 2006	2287	120	4L		■		6234515A		
Boxer 2.3 MJT	Euro 4	from 2006	2287	120	4	1)	■		621HDFI008NA		62U003FF111EC
Boxer 2.3 MJT	Euro 4	from 2006	2287	120	4	1)	■		621HDFI008NA		62U003FF112EC
Boxer 2.3 MJT	Euro 4	from 2006	2287	120	4	1)	■		621HDFI008NA		62U003FF125EB
Boxer 2.5/2.8 D-TD-JTD (series 244)	–	to 2006					■		622HDFI005SA		
Boxer 3.0 HDI	Euro 4	from 2006	2999	157	4		■		622HDFI003FB		
Boxer 3.0 HDI	Euro 4	from 2006	2999	157	4		■		622HDFI003SA		
Boxer 3.0 MJT	Euro 4	from 2006	2999	157	4		■		621HDFI009EC	62U003FF110EC	
Boxer 3.0 MJT	Euro 4	from 2006	2999	157	4		■		621HDFI009EC		62U003FF111EC
Boxer 3.0 MJT	Euro 4	from 2006	2999	157	4		■		621HDFI009EC	62U003FF113EC	
Boxer 3.0 MJT	Euro 4	from 2006	2999	157	4		■		621HDFI009EC		62U003FF112EC
Boxer 3.0 MJT	Euro 4	from 2006	2999	157	4		■		621HDFI009EC		62U003FF125EB
Boxer 3.0 MJT	Euro 4	from 2006	2999	157	4	1)	■		621HDFI009NA		62U003FF111EC
Boxer 3.0 MJT	Euro 4	from 2006	2999	157	4	1)	■		621HDFI009NA		62U003FF112EC
Boxer 3.0 MJT	Euro 4	from 2006	2999	157	4	1)	■		621HDFI009NA		62U003FF125EB
Boxer 330-350 2.8HDI	–	from 2003	2798	127	4		■		621HDFI002EA	62U003FF110EC	
Boxer 330-350 2.8HDI	–	from 2003	2798	127	4		■		621HDFI002EA		62U003FF111EC
Expert 1.6 HDI	Euro 4	from 2007	1560	90	4		■		621HDFI012EA	62U003FF108EC	
Expert 1.6 HDI	Euro 4	from 2007	1560	90	4		■		621HDFI012EA		62U003FF109EC
Expert 1.6 HDI	Euro 4	from 2007	1560	90	4		■		621HDFI012EA	62U003FF110EC	
Expert 1.6 HDI	Euro 4	from 2007	1560	90	4		■		621HDFI012EA		62U003FF111EC
Expert 1.6 MJ HDI	Euro 5	from 2011	1560	90	4		■		622HDFI020FA	62U003FF108EC	
Expert 1.6 MJ HDI	Euro 5	from 2011	1560	90	4		■		622HDFI020FA	62U003FF110EC	
Expert 2.0 HDI	Euro 4	from 2007	1997	120	4		■		621HDFI011EA	62U003FF110EC	
Expert 2.0 HDI	Euro 4	from 2007	1997	120	4		■		621HDFI011EA		62U003FF111EC
Expert 2.0 HDI	Euro 4	from 2007	1997	120	4		■		621HDFI011EA		62U003FF112EC
Expert 2.0 HDI	Euro 4	from 2007	1997	120/136	4		■		622HDFI004FA	62U003FF110EC	
Expert 2.0 HDI	Euro 4	from 2007	1997	120/137	4		■		622HDFI004SA	62U003FF110EC	
Expert 2.0 HDI	Euro 5		1997	128	4		■		621HDFI020EA	62U003FF110EC	
Expert 2.0 HDI	Euro 5		1997	128	4		■		621HDFI020EA		62U003FF111EC
Expert 2.0 HDI	Euro 5	from 2010	1997	163	4		■		622HDFI011FB	62U003FF110EC	
Expert 220-230 2.0 HDI (prepared)	–	from 2003	1997	94/109	4		■		621HDFI004EA	62U003FF108EC	
Expert 220-230 2.0 HDI (prepared)	–		1997	94/109	4		■		621HDFI004EA		62U003FF109EC

Transport refrigeration systems

Transport refrigeration kit for integrated solutions

Model	Emissions standard	Model year	Cubic capacity	HP	Cylinders	Notes	with original vehicle air-conditioning system	without original vehicle air-conditioning system	Order number		
									Transport refrigeration kit	Evaporator with refrigerant R134a	Evaporator with refrigerant R404A
Expert 220-230 2.0 HDI (prepared)	-	from 2000	1997	94	4		■		622HDF0185A	62U003FF108EC	
Partner 1.6 HDI	Euro 5		1560	75/92	4		■		622HDPE002FB	62U003FF108EC	
Partner 1600 HDI (KMD-131)	-	from 2008	1560	75/90	4		■		622HDPE001FA	62U003FF108EC	
Partner/Ranch 1.9D MY2003	-	to 09/2002	1905	69	4		■		621HDC1002EA	62U003FF108EC	
RENAULT											
Kangoo 1.5 DCI	Euro 5		1461	75	4	10)	■		621HDRE014EA	62U003FF108EC	
Kangoo 1.5 DCI	Euro 5		1461	75	4	10)	■		621HDRE014EA		62U003FF109EC
Kangoo 1.5 DCI (engine K9K)	Euro 4	from 2008	1461	68/86/105	4		■		621HDRE012EA	62U003FF108EC	
Kangoo 1.5 DCI (engine K9K)	Euro 4	from 2008	1461	68/86/105	4		■		621HDRE012EA		62U003FF109EC
Kangoo 1.5 DCI (engine K9K)	Euro 5	from 2011	1461	68/86/105	4		■		621HDRE010FA	62U003FF108EC	
Kangoo 1.5 DCI (engine K9K)	Euro 5	from 2011	1461	68/86/105	4		■		621HDRE010FA		62U003FF109EC
MASCOTT 3.0 DCI MOT. LONGITUDINALE	-	from 2004	2953	136	4		■		622HDRE0045A		
MASTER 2.2/2.5 DCI (not prepared)	-	from 2003	2188/2463	90/114	4		■		621HDRE007EA	62U003FF110EC	
MASTER 2.2/2.5 DCI (not prepared)	-	from 2003	2188/2463	90/114	4		■		621HDRE007EA		62U003FF111EC
MASTER 2.2/2.5 DCI (prepared)	-	from 2003	2188/2463	90/114	4		■		621HDRE004EB	62U003FF110EC	
MASTER 2.2/2.5 DCI (prepared)	-	from 2003	2188/2463	90/114	4		■		621HDRE004EB		62U003FF111EC
MASTER 2.2/2.5 DCI (prepared)	-	from 2004	2463	114	4		■		622HDRE0035A		
MASTER 2.3 DCI Rear-wheel drive	Euro 5	from 2010	1998	125	4		■		622HDRE0085A	62U003FF110EC	
MASTER 2.3 DCI Refrigerants R134a	Euro 5	from 2010	1998	125	4		■		621HDRE013EA	62U003FF110EC	
MASTER 2.3 DCI Refrigerants R134a	Euro 5	from 2010	1998	125	4		■		622HDRE0065A		
MASTER 2.3 DCI Refrigerants R404A	Euro 5	from 2010	1998	125	4	1)	■		621HDRE013NB		62U003FF111EC
MASTER 2.5 DCI	Euro 4	from 2006	2464	120	4		■		621HDRE011EA	62U003FF110EC	
MASTER 2.5 DCI	Euro 4	from 2006	2464	120	4		■		621HDRE011EA		62U003FF111EC
MASTER 2.5 DCI	Euro 4	from 2006	2464	120	4		■		621HDRE011EA	62U003FF113EC	
MASTER 2.5 DCI	Euro 4	from 2006	2464	120	4		■		621HDRE011EA		62U003FF112EC
MASTER 2.5 DCI	Euro 4	from 2006	2464	120	4		■		621HDRE011EA		62U003FF125EB
MASTER 2.5 DCI	Euro 4	from 2006	2464	120	4		■		622HDRE0015A		
MASTER PROPULSION 3.0 DCI	-	from 2004	2953	136	4		■		622HDRE0045A		
TRAFIC 1.9 DCI	-	from 2001	1870	82	4		■		622HDRE0055A		
TRAFIC 1.9 DCI TD (not prepared) (engine F9Q76)	-	from 2001	1870	80/100	4		■		621HDRE003EA	62U003FF110EC	
TRAFIC 1.9 DCI TD (not prepared) (engine F9Q76)	-	from 2001	1870	80/100	4		■		621HDRE003EA		62U003FF111EC
TRAFIC 2.0 DCI	Euro 5	from 2010	1995	90-115	4	5)	■		622HDRE0075A		
TRAFIC 2.0 DCI	Euro 5	from 2010	1995	90-115	4		■		621HDRE015NA		
TRAFIC 2.0 DCI	Euro 5	from 2010	1995	90-115	4		■		621HDRE015NA		
TRAFIC 2.0 DCI (not prepared)	-	from 2006	1995	90-115	4		■		621HDRE010EB	62U003FF110EC	
TRAFIC 2.0 DCI (not prepared)	-	from 2006	1995	90-115	4		■		621HDRE010EB		62U003FF111EC

Model	Emissions standard	Model year	Cubic capacity	HP	Cylinders	Notes	with original vehicle air-conditioning system	without original vehicle air-conditioning system	Order number		
									Transport refrigeration kit	Evaporator with refrigerant R134a	Evaporator with refrigerant R404A
TRAFIC 2.0 DCI (not prepared)	-	from 2006	1995	90	4	6)	■		622HDRE0095A		
TRAFIC 2.5 DCI	-	from 2003	2463	135	4		■		621HDN001EA	62U003FF110EC	
TRAFIC 2.5 DCI	-	from 2003	2463	135	4		■		621HDN001EA		62U003FF111EC
Volkswagen											
CADDY 1.6 TDI	Euro 5	from 2010	1598	102	4	7)	■		621HDVW006EA	62U003FF108EC	
CADDY 1.6 TDI	Euro 5	from 2010	1598	102	4	7)	■		621HDVW006EA		62U003FF109EC
CADDY 1.6 TDI	Euro 5	from 2010	1598	102	4	8)	■		621HDVW006EA	62U003FF108EC	
CADDY 1.6 TDI	Euro 5	from 2010	1598	102	4	8)	■		621HDVW006EA		62U003FF109EC
CADDY 1.9 TDI – 2.0SDI (engine BDJ)	-	from 2004	1968	69	4	7)	■		621HDVW001EA	62U003FF108EC	
CADDY 1.9 TDI – 2.0SDI (engine BDJ)	-	from 2004	1968	69	4	7)	■		621HDVW001EA		62U003FF109EC
CADDY 1.9 TDI – 2.0SDI (engine BDJ)	-	from 2004	1968	69	4	8)	■		621HDVW001EA	62U003FF108EC	
CADDY 1.9 TDI – 2.0SDI (engine BDJ)	-	from 2004	1968	69	4	8)	■		621HDVW001EA		62U003FF109EC
CRAFTER 2.0 TDI	Euro 5	from 2009	1968	106/163	4		■		621HDVW005EA		
CRAFTER 2.5 TDI	-	from 2006	2459	136	4L		■		621HDVW003EB	62U003FF110EC	
CRAFTER 2.5 TDI	-	from 2006	2459	136	4L		■		621HDVW003EB		62U003FF111EC
CRAFTER 2.5 TDI	-	from 2006	2459	136	4L		■		621HDVW003EB	62U003FF113EC	
CRAFTER 2.5 TDI	-	from 2006	2459	136	4L		■		621HDVW003EB		62U003FF112EC
CRAFTER 2.5 TDI	-	from 2006	2459	136	4L		■		621HDVW003EB		62U003FF125EB
CRAFTER 2.5 TDI	-	from 2006	2459	136	4L		■		622HDVW0015B		
T5 1.9 TDI	Euro 4	from 2004	1896	86/105	4		■		621HDVW004EA	62U003FF108EC	
T5 1.9 TDI	Euro 4	from 2004	1896	86/105	4		■		621HDVW004EA		62U003FF109EC
T5 1.9 TDI	Euro 4	from 2004	1896	86/105	4		■		621HDVW004EA	62U003FF110EC	
T5 1.9 TDI	Euro 4	from 2004	1896	86/105	4		■		621HDVW004EA		62U003FF111EC
T5 1.9 TDI	Euro 4	from 2004	1896	86/105	4		■		621HDVW004EA	62U003FF113EC	
T5 1.9 TDI	Euro 4	from 2004	1896	86/105	4		■		621HDVW004EA		62U003FF112EC
T5 1.9 TDI	Euro 4	from 2004	1896	86/105	4		■		621HDVW004EA		62U003FF125EB
T5 2.0 TDI (engine CAA)	Euro 5	from 2010	1968	102	4L	9)	■		621HDVW004EA	62U003FF108EC	
T5 2.0 TDI (engine CAA)	Euro 5	from 2010	1968	102	4L		■		621HDVW004EA		62U003FF109EC
T5 2.0 TDI (engine CAA)	Euro 5	from 2010	1968	102	4L		■		621HDVW004EA	62U003FF110EC	
T5 2.0 TDI (engine CAA)	Euro 5	from 2010	1968	102	4L		■		621HDVW004EA		62U003FF111EC
T5 2.0 TDI (engine CAA)	Euro 5	from 2010	1968	102	4L		■		621HDVW004EA	62U003FF113EC	
T5 2.0 TDI (engine CAA)	Euro 5	from 2010	1968	102	4L		■		621HDVW004EA		62U003FF112EC
T5 2.0 TDI (engine CAA)	Euro 5	from 2010	1968	102	4L		■		621HDVW004EA		62U003FF125EB
VW CRAFTER 2.0 TDI	Euro 5	2006 – 2011	1968	109 – 163	4		■		622HDVW0045C		
VW CRAFTER 2.0 TDI	Euro 5	2006 – 2011	1968	109 – 163	4	1)	■		621HDVW005NA		
Under chassis condenser kit									62A031023B		
VW LT35 2.8 TDI mot. BCQ	-	from 2000	2799	158	4		■		622HDVW0025A		
VW T5 2.0 TDI 6 gear box	Euro 5	from 2009	1968	140 – 180	4		■		622HDVW0065A		
VW T5 2.0 TDI 5 gear box	Euro 5	from 2009	1968	82 – 102	4		■		622HDVW0055A		
VW T5 2.0 TDI Automatic Transmission	Euro 5	from 2009	1968	140 – 180	4		■		622HDVW0075A		

Transport refrigeration systems

Transport refrigeration kit for integrated solutions

Model	Notes	Order number
		Transport refrigeration kit
List of accessories		
Evaporator unit for frigo 2000 R134a prepared for hot gas defrosting function		62U003FF108EC
Evaporator unit for frigo 2000 R404A prepared for hot gas defrosting function		62U003FF109EC
Evaporator unit for frigo 3000 R134a prepared for hot gas defrosting function		62U003FF110EC
Evaporator unit for frigo 3000 R404A prepared for hot gas defrosting function		62U003FF111EC
Evaporator unit for frigo 4000 R404A prepared for hot gas defrosting function		62U003FF112EC
Evaporator unit for frigo 4000 R134a prepared for hot gas defrosting function		62U003FF113EC
Evaporator unit for frigo 4000 R404A prepared for hot gas defrost. function 24 V		62U003FF099EC
Evaporator unit for frigo 5000 R404A prepared for hot gas defrost. function 12 V		62U003FF125EC
Evaporator unit for frigo 5000 R404A prepared for hot gas defrost. function 24 V		62U003FF126EC
Hot gas defrost kit	2)	62U003AA133A
Hot gas defrost kit 24 V	2)	62U003AA144A
Hot gas "light" defrost kit for positive temperatures		62U003AA137A
Low pressure switch kit		62U003AA132A
Oil separator kit		62U003AA044A
Liquid flow tracer		62U003AA131A
Wiring resistor to defrost the condensate drain for negative temperatures		62U003AA143A
Controller programming tool		620682827A
New stand-by PS 1000 (60 A – 12 V) W/O accessories		62U006SB04E
New stand-by PS 1000 (60 A – 12 V) With accessories		62U006SB09D

As indicated by the order numbers, our transport refrigeration kits contain the following:

Scope of delivery

Transport refrigeration kit 621HD,

622HD...F

- Compressor
- Compressor installation kit
- Condenser with mount for front mounting
- Collector/dryer
- Pressure switch
- Cable harness
- Refrigerant lines and connections

Scope of delivery

Transport refrigeration kit 622HD...S

- Compressor
- Compressor installation kit
- Condenser with mount for underbody mounting
- Collector/dryer
- Pressure switch
- Cable harness
- Refrigerant lines and connections

Please note when ordering

- For above-freezing temperatures: evaporator with refrigerant R134a
- For freezing temperatures: evaporator with refrigerant R404A

Notes

- 1) Only for freezing temperatures (R404A), the kit contains an oil separator, cable resistor and thawing
- 2) Hot gas defrost kit -> thawing of the evaporator fins: for temperatures above 5 °C, the kit is optional, for temperatures below that it is obligatory; for temperatures between 0 °C and 5 °C, the kit is necessary, especially when the vehicle is in service for long periods or when the door is open.
- 3) For vehicles up to November 2010 with Euro 4 and with original compressor
- 4) Underbody condenser
- 5) Check in the connection instructions whether the engine block is suitable
- 6) Not for Euro 5 vehicles
- 7) Kit for vehicles with a radiator fan 62A01001A
- 8) Kit for vehicles with double radiator fan 62A01002A
- 9) Order underbody condenser kit for heavy duty applications 62A03966A separately