A WORLD OF COMFORT

Eberspächer



CLIMATE CONTROL SYSTEMS / PRODUCT INFORMATION

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Attention: These products are generally designed for off road applications such as construction machinery and agricultural equipment. These components may not comply with on road safety directives such as Federal Motor Vehicle Safety Standard (FMVSS) No. 305 and others directives. The obligation is on the user to verify the application and the standards required to make a compliant vehicle for on road applications.



1. AIR CONDITIONING – EVAPORATORS

Model

VAC	Blower and evaporator
HVAC	Blower, radiator and evaporator
EHVAC	Blower, PTC resistor and evaporator

Outlet panel

E	Without outlet panel
G	Grille
ED2	2-outlet panel
ED4	4-outlet panel
ED6	6-outlet panel
ED12	12-outlet panel
KB	Adjustable and closable outlets, rotating without the core
KC	Adjustable and closable outlets, rotating with the louver core
KG	Adjustable outlets with grid
FAI	Control unit and air outlets

VAC UNITS – HORIZONTAL






Compact EVO2 VAC

Model		E	ED4		KC	FAI	
Cooling performance	BTU/h (kW)	8,500 (2.5)					
Air flow	CFM (m^3/h)	135 (230)					
Electrical consumption	W	100					
Weight	lb (kg)	6.6 (3)	7.7 (3.5)		7.1 (3.2)	7.5 (3.4)	
Ventilation speed levels		3					
Dimensions l x w x h	in (mm)	7.7 x 11.1 x 5.2 (196 x 282 x 133)	9.5 x 11.1 x 5.2 (241 x 282 x 133)		8.3 x 11.1 x 5.2 (212 x 282 x 133)	10.6 x 11.1 x 5.2 (268 x 282 x 133)	
Compatible refrigerant		R134a / R1234yf					
Blower voltage	V	12	12	24	12	12	24
Part number		830012220000	830012220002	830012220511	830012220005	830012220003	830012220103

Antifreeze thermostat not included.

VAC UNITS – HORIZONTAL

Super K VAC






Model		E		E ETXV*	ED4		KC		G	
Cooling performance	BTU/h (kW)	13,600 (4)								
Air flow	CFM (m³/h)	259 (440)								
Electrical consumption	W	100								
Weight	lb (kg)	6.8 (3.1)	8.2 (3.7)	9 (4.1)	8.8 (4)		7.3 (3.3)		6.8 (3.1)	
Ventilation speed levels		3								
Dimensions l x w x h	in (mm)	8.5 x 14.5 x 5.4 (216 x 368 x 137)			10.5 x 14.5 x 5.4 (268 x 368 x 137)			9.8 x 14.5 x 5.4 (250 x 368 x 137)	8.7 x 14.5 x 5.4 (220 x 368 x 137)	
Compatible refrigerant		R134a / R1234yf								
Blower voltage	V	12	24	12	12	24	12	24	12	24
Part number		830012217010	830012217110	830012217019	830012217011	830012217111	830012217015	830012217115	830012217012	830012217112

Antifreeze thermostat included.
* Electrical thermal expansions valve integrated.
Mounting L brackets kit can be ordered separately if required: 231000402000

Kab VAC



Model		Kab VAC 4	
Cooling performance	BTU/h (kW)	13,600 (4)	
Air flow	CFM (m³/h)	100 (170)	
Electrical consumption	W	100	
Weight	lb (kg)	13.2 (6)	
Ventilation speed levels		3	
Dimensions l x w x h	in (mm)	5.4 x 23.2 x 5.2 (138 x 590 x 133)	
Compatible refrigerant		R134a / R1234yf	
Blower voltage	V	12	24
Part number		830012217122	830012217222

Antifreeze thermostat included.

EVAPORATORS

VAC UNITS – HORIZONTAL



Compact EVO4 VAC

Model	E ETXV	E ETXV* Ambulance	ED6 ETXV Ambulance
Cooling performance BTU/h (kW)	18,800 (5.5)		
Air flow CFM (m3/h)	283 (480)		
Electrical consumption W	171		
Weight lb (kg)	13.7 (6.2)		
Ventilation speed levels	3		
Dimensions l x w x h in (mm)	11 x 23.4 x 4.5 (279 x 595 x 114)		
Compatible refrigerant	R134a / R1234yf		
Blower voltage V	12		
Part number	830012222010	830012220512	830012220513

Antifreeze thermostat included.
* Electrical thermal expansions valve integrated.









Kool 2 VAC

Model	E		ED6		ED6 ETXV*	KC		FAI**	
Cooling performance BTU/h (kW)	19,400 (5.7)								
Air flow CFM (m3/h)	306 (520)								
Electrical consumption W	180								
Weight lb (kg)	9.7 (4.4)		10.6 (4.8)		11 (5)	10.6 (4.8)		11.7 (5.3)	
Ventilation speed levels	3								
Dimensions l x w x h in (mm)	10.3 x 15.1 x 6.2 (261 x 384 x 158)		12 x 15.1 x 6.2 (306 x 384 x 158)			11.5 x 15.1 x 6.2 (293 x 384 x 158)		12.2 x 18.7 x 6.2 (309 x 476 x 158)	
Compatible refrigerant	R134a / R1234yf								
Blower voltage V	12	24	12	24	24	12	24	12	24
Part number	830012212250	830012212350	830012212251	830012212351	830012212515	830012212204	830012212304	830012212252	830012212352

Antifreeze thermostat not included.
* Electrical thermal expansions valve integrated.
** Antifreeze thermostat included.
Mounting L brackets kit can be ordered separately if required: 231000401000

Falkon VAC






Model		E		E ETXV*	ED6		KC		FAI	
Cooling performance	BTU/h (kW)	30,700 (9)								
Air flow	CFM (m3/h)	427 (725)								
Electrical consumption	W	360								
Weight	lb (kg)	15.4 (7)	14.8 (6.7)	16.1 (7.3)	15.4 (7)	16.1 (7.3)	15.4 (7)		16.8 (7.6)	
Ventilation speed levels		3								
Dimensions l x w x h	in (mm)	11.7 x 17 x 6.6 (296 x 432 x 167)			13.4 x 17 x 6.6 (341 x 432 x 167)		12.9 x 17 x 6.6 (328 x 432 x 167)		13.2 x 19.6 x 6.6 (335 x 497 x 167)	
Compatible refrigerant		R134a / R1234yf								
Blower voltage	V	12	24	12		24	12	24	12	24
Part number		830012219010	830012219111	830012219045	830012219011	830012219111	830012219008	830012219108	830012219038	830012219138

Antifreeze thermostat included.
* Electrical thermal expansions valve integrated.
Mounting L brackets kit can be ordered separately if required: 231000403000

HK EV04 VAC




Model		E	KB
Cooling performance	BTU/h (kW)	36,500 (10.7)	
Air flow	CFM (m3/h)	765 (1,300)	
Electrical consumption	W	220	
Weight	lb (kg)	23.1 (10.5)	23.6 (10.7)
Ventilation speed levels		3	
Dimensions l x w x h	in (mm)	13.1 x 30.7 x 4.7 (334 x 780 x 120)	14.6 x 30.7 x 4.7 (371 x 780 x 120)
Compatible refrigerant		R134a / R1234yf	
Blower voltage	V	12	24	12
Part number		830012222002	830012222102	830012222004

Antifreeze thermostat not included.

EVAPORATORS

VAC UNITS – VERTICAL



VK3 VAC

Model		FAI	
Cooling performance	BTU/h (kW)	10,200 (3)	
Air flow	CFM (m3/h)	177 (300)	
Electrical consumption	W	125	
Weight	lb (kg)	11.7 (5.3)	13.9 (6.3)
Ventilation speed levels		3	
Dimensions l x w x h	in (mm)	7 x 6.8 x 21.9 (177 x 173 x 555)	
Compatible refrigerant		R134a / R1234yf	
Blower voltage	V	12	24
Part number		830012224003	830012224103

Antifreeze thermostat included.





VK9 VAC

Model		E rear outlet		FAI rear outlet	
Cooling performance	BTU/h (kW)	27,300 (8)		22,200 (6.5)	
Air flow	CFM (m3/h)	394 (670)		306 (520)	
Electrical consumption	W	300			
Weight	lb (kg)	13.4 (6.1)		12.8 (5.8)	
Ventilation speed levels		3			
Dimensions l x w x h	in (mm)	6.9 x 15.8 x 14.2 (174 x 401 x 360)			
Compatible refrigerant		R134a / R1234yf			
Blower voltage	V	12	24		24
Part number		830012225002	830012225102	830012225005	830012225105

Antifreeze thermostat included.

HVAC UNITS – HORIZONTAL



Super K HVAC

Model	E		ED4		KC		G		Box ED4	
Cooling performance BTU/h (kW)	11,900 (3.5)									
Heating performance BTU/h (kW)	14,700 (4.3)									
Air flow CFM (m3/h)	259 (440)									
Electrical consumption W	100									
Weight lb (kg)	7.3 (3.3)	8.4 (3.8)	7.5 (3.4)	8.4 (3.8)	9 (4.1)	8.6 (3.9)	8.8 (4)	10.1 (4.6)	11.7 (5.3)	
Water connection Ø in (mm)	.63 (16)									
Ventilation speed levels	3									
Dimensions l x w x h in (mm)	8.5 x 14.5 x 5.4 (216 x 368 x 137)		10.6 x 14.5 x 5.4 (268 x 368 x 137)		9.8 x 14.5 x 5.4 (250 x 368 x 137)		8.7 x 14.5 x 5.4 (220 x 368 x 137)		15.8 x 16.9 x 5.8 (402 x 429 x 147)	
Compatible refrigerant	R134a / R1234yf									
Blower voltage V	12	24	12	24	12	24	12	24	12	24
Part number	830012217000	830012217100	830012217001	830012217101	830012217014	830012217114	830012217002	830012217102	830012217016	830012217116

Antifreeze thermostat included.
Mounting L brackets kit can be ordered separately if required (not for box version): 231000402000



Kab HVAC

Model	Kab HVAC 3.5 / 4.3		Kab HVAC 4.5 / 6.6	
Cooling performance BTU/h (kW)	11,900 (3.5)		15,400 (4.5)	
Heating performance BTU/h (kW)	14,700 (4.3)		22,500 (6.6)	
Air flow CFM (m3/h)	100 (170)		156 (265)	
Electrical consumption W	100		180	
Weight lb (kg)	14.3 (6.5)	13.2 (6)	17.2 (7.8)	
Water connection Ø in (mm)	.63 (16)			
Ventilation speed levels	3			
Dimensions l x w x h in (mm)	5.4 x 23.2 x 15 (138 x 590 x 381)		6.3 x 23.2 x 15 (161 x 590 x 381)	
Compatible refrigerant	R134a / R1234yf			
Blower voltage V	12	24	12	24
Part number	830012217020	830012217120	830012212048	830012212148

Antifreeze thermostat included.

EVAPORATORS

HVAC UNITS — HORIZONTAL

Kool 2 HVAC








Model	E		ED6		KC		KC white	KG	FAI	
Cooling performance BTU/h (kW)	15,400 (4.5)									
Heating performance BTU/h (kW)	22,500 (6.6)									
Air flow CFM (m³/h)	306 (520)									
Electrical consumption W	180									
Weight lb (kg)	10.4 (4.7)	5.3 (2.4)	11 (5)		10.4 (4.7)	6.2 (2.8)	10.6 (4.8)	10.6 (4.8)	9.3 (4.2)	11.2 (5.1)
Water connection Ø in (mm)	.63 (16)									
Ventilation speed levels	3									
Dimensions l x w x h in (mm)	10.3 x 15.1 x 6.2 (261 x 384 x 158)		12 x 15.1 x 6.2 (306 x 384 x 158)		11.5 x 15.1 x 6.2 293 x 384 x 158				12.2 x 18.7 x 6.2 (309 x 476 x 158)	
Compatible refrigerant	R134a / R1234yf									
Blower voltage V	12	24	12	24	12	24	12	12	12	24
Part number	830012212200	830012212300	830012212201	830012212301	830012212203	830012212303	830012212206	830012212205	830012212202	830012212302

Antifreeze thermostat not included.
Mounting L brackets kit can be ordered separately if required: 231000401000






Falkon HVAC

Model	E		ED6		KC		KC white		FAI	
Cooling performance BTU/h (kW)	26,300 (7.7)									
Heating performance BTU/h (kW)	34,100 (10)									
Air flow CFM (m3/h)	427 (725)									
Electrical consumption W	360									
Weight lb (kg)	15.4 (7)		15.2 (6.9)		15.4 (7)	15 (6.8)	23.1 (10.5)		14.8 (6.7)	
Water connection Ø in (mm)	.63 (16)									
Ventilation speed levels	3									
Dimensions l x w x h in (mm)	11.7 x 17 x 6.6 (296 x 432 x 167)		13.4 x 17. x 6.6 (341 x 432 x 167)		12.9 x 17 x 6.6 (328 x 432 x 167)				13.2 x 19.6 x 6.6 (335 x 497 x 167)	
Compatible refrigerant	R134a / R1234yf									
Blower voltage V	12	24	12	24	12	24	12	24	12	24
Part number	830012219000	830012219100	830012219001	830012219101	830012219007	830012219107	830012219065	830012219108	830012219036	830012219136

Antifreeze thermostat included.
* Equipped with air flaps.
Mounting L brackets kit can be ordered separately if required (not for box version): 231000403000



Falkon Box HVAC

Model	E		ED6	
Cooling performance BTU/h (kW)	26,300 (7.7)			
Heating performance BTU/h (kW)	34,100 (10)			
Air flow CFM (m3/h)	427 (725)			
Electrical consumption W	NA			
Weight lb (kg)	NA			
Water connection Øin (mm)	NA			
Ventilation speed levels	3			
Dimensions l x w x h in (mm)	19.5 x 20.1 x 7.2 (495 x 510 x 183)			
Blower voltage V	12	24	12	24
Part number	830012031000	830012031003	830012031001	830012031101

EVAPORATORS

HVAC UNITS — HORIZONTAL

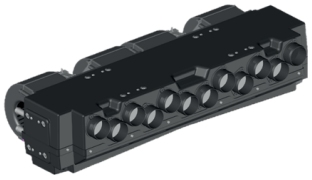





HK EV04 HVAC

Model		E		E ETXV*	KB	FAI Headliner
Cooling performance	BTU/h (kW)	29,300 (8.6)				
Heating performance	BTU/h (kW)	32,400 (9.5)				
Air flow	CFM (m3/h)	765 (1,300)				
Electrical consumption	W	220				
Weight	lb (kg)	21.6 (9.8)	21.4 (9.7)	22 (10)		49.4 (22.4)
Water connection	Ø in (mm)	0.63 (16)				
Ventilation speed levels		3				
Dimensions l x w x h	in (mm)	13.1 x 30.7 x 4.7 (334 x 780 x 120)			14.6 x 30.7 x 4.7 (371 x 780 x 120)	17.9 x 35.3 x 5.3 (454 x 897 x 135)
Compatible refrigerant		R134a / R1234yf				
Blower voltage	V	12	24	12		
Part number		830012222001	830012222101	830012222017	830012222009	830012222012

Antifreeze thermostat not included.



HK12 HVAC

Model	in (mm)	ED12 - 12 x Ø 2.17 (55)	
Cooling performance	BTU/h (kW)	33,400 (9.8)	
Heating performance	BTU/h (kW)	57,700 (16.9)	
Air flow	CFM (m3/h)	706 (1200)	
Electrical consumption	W	500	
Weight	lb (kg)	28.7 (13)	
Water connection	Øin (mm)	0.63 (16)	
Ventilation speed levels		3	
Dimensions l x w x h	in (mm)	14.8 x 31.9 x 6.9 (376 x 810 x 176.4)	
Blower voltage	V	12	24
Part number		830012226000	830012226100

HVAC UNITS – VERTICAL



VK3 HVAC

Model		FAI
Cooling performance	BTU/h (kW)	10,200 (3)
Heating performance	BTU/h (kW)	10,900 (3.2)
Air flow	CFM (m3/h)	178 (303)
Electrical consumption	W	125
Weight	lb (kg)	14.1 (6.4)
Ventilation speed levels		3
Dimensions l x w x h	in (mm)	7 x 6.8 x 21.9 (177 x 173 x 555)
Compatible refrigerant		R134a / R1234yf
Blower voltage	V	12
Part number		830012224001

Antifreeze thermostat included.





MK0 HVAC

Model		E		ED4	
Cooling performance	BTU/h (kW)	14,700 (4.3)			
Heating performance	BTU/h (kW)	11,300 (3.3)			
Air flow	CFM (m3/h)	256 (435)			
Electrical consumption	W	220			
Weight	lb (kg)	10.4 (4.7)	9.7 (4.4)	10.4 (4.7)	9.9 (4.5)
Water connection	Ø in (mm)	.63 (16)			
Ventilation speed levels		3			
Dimensions l x w x h	in (mm)	6.3 x 10.1 x 14.9 (160 x 257 x 378)		6.3 x 10.1 x 17.9 (160 x 257 x 455)	
Compatible refrigerant		R134a / R1234yf			
Blower voltage	V	12	24	12	24
Part number		830012219031	830012219131	830012219055	830012219191

Antifreeze thermostat not included.

EVAPORATORS

HVAC UNITS – VERTICAL





Kartel HVAC

Model		E	ED6	
Cooling performance	BTU/h (kW)	15,400 (4.5)		
Heating performance	BTU/h (kW)	20,800 (6.1)		
Air flow	CFM (m3/h)	218 (370)		
Electrical consumption	W	205		
Weight	lb (kg)	11 (5)	10.8 (4.9)	
Water Connection	Ø in (mm)	.63 (16)		
Ventilation speed levels		3		
Dimensions l x w x h	in (mm)	18.2 x 6.5 x 8.2 (463 x 166 x 209)	18.2 x 6.5 x 9.4 (463 x 166 x 239)	
Compatible refrigerant		R134a / R1234yf		
Blower voltage	V	12	12	24
Part number		830012200041	830012200040	830012200140

Antifreeze thermostat not included.







MK1 HVAC

Model		E		ED6		ED6*
Cooling performance	BTU/h (kW)	23,900 (7)				
Heating performance	BTU/h (kW)	26,600 (7.8)				
Air flow	CFM (m3/h)	412 (700)				
Electrical consumption	W	360				
Weight	lb (kg)	16.8 (7.6)	16.1 (7.3)	16.8 (7.6)	16.1 (7.3)	7.7 (3.5)
Water connection	Ø in (mm)	.63 (16)				
Ventilation speed levels		3				
Dimensions l x w x h	in (mm)	6.3 x 16.9 x 17.5 (160 x 428 x 444)		6.6 x 16.9 x 20.2 (167 x 428 x 514)		
Compatible refrigerant		R134a / R1234yf				
Blower voltage	V	12	24	12	24	12
Part number		830012219013	830012219113	830012219022	830012219122	830012219016

Antifreeze thermostat included.
*Without flap

VK9 HVAC






Model		E lateral outlet		E rear outlet		KC rear outlet		FAI rear outlet	
Cooling performance	BTU/h (kW)	27,300 (8)				22,200 (6.5)			
Heating performance	BTU/h (kW)	34,100 (10)				25,600 (7.5)			
Air flow	CFM (m3/h)	394 (670)				306 (520)			
Electrical consumption	W	300							
Weight	lb (kg)	11 (5)		14.6 (6.6)		15.4 (7)		16.3 (7.4)	
Water connection	Ø in (mm)	.63 (16)							
Ventilation speed levels		3							
Dimensions l x w x h	in (mm)	6.9 x 18.8 x 14.2 (174 x 478 x 360)		6.9 x 15.8 x 14.2 (174 x 402 x 360)		6.9 x 16.1 x 17.8 (174 x 408 x 453)			
Compatible refrigerant		R134a / R1234yf							
Blower voltage	V	12	24	12	24	12	24	12	24
Part number		830012225050	830012225150	830012225053	830012225153	830012225054	830012225154	830012225055	830012225155

Antifreeze thermostat included.

EVAPORATORS

EHVAC UNITS — HORIZONTAL



Super K EHVAC

Model		E			
Cooling performance	BTU/h (kW)	6,800 (2)			
Heating performance	BTU/h (kW)	6,800 (2)	13, 600 (4)		
PTC voltage	V	24	48 — 59	60 — 120	300 — 800
AC or DC		DC			
Air flow	CFM (m3/h)	200 (340)			
Electrical consumption (blower)	W	120			
Weight	lb (kg)	9 (4.1)			7.7 (3.5)
Ventilation speed levels		3			
Dimensions l x w x h	in (mm)	8.5 x 14.5 x 5.4 (216 x 368 x 137)			
Compatible refrigerant		R134a / R1234yf			
Blower voltage	V DC	24	12	12	12
Part number		830012239101	830012239005	830012239000*	830012239002*

Antifreeze thermostat included.
Mounting L brackets kit can be ordered separately if required: 231000402000
* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.



Super K EHVAC

Model		ED4				
Cooling performance	BTU/h (kW)	6,800 (2)				
Heating performance	BTU/h (kW)	6,800 (2)				
PTC voltage	V	24	48 — 59	60 — 120	300 — 800	300 — 800
AC or DC		DC				
Air flow	CFM (m3/h)	200 (340)				
Electrical consumption (blower)	W	120				
Weight	lb (kg)	9.3 (4.2)				
Ventilation speed levels		3				
Dimensions l x w x h	in (mm)	10.6 x 14.5 x 5.4 (268 x 368 x 137)				
Compatible refrigerant		R134a / R1234yf				
Blower voltage	V DC	24	12			24
Part number		830012239111	830012239015	830012239010*	830012239012*	830012239112*

Antifreeze thermostat included.
Mounting L brackets kit can be ordered separately if required: 231000402000
* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.





Kool 2 EHVAC

Model		E		ED6					
Cooling performance	BTU/h (kW)	19,400 (5.7)							
Heating performance	BTU/h (kW)	6,800 (2)	13,600 (4)	6,800 (2)	13,600 (4)				
PTC voltage	V	24	300-800	24	48 – 59		60 – 120	60 – 120	300 – 800
AC or DC		DC							
Air flow	CFM (m3/h)	306 (520)							
Electrical consumption (blower)	W	180							
Weight	lb (kg)	11.5 (5.2)	NA	11.9 (5.4)	10.6 (4.8)	11 (5)	10.6 (4.8)	11 (5)	12.1 (5.5)
Ventilation speed levels		3							
Dimensions l x w x h	in (mm)	10.3 x 15.1 x 6.2 (261 x 384 x 158)		12 x 15.1 x 6.2 (306 x 384 x 158)					
Compatible refrigerant		R134a / R1234yf							
Blower voltage	V DC	24			12	24	12	24	12
Part number		830012212504	830012212514*	830012212503	830012212519	830012212417	830012212507*	830012212407*	830012212406*

Antifreeze thermostat not included.
Mounting L brackets kit can be ordered separately if required: 231000401000
* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.





Falkon EHVAC

Model		E					ED6
Cooling performance	BTU/h (kW)	26,300 (7.7)					
Heating performance	BTU/h (kW)	10,200 (3)		20,500 (6)			
PTC voltage	V	60 – 120	60 – 120	350 – 480	550 – 800	300 – 800	
AC or DC		DC					
Air flow	CFM (m3/h)	427 (725)					
Electrical consumption blower	W	360					
Weight	lb (kg)	14.6 (6.6)	14.6 (6.6)	17 (7.7)		NA	NA
Ventilation speed levels		3					
Dimensions l x w x h	in (mm)	11.7 x 17 x 6.6 (297 x 432 x 167)					
Compatible refrigerant		R134a/R1234y					
Blower voltage	V DC	12	24			12	24
Part number		830012219175*	830012219165*	830012219340*	830012219343*	830012219073*	830012219179*

Antifreeze thermostat included.
Mounting L brackets kit can be ordered separately if required: 231000403000
* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.

EVAPORATORS

EHVAC UNITS — VERTICAL







MKO EHVAC

Model		E		ED4			ED4**
Cooling performance	BTU/h (kW)	14,700 (4.3)					
Heating performance	BTU/h (kW)	5,100 (1.5)	6,800 (2)			6,100 (1.8)	
PTC voltage	V	24	60 — 120	48 — 59	60 — 120	60 — 120	60 — 120
AC or DC		DC					
Air flow	CFM (m3/h)	265 (450)					
Electrical consumption (blower)	W	270	213		213	270	213
Weight	lb (kg)	11.2 (5.1)	10.8 (4.9)		11 (5)	10.8 (4.9)	12.3 (5.6)
Ventilation speed levels		3					
Dimensions l x w x h	in (mm)	6.3 x 12.8 x 14.9 (160 x 324 x 378)	6.3 x 12.9 x 14.9 (160 x 327 x 378)	6.3 x 12.8 x 17.8 (160 x 324 x 453)			
Compatible refrigerant		R134a / R1234yf					
Blower voltage	V DC	24	12		12	24	12
Part number		830012219150	830012219050	830012219052*	830012219320	830012219056*	830012219161*	830012219057*

Antifreeze thermostat not included.
* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.
** With filter and recycling flap.



VK9 EHVAC

Model	E lateral outlet							
Cooling performance BTU/h (kW)	22,200 (6.5)							
Heating performance BTU/h (kW)	13,600 (4)							
PTC voltage V	24		48 – 59		60 – 120		300 – 800	
AC or DC	DC							
Air flow CFM (m3/h)	377 (640)							
Electrical consumption (blower) W	220							
Weight lb (kg)	16.3 (7.4)							
Ventilation speed levels	3							
Dimensions l x w x h in (mm)	6.9 x 18.7 x 14.2 (174 x 476 x 360)							
Compatible refrigerant	R134a / R1234yf							
Blower voltage V DC	12	24	12	24	12	24	12	24
Part number	830012225200	830012225300	830012225201	830012225301	830012225202*	830012225302*	830012225203*	830012225303*

Antifreeze thermostat included.
* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.

ROOFTOP UNITS

Rooftop units specification

CPF	With compressor and charged with refrigerant
CPE	With compressor and not charged with refrigerant

VAC UNITS



Klimatop VAC

Model		Klimatop VAC	
Cooling performance	BTU/h (kW)	17,100 (5)	
Air flow	CFM (m3/h)	330 (560)	
Electrical consumption (blower)	W	150	
Weight	lb (kg)	17.2 (7.8)	
Ventilation speed levels		3	
Dimensions l x w x h	in (mm)	17.6 x 22.8 x 4.9 (448 x 580 x 125)	
Compatible refrigerant		R134a/R1234yf	
Blower voltage	V	12	24
Associated diffuser		830034007365 / 830034007366	830034007365 / 830034007367
Part number		830012216000	830012216100

Evaporator only.
More information about air diffusors see page 29.



RK4 VAC

Cooling performance	BTU/h (kW)	11,900 (3.5)	
Air flow	CFM (m3/h)	259 (440)	
Electrical consumption (blower)	W	210	
Weight	lb (kg)	47.4 (21.5)	
Ventilation speed levels		3	
Dimensions l x w x h	in (mm)	28.3 x 18.7 x 10.2 (720 x 475 x 259)	
Compatible refrigerant		R134a	
Blower voltage	V	12	24
Diffuser (included)		830034003121	830034003122
Part number		830012250500	830012250600

Evaporator / condenser assembly.
Compressor not included.
Air diffusion, control unit, pressure switch, receiver dryer and antifreeze thermostat included.

VAC UNITS



RK4 VAC CPE

Model		Manual temperature control						
Cooling performance	BTU/h (kW)	7,500 (2.2)	11,900 (3.5)					
Air flow	CFM (m3/h)	259 (440)						
Electrical consumption (blower)	W	210	200	210	200	210	200	210
Weight	lb (kg)	61.7 (28)						
Ventilation speed levels		3						
Dimensions l x w x h	in (mm)	28.3 x 18.7 x 10.2 (720 x 475 x 259)						
Compatible refrigerant		R134a						
Blower voltage	V	12	24	12	24	12	24	12
Compressor voltage	V	12	24	35 – 59	35 – 59	60 – 92	60 – 92	76 – 118
Controller voltage	V	12	24	12	24	12	24	12
Max. compressor power consumption	W	740	1,320					1,120
Diffuser (included)		830034003121	830034003122	830034003121	830034003122	830034003121	830034003122	830034003121
Electric installation kit		830070015583						
Part number		830012270003	830012270103	830012270306	830012270208	830012270212	830012270209	830012270222

Evaporator, condenser and electrical compressor assembly.
Full A/C loop.
Air diffusion, control unit, pressure switch, receiver dryer and antifreeze thermostat included.
Installation kit see page 29.



RK4 VAC CPF

Model		Manual temperature control							
Cooling performance	BTU/h (kW)	7,500 (2.2)	11,900 (3.5)						
Air flow	CFM (m3/h)	259 (440)							
Electrical consumption (blower)	W	210	200	210	200	210	200	210	200
Weight	lb (kg)	61.7 (28)							
Ventilation speed levels		3							
Dimensions l x w x h	in (mm)	28.3 x 18.7 x 10.2 (720 x 475 x 259)							
Compatible refrigerant		R134a							
Blower voltage	V	12	24	12	24	12	24	12	24
Compressor voltage	V	12	24	35 – 59		60 – 92		76 – 118	
Controller voltage	V	12	24	12	24	12	24	12	24
Max. compressor power consumption	W	740	1,360	1,320	1,320	1,320	1,320	1,120	1,120
Diffuser (included)		830034003121	830034003122	830034003121	830034003122	830034003121	830034003122	830034003121	830034003122
Electric installation kit		830070015583							
Part number		830012270000	830012270100	830012270303	830012270204	830012270210	830012270206	830012270202	830012270213

Evaporator, condenser and electrical compressor assembly.
Full A/C loop.
Air diffusion, control unit, pressure switch, receiver dryer and antifreeze thermostat included.
Installation kit see page 29.

ROOFTOP UNITS

VAC UNITS



RK7 VAC

Model		Manual temperature control Fluid output outward	
Cooling performance	BTU/h (kW)	20,500 (6)	
Air flow	CFM (m^3/h)	294 (500)	
Electrical consumption (blower)	W	250	
Weight	lb (kg)	52.9 (24)	
Ventilation speed levels		3	
Dimensions l x w x h	in (mm)	36.7 x 22.8 x 7.6 (932 x 580 x 192)	
Compatible refrigerant		R134a / R1234yf	
Blower voltage	V	12	24
Associated diffuser		830034017780	830034017780
Part number		830012290050	830012290150

Evaporator / condenser assembly.
Compressor not included.
Pressure switch, receiver dryer and antifreeze thermostat included.
More information about air diffusors see page 29.



RK9 VAC

Model		Manual temperature control Fluid output inward	
Cooling performance	BTU/h (kW)	23,900 (7)	
Air flow	CFM (m^3/h)	359 (610)	
Electrical consumption blower	W	325	
Weight	lb (kg)	52.9 (24)	
Ventilation speed levels		3	
Dimensions l x w x h	in (mm)	36.7 x 22.8 x 7.6 (932 x 580 x 192)	
Compatible refrigerant		R134a / R1234yf	
Blower voltage	V	12	24
Associated diffuser		830034017780	830034017780
Part number		830012281010	830012281110

Evaporator / condenser assembly.
Compressor not included.
Pressure switch, receiver dryer and antifreeze thermostat included.
More information about air diffusors see page 29.



RK9 VAC CPF

Model		Manual temperature control
Cooling performance	BTU/h (kW)	18,800 (5.5)
Air flow	CFM (m3/h)	359 (610)
Electrical consumption (blower)	W	325
Weight	lb (kg)	77.2 (35)
Ventilation speed levels		3
Dimensions l x w x h	in (mm)	43.3 x 22.8 x 9.8 (1,101 x 580 x 250)
Compatible refrigerant		R134a
Blower voltage	V	24
Compressor voltage	V	24
Controller voltage	V	24
Maximum compressor power consumption	W	1,360
Associated diffuser		830034017780
Part number		830012280102

Evaporator, condenser and electrical compressor assembly.
Full A/C loop.
Pressure switch, receiver dryer and antifreeze thermostat included.
Driven by a PCK3 unit or equivalent.
R134a prefilled.
Installation kit see page 29.
More information about air diffusors see page 29.



RK12 VAC

Model		Manual temperature control Fluid output inward	
Cooling performance	BTU/h (kW)	39,200 (11.5)	
Air flow	CFM (m3/h)	559 (950)	
Electrical consumption (blower)	W	650	
Weight	lb (kg)	110.2 (50)	
Ventilation speed levels		3	
Dimensions l x w x h	in (mm)	42.9 x 37 x 7 (1,090 x 940 x 179)	
Compatible refrigerant		R134a / R1234yf	
Blower voltage	V	12	24
Condenser dissipated power	BTU/h (kW)	47,800 (14)	
Associated diffuser		830034017011 / 830034003414	
Associated foam mounting kit		830034015009	
Part number		830012250001	830012250201

Evaporator / condenser assembly.
Compressor not included.
Pressure switch, receiver dryer and antifreeze thermostat included.
More information about air diffusors see page 29.

ROOFTOP UNITS

HVAC UNITS





Klimatop HVAC

Model		Klimatop HVAC		Klimatop HVAC rear outlet
Cooling performance	BTU/h (kW)	17,100 (5)		
Heating performance	BTU/h (kW)	20,500 (6)		
Air flow	CFM (m3/h)	330 (560)		
Electrical consumption (blower)	W	150		
Weight	lb (kg)	16.5 (7.5)	25.4 (11.5)	17.6 (8)
Water connection	Ø in (mm)	.63 (16)		
Ventilation speed levels		3		
Dimensions l x w x h	in (mm)	17.6 x 22.8 x 4.9 (448 x 580 x 125)		
Compatible refrigerant		R134a / R1234yf		
Blower voltage	V	12	24	12
Associated diffuser		830034007365 / 830034007366	830034007365 / 830034007367	830034007365 / 830034007366
Part number		830012216001	830012216101	830012216002

Evaporator only.
Antifreeze thermostat included.
More information about air diffusors see page 29.



RK7 HVAC

Model		Manual temperature control Fluid output outward	Manual temperature control Fluid output inward	Manual temperature control Fluid output outward
Cooling performance	BTU/h (kW)	20,500 (6)		
Heating performance	BTU/h (kW)	22,200 (6.5)		
Air flow	CFM (m^3/h)	294 (500)		
Electrical consumption (blower)	W	250		
Weight	lb (kg)	52.9 (24)		
Ventilation speed levels		3		
Dimensions l x w x h	in (mm)	36.7 x 22.8 x 7.6 (932 x 580 x 192)		
Compatible refrigerant		R134a / R1234yf		
Blower voltage	V	12		24
Associated diffuser		830034017780	830034017780	830034017780
Part number		830012290000	830012290001	830012290100

Evaporator / condenser assembly.
Compressor not included.
Pressure switch, receiver dryer and antifreeze thermostat included.
More information about air diffusors see page 29.



RK9 HVAC

Model		Manual temperature control Fluid output inward		Manual temperature control Fluid output outward		Automatic temperature control Fluid output inward		Automatic temperature control Fluid output outward	
Cooling performance	BTU/h (kW)	23,900 (7)							
Heating performance	BTU/h (kW)	28,000 (8.2)							
Air flow	CFM (m^3/h)	359 (610)							
Electrical consumption (blower)	W	325							
Weight	lb (kg)	52.9 (24)					60.6 (27.5)	52.9 (24)	
Water connection	Ø in (mm)	.63 (16)							
Ventilation speed levels		3				0-100			
Dimensions l x w x h	in (mm)	36.7 x 22.8 x 7.6 (932 x 580 x 192)							
Compatible refrigerant		R134a / R1234yf							
Blower voltage	V	12	24	12	24	12	24	12	24
Associated diffuser		830034017781	830034017781	830034017781	830034017781	830034017774	830034017774	830034017774	830034017774
Part number		830012281000	830012281100	830012281001	830012281101	830012281004	830012281104	830012281005	830012281105

Evaporator / condenser assembly.
Compressor not included.
Pressure switch, receiver dryer and antifreeze thermostat included.
More information about air diffusors see page 29.



RK12 HVAC

Model		Manual temperature control Fluid output inward	
Cooling performance	BTU/h (kW)	39,200 (11.5)	
Heating performance	BTU/h (kW)	51,200 (15)	
Air flow	CFM (m^3/h)	559 (950)	
Electrical consumption (blower)	W	650	
Weight	lb (kg)	110.2 (50)	
Water connection	Ø in (mm)	.63 (16)	
Ventilation speed levels		3	
Dimensions l x w x h	in (mm)	42.9 x 37 x 7 (1,090 x 940 x 179)	
Compatible refrigerant		R134a / R1234yf	
Blower voltage	V	12	24
Condenser dissipated power	BTU/h (kW)	47,800 (14)	
Associated diffuser		830034017011 / 830034003414	
Associated foam mounting kit		830034015009	
Part number		830012250003	830012250203

Evaporator / condenser assembly.
Compressor not included.
Pressure switch, receiver dryer and antifreeze thermostat included.
More information about air diffusors see page 29.

ROOFTOP UNITS

EHVAC UNITS



RK9 EHVAC CPF

Model				
		Manual temperature control		
Cooling performance	BTU/h (kW)	18,800 (5.5)	20,500 (6)	
Heating performance	BTU/h (kW)	6,800 (2)	20,500 (6)	
Air flow	CFM (m^3/h)	312 (530)		
Electrical consumption (blower)	W	325		
Weight	lb (kg)	77.2 (35)	15.4 (7)	80.5 (36.5)
Ventilation speed levels		3		
Dimensions l x w x h	in (mm)	43.3 x 22.8 x 9.8 (1,101 x 580 x 250)		
Compatible refrigerant		R134a		
Blower voltage	V	24	12	24
Compressor voltage	V	24	300 – 450	400 – 750
PTC voltage	V	24	300 – 450	400 – 750
Compressor input signal control		NA	CAN	CAN
Maximum compressor power consumption	W	1,360	2,209	
Part number		830012280146	830012280052*	830012280153*

Evaporator, condenser and electrical compressor assembly.
Full A/C loop.
Pressure switch, receiver dryer and antifreeze thermostat included.
Driven by a PCK3 unit or equivalent.
R134a prefilled.
More information about air diffusors see page 29.
* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.

AIR DISTRIBUTION BOXES FOR ROOFTOP UNITS





Klimatop

Control unit		No	Yes	
Dimensions l x w x h	in (mm)	14.8 x 17.6 x 1.6 (375 x 447 x 40)	14.8 x 17.6 x 2.3 (375 x 447 x 58)	
Fixing type		Screw		
Controller voltage	V	NA	12	24
Part number		830034007365	830034007366	830034007367



RK4

Control unit		Yes	
Dimension l x w x h	in (mm)	3.3 x 15.7 x 13.4 (85 x 398 x 340)	
Weight	lb (kg)	2.2 (1)	
Blower voltage	V	12	24
Part number		830034003121	830034003122



Electric installation set

Model		RK4 CPE/CPF Installation set
Weight	lb (kg)	6 (2.7)
Part number		830070015583

ROOFTOP UNITS

AIR DISTRIBUTION BOXES FOR ROOFTOP UNITS

RK7/9





Model	Without control unit	PCK2	PCK3		
Control unit	No	Yes			
Function	NA	HVAC			HV
Automatic or manual	NA	Auto	Manual		
Ventilation control (3 speeds or 0-100%)	NA	0 – 100	3	0 – 100	
Water temperature control	NA	Proportional	Manual		
PTC heater control	NA				NA
Air recycling control	NA			Yes	
A/C control	NA	Yes			No
Defrosting control	NA	Yes	No		
Type On-Off / 4 positions	NA		4 positions		
Fixing type	Screw				
Dimensions l x w x h in (mm)	2 x 17.3 x 19.9 (50 x 440 x 505)				
Weight lb (kg)	2.9 (1.3)	3.7 (1.7)			
Controller voltage V	NA	12/24	12/24	24	12/24
Part number	830034017759	830034017774	830034017781	830034017773	830034017780

RK12/14




Model	RK12*	RK12/14 white**
Control unit	No	
Dimensions l x w x h in (mm)	17.8 x 27.6 x 2.9 (452 x 702 x 74)	23.9 x 31.2 x 3.5 (606 x 792 x 89)
Weight lb (kg)	1.1 (0.5)	6.4 (2.9)
Connector (PAP duct)	No	Yes
Fixing type	Screw	
Part number	830034017011	830034003414

* Without air recycling.
** With two air recycling grilles and filter.

HEAT PUMP UNITS



Breezonic Performance VAC with Heat Pump

Model		BREEZONIC PERFORMANCE HP (heat pump)	BREEZONIC PERFORMANCE PLUS HP (heat pump)
Voltage		110 - 120 V AC (60 Hz)	
Cooling performance	BTU/h	13,500	15,000
Heating performance	BTU/h	13,200	14,700
Weight unit	lb (kg)	70.5 (32.0)	78.3 (35.5)
Current consumption (cooling)	A	10.0	12.9
Current consumption (heating)	A	9.3	10.2
Max. air flow	CFM (m^3/h)	380 (646)	410 (697)
Dimensions roof unit l x w x h	in (mm)	41.4 x 27.5 x 9.8 (1,051 x 698 x 250)	
Dimensions interior unit l x w x h	in (mm)	19.8 x 19.0 x 1.8 (503 x 482 x 45)	
Hatch roof opening l x w	in (mm)	14.25 x 14.25 (360 x 360)	
Roof thickness	in (mm)	1.0 - 6.7* (25 - 170*)	
Operating temperature	°F (°C)	19.4 to 125.6 (-7 to 52)	
Maximum angle of operation	°	10 (all directions)	
Refrigerant		R32	
Communication interfaces		CI-Bus, RV-C, Bluetooth (app), Infrared (remote control)	
Control unit options		Mobile App, control panel on device, remote control (optional), Easystart Touch (HMI) (optional), customer HMI through RV-C (optional)	
Part number [PN] unit		290218410011 (white shroud) OR 290218410013 (black shroud)	290218410012 (white shroud) OR 290218410014 (black shroud)
PN remote control (optional)		290248270001	
PN EasyStart Touch (HMI) (optional)		290248270020 (with harness) / 290248270017 (without harness)	

Pre-filled all-in-one-system with integrated electrical compressor (variable speed, inverter technology, twin piston).
Available operation modes: cooling, heating, auto, ventilation, de-humidification, turbo, night, eco.
Interior unit must be purchased separately, either Air Distribution Box (ADB) for non-ducted applications or Return Air Grill (RAG) for ducted applications.
PN = Part number
* maximum 6.0 in (152 mm) on curved/ribbed roofs with foam gasket used.

AIR DISTRIBUTION BOX (ADB) AND RETURN AIR GRILL (RAG) FOR BREEZONIC PERFORMANCE



Breezonic Performance & Performance Plus

Model		Breezonic interior unit (Performance & Performance Plus)
Control unit		Touch Screen Panel
Dimensions l x w x h	in (mm)	19.8 x 19 x 1.8 (503 x 482 x 45)
Weight	lb (kg)	6.8 (3.1)
Fixing type		Screw
Part number ADB *		290218110005 (white) OR 290218110006 (black)
Part number RAG *		290218110007 (white)

* Air Distribution Box (ADB) is for non-ducted applications.
** Return Air Grille (RAG) is for ducted applications.
Includes dimmable LED lighting.

ROOFTOP UNITS

PARKING COOLERS FOR TRUCKS





		COOLTRONIC 1000 G2.5 SLIM HATCH	COOLTRONIC 1000 G2.5 HATCH MAN VERSION
Cooling performance	BTU/h (W)	3,100 (910) (ISO 5151)	3,100 (910) (ISO 5151)
Refrigerant		R134a (CFC-free), pre-filled	R134a (CFC-free), pre-filled
Voltage (DC)	V	24	24
Fan settings		5	5
Max. fan output*	CFM (m^3/h)	412 (700)	412 (700)
Electrical consumption	A	9 (min.) – 17.7 (max.)	9 (min.) – 17.7 (max.)
Air output	CFM (m^3/h)	118 (200), on fan setting 5 (system)	118 (200), on fan setting 5 (system)
Battery protection		Standard double protection	Standard double protection
Weight	lb (kg)	55.1 (25)	61.7 (28)
Dimensions l x w x h	in (mm)	29.1 x 31 x 4.8** (740 x 788 x 122**)	41.7 x 31.1 x 5.7*** (1,059 x 790 x 146***)
Part number		810000070000	810000160001

* Static pressure | ** With base plate M | *** Vehicle-specific installation kit up to MY 2019/from MY 2020 required for installation
Vehicle-specific installation kit required for installation (on request)
Pre-filled all-in-one-system with integrated electrical compressor



		COOLTRONIC 1400 G3 HATCH	COOLTRONIC 1400 G3 SLIM HATCH
Cooling performance	BTU/h (W)	4,100 (1,214) (ISO 5151)	4,500*** (1,314***) (ISO 5151)
Refrigerant		R134a (CFC-free), pre-filled	R134a (CFC-free), pre-filled
Voltage (DC)	V	24	24
Fan settings		5	5
Max. fan output*	CFM (m^3/h)	471 (800)	571 (970)
Electrical consumption	A	10.1 (min.) – 16.7 (max.)	8.9 (min.) – 16.7 (max.)
Air output	CFM (m^3/h)	135 (229), on fan setting 5 (system)	154** (261**), on fan setting 5 (system)
Battery protection		Standard double protection	Standard double protection
Weight	lb (kg)	64.8 (29.4)	67.2 (30.5)
Dimensions l x w x h	in (mm)	29.1 x 32.5 x 8.2** (740 x 826 x 208**)	35.3 x 34.4 x 4.6*** (897 x 874 x 116***)
Part number		810000221500	810000221400

* Static pressure | ** With base plate M | *** Manual mode
Universal or vehicle-specific installation kit required for installation (on request)
Pre-filled all-in-one-system with integrated electrical compressor

PARKING COOLERS FOR TRUCKS



COOLTRONIC 1600 G3 HATCH

Cooling performance BTU/h (W)	5,500 (1,600)			
Refrigerant	R134a (CFC-free), pre-filled		R1234yf (CFC-free), pre-filled	
Voltage (DC) V	12	24	12	24
Fan settings	4 (Turbo/High/Middle/Low)			
Dimensions l x w x h in (mm)	Exterior: 33.5 x 25.6 x 6.6 (850 x 650 x 168) Interior: 14.0 x 14.6 x 5.7 (355 x 370 x 145)			
Electrical consumption A	50	25	50	25
Technology	Inverter with variable speed & dual-cylinder compressor / soft ramp-up			
Weight lb (kg)	70.5 (32.0)	68.8 (31.2)	70.5 (32.0)	68.8 (31.2)
Maximum airflow CFM (m^3/h)	177 (300)			
Part Number	290218420003***	290218420001***OR 290218420101****	290218420007***	290218420005***
Universal Installation kits*	290280030098 OR 290280030099 (inc. brackets)	290280030096 OR 290280030097 (inc. brackets)	290280030098 OR 290280030099 (inc. brackets)	290280030096 OR 290280030097 (inc. brackets)
RV / Van Installation kit **	290280030092			

* The Universal Installation kits include gaskets, interior console, cable and other installation accessories. See part numbers above for kits without and with brackets.
** The RV / Van Installation kit include foam gasket for curved/ribbed roofs, smaller interior console, smaller brackets and other installation accessories (not included power harness).
*** Internal routing electric cable.
**** External routing electric cable.



COOLTRONIC 2000 G3 HATCH

Cooling performance BTU/h (W)	6,800 (2,000)			
Refrigerant	R134a (CFC-free), pre-filled		R1234yf (CFC-free), pre-filled	
Voltage (DC) V	12	24	12	24
Fan settings	4 (Turbo/High/Middle/Low)			
Dimensions l x w x h in (mm)	Exterior: 33.5 x 25.6 x 6.6 (850 x 650 x 168) Interior: 14.0 x 14.6 x 5.7 (355 x 370 x 145)			
Electrical consumption A	65	35	65	35
Technology	Inverter with variable speed & dual-cylinder compressor / soft ramp-up			
Weight lb (kg)	70.5 (32.0)	68.8 (31.2)	70.5 (32.0)	68.8 (31.2)
Maximum airflow CFM (m^3/h)	177 (300)			
Part Number	290218420003**	290218420001** OR 290218420101***	290218420007**	290218420005**
Universal Installation kits*	290280030073 OR 290280030074 (inc. brackets)	290280030071 OR 290280030072 (inc. brackets)	290280030073 OR 290280030074 (inc. brackets)	290280030071 OR 290280030072 (inc. brackets)
RV / Van Installation kit	2902800300920**			

* The Universal Installation kits include gaskets, interior console, cable and other installation accessories. See part numbers above for kits without and with brackets.
** The RV / Van Installation kit include foam gasket for curved/ribbed roofs, smaller interior console, smaller brackets and other installation accessories (not included power harness).
*** Internal routing electric cable.
**** External routing electric cable.

ROOFTOP UNITS

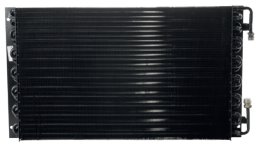
VEHICLE SPECIFIC INSTALLATION KITS – MANUFACTURER AND MODEL OVERVIEW

MAKE	MODEL	EURO-STAN-DARD	CAB	COOLTRONIC 1400 G3 HATCH 81 0000 22 15 00	COOLTRONIC 1000 G2.5 SLIM HATCH 81 0000 07 00 00	COOLTRONIC 1400 G3 SLIM HATCH 81 0000 22 14 00	COOLTRONIC 1000 G2.5 SLIM HATCH MAN 81 0000 16 00 01
				ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.
Mercedes-Benz	Actros MP5 (Roof option D8N)	Euro 6	L-Cab GigaSpace**	–	81 0000 07 00 06****	81 0000 21 00 02	–
		Euro 6	L-Cab StreamSpace, BigSpace	–	81 0000 07 00 06****	81 0000 21 00 02	–
	Actros MP4 (Chassis WDB963)	Euro 6	GigaSpace**	81 0000 09 00 14**	81 0000 07 00 02****	81 0000 02 00 08	–
	Actros MP5 (Roof option D8M)	Euro 6	StreamSpace, BigSpace, ClassicSpace	81 0000 09 00 14	81 0000 07 00 02****	81 0000 02 00 08	–
	Actros MP3*	Euro 5	All Cabins	81 0000 09 00 02	–	–	–
	Atego	Euro 6	ClassicSpace	81 0000 09 00 03	–	–	–
		Euro 6	BigSpace	81 0000 09 00 04	–	81 000 0100 29 (ohne Spoiler)	–
	Axor Turkey	Euro 5	L-Cab high roof from 2011	81 0000 09 00 04	–	81 000 0100 29	–
MAN	TGX	Euro 5 / 6	XLX (with Spoiler)	–	–	–	83 0000 16 00 02
		Euro 5 / 6	XLX (without Spoiler)	81 0000 09 00 12	81 0000 07 00 03****	81 0000 02 00 01	–
		Euro 5 / 6	XXL**				
		Euro 6	GM, TM, GN/TN (with Spoiler)	–	–	–	81 0000 16 00 03
	TGA	Euro 5 / 6	XL (without Spoiler)	81 0000 09 00 12	–	–	–
		Euro 5 / 6	XLX (without Spoiler)		81 0000 07 00 03****	–	–
		Euro 5 / 6	XXL**		81 0000 07 00 03****	81 0000 02 00 01	–
DAF	XF (105/106)	Euro 5 / 6	Space Cab / Super Space Cab	81 0000 09 00 11	–	81 0000 01 00 13	–
Renault	T ab 2013	Euro 6	High Sleeper Cab/ Sleeper Cab (withuot roof spoiler)	81 0000 09 00 10	81 0000 07 00 04*****	81 0000 01 00 20	–
Scania	New Gen. R, S	Euro 6	with Spoiler*	81 0000 09 00 13**	81 0000 07 00 05****	81 0000 11 00 01	–
		Euro 6	with Spoiler	81 0000 09 01 14 Additional panel to be ordered separately for vehicles with mechanical roof hatch			–
	P, R/G Streamline***	Euro 5 / 6	Normal, Topline, Highline	81 0000 02 00 06	81 0000 07 00 01****	81 0000 01 00 12	–
IVECO	Stralis	Euro 5 / 6	All Cabins	81 0000 09 00 08	–	81 0000 01 00 19	–
Volvo	FH/FH12/FH16	Euro 5 / 6	L2H2 Manual Hatch	81 0000 09 00 07	–	–	–
		Euro 5	L2H3 Electric Hatch	81 0000 09 00 08	–	–	–
Ford	F-MAX H625	Euro 6	All cabins	–	81 0000 07 00 07****	81 0000 21 00 01	–

* With electric roof hatch
** Observe max. vehicle height (wheel/tyre combiation can be a factor)
*** Not suitable for latest generation (e.g., New R)
**** Including base plate M (740 x 788 x 122)
***** After the item no. 81 0000 07 00 04 is sold out, replacement item no. 81 0000 07 10 00

CONDENSERS

CONDENSER PLATES



Condenser TA

Dimensions l x w x h in (mm)	14 x 24.4 x 1.8 (355 x 620 x 46)
Weight lb (kg)	8.2 (3.7)
Compatible refrigerant	R134a / R1234yf
Part number	830034083000



Condenser PF

Dimensions l x w x h in (mm)	13.7 x 16.7 x 0.9 (348 x 425 x 22)	15.7 x 9.8 x 0.7: (400 x 250 x18)	13.7 x 21.2 x 0.9 (348 x 539 x 22)	11.9 x 16.7 x 0.9 (303 x 425 x 22)	11.9 x 21.3 x 1 (303 x 540 x 26)	11.9 x 21.7 x 0.9 (303 x 550 x 22)	17.6 x 26.3 x 0.9 (446 x 669 x 22)	8.5 x 22.2 x 1.0 (217 x 564 x 26)
Weight lb (kg)	3.3 (1.5)	3.3 (1.5)	4.4 (2)	3.1 (1.4)	4.9 (2.2)	4 (1.8)	6.8 (3.1)	3.5 (1.6)
Compatible refrigerant	R134a / R1234yf							
Part number	830034083104	830034083008	830034083016	830034083103	830034083107	830034083101	830034083102	830034083077



Condenser PF with integrated drier filter

Dimensions l x w x h in (mm)	12 x 10.2 x 1.1 (306 x 259 x 28)	17.7 x 14.8 x 1.0 (450 x 377 x 26)	8.5 x 21.2 x 1.0 (217 x 539 x 26)
Weight lb (kg)	3.5 (1.6)	6 (2.7)	4 (1.8)
Compatible refrigerant	R134a / R1234yf		
Part number	830034083106	830034083105	830034083076

CONDENSERS

VENTILATED CONDENSERS

Ventilated condenser specification

xS	Single fan
xD	Double fan
xT	Triple fan

Kondor






Model	5S		6S		7.5S	7.5D	
Condenser dissipated power BTU/h (kW)	17,100 (5)		20,500 (6)		25,600 (7.5)		
Electrical consumption W	90		120		110	230	
Weight lb (kg)	8.2 (3.7)		9.5 (4.3)		10.1 (4.6)	11.5 (5.2)	
Dimensions l x w x h in (mm)	12.6 x 16.9 x 5.9 (320 x 430 x 149)		12.6 x 21.5 x 4.7 (320 x 547 x 119)		14.3 x 21.5 x 4.8 (362 x 545 x 121)	12.7 x 26.7 x 4.4 (322 x 677 x 112)	
Compatible refrigerant	R134a / R1234yf						
Blower voltage V	12	24	12	24	12	12	24
Receiver dryer	Yes	No					
Pressure switch	No						
Part number	830012300041	830012300141	830012300027	830012300127	830012300026	830012300025	830012300125

Kondor with hermetically sealed-electrical connector






Model	6T		6T		7.5S	7.5D
Condenser dissipated power BTU/h (kW)	22,200 (6.5)				25,600 (7.5)	
Electrical consumption W	185				110	230
Weight lb (kg)	16.1 (7.3)				10.1 (4.6)	11.5 (5.2)
Dimensions l x w x h in (mm)	9.1 x 27.6 x 4.9 (230 x 700 x 125)				14.3 x 21.5 x 4.8 (362 x 545 x 121)	12.7 x 26.7 x 4.4 (322 x 677 x 112)
Compatible refrigerant	R134a / R1234yf					
Blower voltage V	12	24	12	24	24	12
Receiver dryer	No		Yes		No	
Pressure switch	No		No		No	
Part number	830012300053	830012300153	830012300052	830012300152	830012300126	830012300028

* not hermetically sealed

Kondor with hermetically sealed-electrical connector





Model	10S		10D		14D		15D	
Condenser dissipated power BTU/h (kW)	34,100 (10)		35,800 (10.5)		47,800 (14)		51,200 (15)	
Electrical consumption W	225				230			
Weight lb (kg)	17.6 (8)	11.9 (5.4)	19.2 (8.7)				26.9 (12.2)	
Dimensions l x w x h in (mm)	12.7 x 26.7 x 4.4 (322 x 677 x 112)				18 x 31.2 x 4.7 (458 x 793 x 120)		18.6 x 35.8 x 5.5 (473 x 909 x 140)	
Compatible refrigerant	R134a / R1234yf							
Blower voltage V	12	24	12	24	12	24	12	24
Receiver dryer	Yes				No		Yes	
Pressure switch	No						Yes*	
Part number	830012300042	830012300128	830012300051	830012300151	830012300023	830012300123	830012300050	830012300150

* Trinary pressure switch with three steps: low, medium and high pressure sensor.

CONDENSERS

CONDENSER UNITS



Power K Horizontal

Cooling performance BTU/h (kW)	7,500 (2.2)	13,600 (4)	10,200 (3)			
Electrical consumption blower W	90					
Weight lb (kg)	45.9 (20.8)	43 (19.5)	37.5 (17)	43.2 (19.6)	44.1 (20)	
Ventilation speed levels	1					
Dimensions l x w x h in (mm)	7.9 x 18 x 23.5 (200 x 458 x 598)					
Compatible refrigerant	R134a					
Blower voltage V	12	24	12		24	
Compressor voltage AC or DC	DC					
Compressor voltage V	12	24	35 – 59	60 – 92		
Controller voltage V	12/24					
Input signal control	ON/OFF					
Maximum compressor power consumption W	820	1,500	1,320			
Part number	830012600002	830012600102	830012600208	830012600201	830012600204	

Pressure switch included.
Receiver dryer included.



Power K Vertical

Cooling performance BTU/h (kW)	7,500 (2.2)	13,600 (4)		10,200 (3)	13,600 (4)	
Electrical consumption blower W	90					
Weight lb (kg)	44.3 (20.1)	45.9 (20.8)	37.9 (17.2)	44.1 (20)	48.5 (22)	NA
Ventilation speed levels	1					
Dimensions l x w x h in (mm)	7.9 x 18 x 23.5 (200 x 458 x 598)					
Compatible refrigerant	R134a					
Blower voltage V	12	24	12	24	12	24
Compressor voltage AC or DC	DC					
Compressor voltage V	12	24	35 – 59	35 – 59	60 – 92	
Controller voltage V	12 / 24					
Input signal control	ON / OFF					
Maximum compressor power consumption W	820	1,500	1,320			
Part number	830012600001	830012600101	830012600210	830012600200	830012600211	830012600212

Pressure switch included.
Receiver dryer included.



Power K Reverse

Cooling performance	BTU/h (kW)	7,500 (2.2)	13,600 (4)	
Electrical consumption blower	W		90	
Weight	lb (kg)	37.9 (17.2)	37.7 (17.1)	37.9 (17.2)
Ventilation speed levels			1	
Dimensions l x w x h	in (mm)	8 x 22.3 x 17.5 (204 x 566 x 445)		7.9 x 18 x 23.5 (200 x 458 x 598)
Compatible refrigerant		R134a / R1234yf		R134a
Blower voltage	V	12	24	12
Compressor voltage AC or DC			DC	
Compressor voltage	V	12	24	35 – 59
Controller voltage	V		12 / 24	
Input signal control			ON / OFF	
Maximum compressor power consumption	W	820	1,500	1,200
Part number		830012600207	830012600209	830012600206

Pressure switch included.
Receiver dryer included.

COMPRESSORS

BELT DRIVEN APPLICATIONS





K Compressors

Model		K0060	K0090
Weight	lb (kg)	9.5 (4.3)	10.6 (4.8)
Dimensions l x w x h	in (mm)	4.1 x 5.9 x 5.7 (104 x 150 x 146)	4.9 x 6.5 x 5.7 (124 x 164 x 146)
Compatible refrigerant		R134a	
Controller voltage	V	12	
Pulley diameter Ø and groove G		1 G-118-SPZ	
Type of connection		O-ring	Clamp
Orientation of connection	H/V	V	
Rotation		Clockwise	
Displacement	CC	63	96
Associated flange kit		830070001099	830070001200
Part number		830070008311	830070008022



S7H15

Weight	lb (kg)	15.9 (7.2)	17.6 (8)	17 (7.7)	16.5 (7.5)	15.9 (7.2)	17.6 (8)
Dimensions l x w x h	in (mm)	4.9 x 8.3 x 5.2 (124 x 211 x 132)					
Compatible refrigerant		R134a					
Controller voltage	V	12		24	12		24
Pulley diameter Ø and groove G		2 G-132-SPA					
Type of connection		O-ring			Rotolock		
Orientation of connection	H/V	H	V		H	V	H
Rotation		Clockwise					
Displacement	CC	155					
Part number		830070008010	830070008003	830070008103	830070008006	830070008001	830070008100

TM16

Weight	lb (kg)	17.9 (8.1)	
Dimensions l x w x h	in (mm)	9.7 x 4.9 x 4.9 (246 x 124 x 124)	8.8 x 4.9 x 5.0 (223 x 124 x 126)
Compatible refrigerant		R134a	
Controller voltage	V	12	
Pulley diameter Ø and groove G		2 G-123-POLY V8	
Type of connection		O-ring	
Orientation of connection	H/V	V	H
Rotation		Clockwise	
Displacement	CC	163	
Part number		830070008126	830070008131

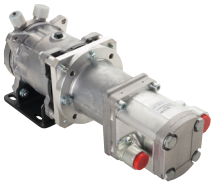


SD7B10

Model		Trapezoid with 2 grooves
Weight	lb (kg)	11 (5)
Dimensions l x w x h	in (mm)	4.5 x 6.9 x 6.7 (115 x 175.2 x 169)
Compatible refrigerant		R134a
Controller voltage	V	12
Pulley diameter Ø and groove G		2 G-115-SPA
Type of connection		Clamp
Orientation of connection	H/V	H
Rotation		Clockwise
Displacement	CC	99.8
Associated flange kit		830070001104
Part number		830070008200

COMPRESSORS

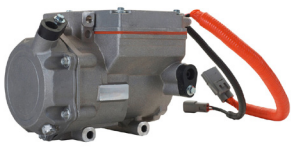
HYDRAULIC DRIVEN APPLICATIONS



7H15

Weight lb (kg)	26.5 (12)
Dimensions l x w x h in (mm)	6.4 x 15.3 x 6.0 (162 x 388 x 153)
Compatible refrigerant	R134a
Flow gpm (l/min)	16-17 (60 – 65)
Pressure bar	12
Part number	830070012201

ELECTRICALLY DRIVEN APPLICATIONS



SH

Cooling performance BTU/h (kW)	7,500 (2.2)			8,500 (2.5)
Weight lb (kg)	12.3 (5.6)	12.3 (5.6)	12.1 (5.5)	12.3 (5.6)
Dimensions l x w x h in (mm)	5.3 x 8.1 x 6.1 (135 x 207 x 155)	6.1 x 8.1 x 6.1 (154 x 205 x 155)	5.3 x 8.1 x 6.1 (135 x 205 x 155)	5.3 x 8.1 x 6.1 (135 x 207 x 155)
Compatible refrigerant	R134a / R1234yf			
Compressor voltage V	12	40 – 95	35 – 65	76 – 118
Input signal control	3 steps			
Maximum compressor power consumption W	1,200	1,100	1,200	
Displacement CC	18			
Associated flange kit	830070001250	830070001250	830070001250	830070001250
Part number	830070008320	830070008322	830070008359	830070008329

DC current.
Rotation clockwise.



SH

Cooling performance BTU/h (kW)	13,600 (4.0)	15,700 (4.6)		20,500 (6.0)		21,600 (6.32)
Weight lb (kg)	13.2 (6)	13 (5.9)	13.9 (6.3)	NA	NA	12.3 (5.6)
Dimensions l x w x h in (mm)	5.3 x 8.1 x 6.1 (135 x 207 x 155)		5.3 x 8.2 x 6.1 (135 x 208 x 155)	8.0 x 6.1 x 4.8 (204 x 155 x 123)	7.9 x 6.1 x 4.8 (200 x 155 x 122)	4.8 x 8.0 x 6.1 (123 x 203 x 155)
Compatible refrigerant	R134a / R1234yf					
Compressor voltage V	24	35 – 65	58 – 92	50 - 95	80 - 120	115 – 130
Input signal control	3 steps			3 steps		
Maximum compressor power consumption W	2,200		2,100	NA	NA	2,330
Displacement CC	24	27	34	28		28
Associated flange kit	830070001250	830070001250	830070001250	NA	NA	830070001250
Part number	830070008321	830070008337	830070008341	830070008832	830070008834	830070008342

DC current.
Rotation clockwise.



SH

Cooling performance BTU/h (kW)	15,700 (4.6)	18,100 (5.3)	20,500 (6.0)	19,800 (5.8)		37,500 (11)		40,900 (12)
Weight lb (kg)	13.9 (6.3)	12.6 (5.7)	NA	15.9 (7.2)	13.7 (6.2)	19 (8.6)		16.3 (7.4)
Dimensions l x w x h in (mm)	5.3 x 8.1 x 6.1 (135 x 207 x 155)	4.8 x 8.0 x 6.1 (123 x 204 x 155)	7.9 x 6.1 x 4.8 (200 x 155 x 122)	11.2 x 6.9 x 5.2 (284 x 175 x 132)	5.0 x 11.1 x 6.8 (127 x 282 x 172)	12.1 x 6.9 x 5.5 (307 x 175 x 139)	12.0 x 6.8 x 5.5 (305 x 172 x 140)	10.6 x 9.1 x 6.9 (270 x 232 x 175)
Compatible refrigerant	R134a / R1234yf							R134a
Compressor voltage V	220 – 425	78 – 120		200 - 420	400 – 750	200 – 420	400 – 750	500 - 900
Controller voltage V	12		NA	9 – 36				12 / 24
Input signal control	PWM			CAN				
Maximum compressor power consumption W	2,200		NA	5,800		NA		
Orientation of connection H/V	H	NA						V
Displacement CC	18		28	34	18	50	50	52
Associated flange kit	830070001250	830070001250	NA		830070001367	NA		830070001474
Part number	830070008364	830070008343	830070008266	830070008333	830070008339	830070008350	830070008348	830070008846

DC current.
Rotation clockwise.

PRESSURIZATION

PRESSURIZATION SYSTEM



K Protec Pressurization Box

Air flow	CFM (m^3/h)	18-53 (30-90)	
Electrical consumption	W	50	
Weight	lb (kg)	13.4 (6.1)	13 (5.9)
Dimensions l x w x h	in (mm)	13.2 x 20.8 x 4.3 (336 x 529 x 109)	
Blower voltage	V	12	24
Filter type category		2	
Pressure regulation		Mechanical	Mechanical
Part number		830012170001	830012170101

Evaporator: vertical or horizontal H/V
Standard: EN 15695
Controller: Kanbox

AIR FILTERS



Model		Class 2 air filter	Class 4 air filter - EN15695
Weight	lb (kg)	3.3 (1.5)	NA
Dimensions l x w x h	in (mm)	19.7 x 3.9 x 4.3 (500 x 100 x 110)	
Part number		830034070240	830034070256

OVERPRESSURE FLAPS





Model	Uncalibrated overpressure flap	Calibrated overpressure flap
Dimensions l x w x h in (mm)	5.1 x 4.3 x 1.2 (130 x 110 x 30)	5.4 x 6.8 x 1.2 (137 x 173 x 31)
Part number	830034008058	830034008068

LEAK GENERATOR



Model	Adjustable shutter – leak generator
Cutout size in (mm)	2.2 (55)
Fixing type	Screw
Connector (PAP duct)	Yes
Associated parts	Kaledonia range
Dimensions l x w x h in (mm)	2.4 x 3.0 x 0.9 (61 x 77 x 23)
Part number	830034008069

PRESSURIZATION

STANDARD KIT - K PROTEC MODULAR



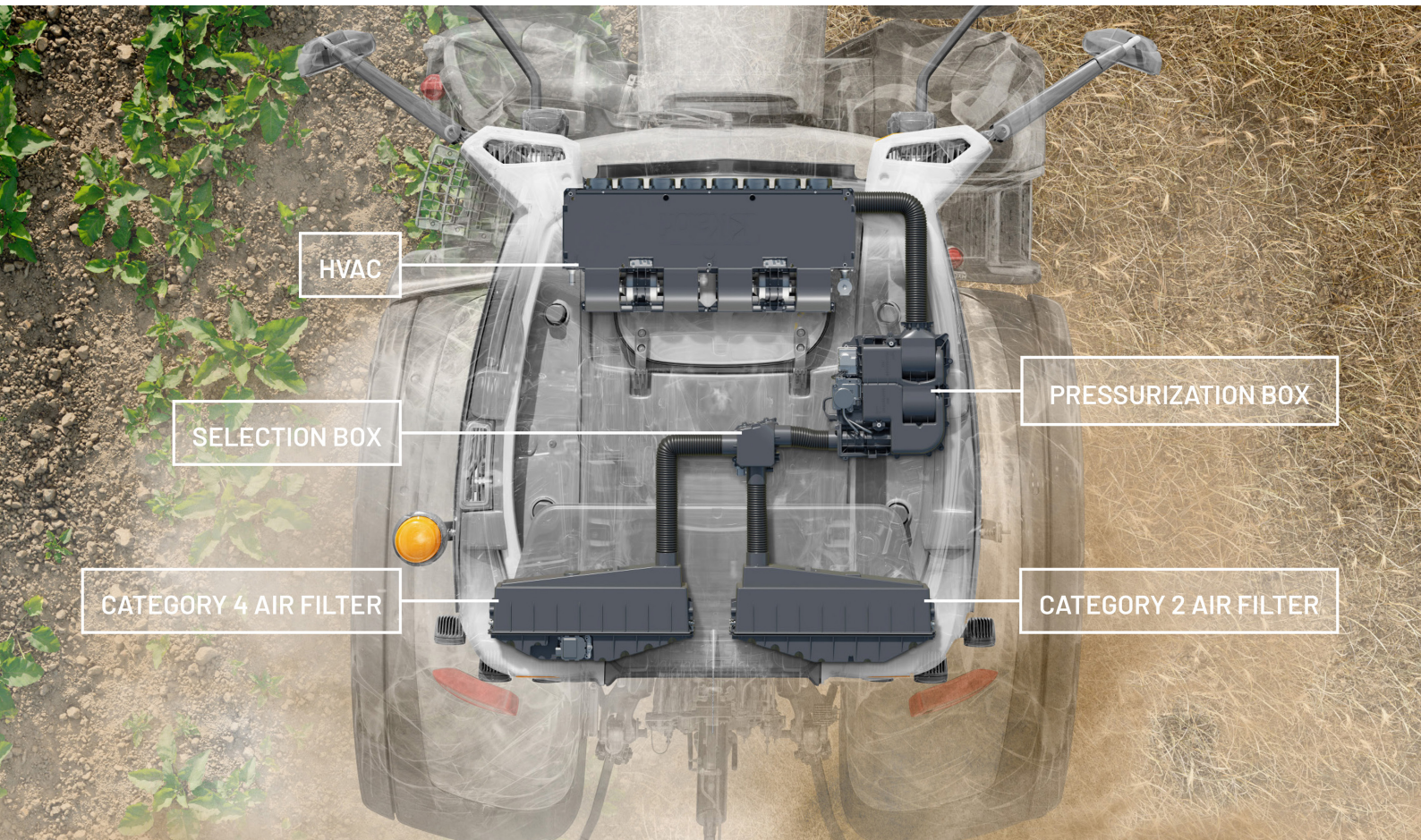
Standard Kit K Protec Modular CAT2/CAT4

Model		Standard Kit K Protec Modular CAT2/CAT4	
Input Voltage	V	12	24
Part number		830012172002	830012172102



Standard Kit K Protec Modular CAT4

Model		Standard Kit K Protec Modular CAT4	
Input Voltage	V	12	24
Part number		830012172003	830012172103



2. VEHICLE SPECIFIC KITS – HVAC/VAC FOR VANS

The new Van- Kit is designed for use on all commercial vehicles, including utility & cargo vehicles, minibuses and midibuses, and comprises a basic kit, an adapter kit and an optional controller. The Kit is also ideal for use by any vehicle body builders who convert standard vans into special vehicles. Instructions can of course also be provided for the installation of HVAC (including heating function) and VAC solutions (without heating). The basic kit is ordered by product type (Falkon, Kool 2 or HK EV04), whilst the adapter kit is selected by vehicle type, and the operating device options are shown further below.







1. Basic Kits

Model	Falkon HVAC	Falkon VAC	Kool 2 HVAC	Kool 2 VAC	HK EV04 HVAC	HK EV04 VAC
Part number	830070025744	830070025545	830070025745	830070025547	830070025746	830070025549

The Basic Kits include evaporator (shown above), and other installation components (shown below), such as water pump (only for HVAC), hoses, sleeves, hose connectors/fittings, among other.





2. Adapter Kits

Model	Mercedes Sprinter (W907)	Ford Transit, Custom (V363/V362)	Peugeot Boxer, Fiat Ducato, Citroën Jumper (X2-50)	Renault Master, Nissan NV400 (X62)	Iveco Daily	RAM Promaster	VW Crafter, Man TGE (SY/SZ)
Part number	830070001431	830070001432	830070001433	830070001434	830070001435	830070001480	830070001436

The Adapter Kits include adapter block and fittings.



3. Operating Devices (delivered with wiring harness)

Model	PCK3 VAC	PCK3 HVAC	PCK0 for Ambulace
Part number	830034030650	830034030651	830070003035

The Operating Devices include control panel and harness.



3. BLOWER HEATERS

Model

HV	Blower and water radiator
EHV	Blower and PTC resistor

Outlet panel

E	Without outlet panel
G	Grille
ED1	1-outlet panel
ED2	2-outlet panel
ED4	4-outlet panel
KC	Adjustable and closable outlets, rotating with the louver core
FAI	Control unit and air outlets

WATER BLOWER HEATERS



Silencio HV1

Model		Silencio HV1
Heating performance	W	900 W ±10%
Air flow		53 (90)
Electrical consumption	W	NA
Weight	lb (kg)	3.2 (1.45)
Water connection	Ø in (mm)	.63 (16)
Ventilation speed levels		3
Dimensions l x w x h	in (mm)	5.9 x 7.4 x 5.5 (150 x 188 x 139)
Part number Silencio HV1		830012042504
Part number Proportional Valve 12V Ø 16mm		830034050029
Part number Manual Control		830034015824 + 830034017953 (knob support plate - optional)
Part number Kanbox (automatic control)		830060010033*

* Consult Sales and technical team for implementation. Might required additionally temperature probe 830070011037.







Interface elements	ø 90 mm (3.54 in) Inlet / Outlet	4 x ø 55 mm (2.17 in) Outlet	Grid Inlet / Outlet
Part number	830034017893	830034017898	830034017894

Alizé 2 HV






Model		E		ED1	ED2		ED4	
Heating performance	BTU/h (kW)	11,600 (3.4)						
Air flow	CFM (m^3/h)	129 (220)						
Electrical consumption	W	70						
Weight	lb (kg)	3.1 (1.4)			4 (1.8)	3.7 (1.7)		3.3 (1.5)
Water connection	Ø in (mm)	.63 (16)						
Ventilation speed levels		3						
Dimensions l x w x h	in (mm)	7.4 x 6.9 x 5.2 (189 x 175 x 132)		8.5 x 6.9 x 5.2 (215 x 175 x 132)	8.4 x 6.9 x 5.2 (214 x 175 x 132)		8.4 x 6.9 x 5.2 (214 x 175 x 132)	
Blower voltage	V	12	24	12	12	24	12	24
Part number		830012014300	830012014400	830012014308	830012014307	830012014407	830012014302* 830012014312**	830012014402

* 2.2 in (55 mm) Ø
** 2.0 in (50 mm) Ø

Alizé 2 VI HV



Model		FAI	
Heating performance	BTU/h (kW)	11,600 (3.4)	
Air flow	CFM (m^3/h)	129 (220)	
Electrical consumption	W	45	
Weight	lb (kg)	6.6 (3)	6.6 (3)
Water connection	Ø in (mm)	.63 (16)	
Ventilation speed levels		3	
Dimensions l x w x h	in (mm)	5.7 x 7.7 x 12.9 (146 x 196 x 328)	
Blower voltage	V	12	24
Part number		830012014301	830012014401

WATER BLOWER HEATERS



MK0 HV

Model		E
Heating performance	BTU/h (kW)	13,600 (4.0)
Air flow	CFM (m^3/h)	265 (450)
Electrical consumption blower	W	125
Weight	lb (kg)	NA
Ventilation speed levels		3
Dimensions l x w x h	in (mm)	15 x 11.4 x 6.3 (380 x 289 x 160)
Blower voltage	V DC	12
Part number		830012019007

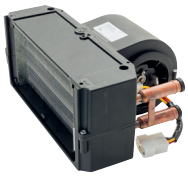


Kosto 2 HV

Model		G
Heating performance	BTU/h (kW)	13,000 (3.8)
Air flow	CFM (m^3/h)	129 (220)
Electrical consumption	W	20
Weight	lb (kg)	4.9 (2.2)
Water connection	Ø in (mm)	.63 (16)
Ventilation speed levels		2
Dimensions l x w x h	in (mm)	14.2 x 4.9 x 4.9 (360 x 125 x 125)
Blower voltage	V	12
Part number		830012023001

Brushless motor included.

Compact EV01 HV





Model		E		ED1		ED4	
Heating performance	BTU/h (kW)	14,700 (4.3)					
Air flow	CFM (m^3/h)	135 (230)					
Electrical consumption	W	70					
Weight	lb (kg)	3.3 (1.5)		3.7 (1.7)		3.3 (1.5)	3.7 (1.7)
Water connection	Ø in (mm)	.63 (16)					
Ventilation speed levels		3					
Dimensions l x w x h	in (mm)	7.4 x 10 x 4.5 (189 x 255 x 114)		10 x 10 x 4.5 (254 x 255 x 114)		9.1 x 10 x 4.5 (232 x 255 x 114)	
Blower voltage	V	12	24	12	24	12	24
Part number		830012032000	830012032100	830012032015	830012032115	830012032001	830012032101

Compact EV01 HV





Model		G		KC		FAI	
Heating performance	BTU/h (kW)	14,700 (4.3)					
Air flow	CFM (m^3/h)	135 (230)					
Electrical consumption	W	70					
Weight	lb (kg)	3.5 (1.6)	3.7 (1.7)	3.3 (1.5)	3.7 (1.7)	4.4 (2)	4.9 (2.2)
Water connection	Ø in (mm)	.63 (16)					
Ventilation speed levels		3					
Dimensions l x w x h	in (mm)	7.5 x 10 x 4.5 (190 x 255 x 114)		8.1 x 10 x 4.5 (205 x 255 x 114)		11.8 x 11 x 4.5 (299 x 280 x 114)	
Blower voltage	V	12	24	12	24	12	24
Part number		830012032002	830012032102	830012032013	830012032113	830012032003	830012032103

WATER BLOWER HEATERS

Compact EVO2 HV






Model		E		ED1	ED4		ED4*
Heating performance	BTU/h (kW)	17, 700 (5.2)					
Air flow	CFM (m^3/h)	206 (350)					
Electrical consumption	W	100					
Weight	lb (kg)	4.9 (2.2)		4.9 (2.2)		5.5 (2.5)	6.2 (2.8)
Water connection	Ø in (mm)	.63 (16)					
Ventilation speed levels		3					
Dimensions l x w x h	in (mm)	7.7 x 10.7 x 4.5 (196 x 273 x 114)		10.2 x 10.7 x 4.5 (260 x 273 x 114)	9.5 x 10.7 x 4.5 (241 x 273 x 114)		9.5 x 10.7 x 4.5 (241 x 273 x 114)
Blower voltage	V	12	24	12	12	24	12
Part number		830012027001	830012027101	830012027015	830012027002	830012027102	830012027009

* Equipped with 3- lap outlet.

Compact EVO2 HV





Model		G		KC		FAI
Heating performance	BTU/h (kW)	17,700 (5.2)				
Air flow	CFM (m^3/h)	206 (350)				
Electrical consumption	W	100				
Weight	lb (kg)	5.1 (2.3)		5.7 (2.6)		7.1 (3.2)
Water connection	Ø in (mm)	.63 (16)				
Ventilation speed levels		3				
Dimensions l x w x h	in (mm)	7.8 x 10.7 x 4.5 (197 x 273 x 114)		8.3 x 10.7 x 4.5 (211 x 273 x 114)		12.3 x 13.1 x 4.5 (312 x 332 x 114)
Blower voltage	V	12	24	12	24	12
Part number		830012027006	830012027106	830012027013	830012027113	830012027010



Silencio 2 HV

Model		G			
Heating performance	BTU/h (kW)	18,800 (5.5)			
Air flow	CFM (m^3/h)	147 (250)			
Electrical consumption	W	16			
Weight	lb (kg)	3.5 (1.6)		2.4 (1.1)	4.4 (2)
Water connection	Ø in (mm)	.63 (16)		.87 (22)	
Ventilation speed levels		2			
Dimensions l x w x h	in (mm)	5.1 x 12.6 x 6 (129 x 321 x 152)			
Blower voltage	V	12	24	12	12
Part number		830012014030	830012014130	830012014038	830012014138

Brushless motor included.







Super K HV

Model		E		ED4		Box ED4	
Heating performance	BTU/h (kW)	25,900 (7.6)				25,600 (7.5)	
Air flow	CFM (m^3/h)	294 (500)					
Electrical consumption	W	100					
Weight	lb (kg)	6.8 (3.1)				9.3 (4.2)	
Water connection	Ø in (mm)	.63 (16)					
Ventilation speed levels		3					
Dimensions l x w x h	in (mm)	8.5 x 14.5 x 5.4 (216 x 368 x 137)		10.6 x 14.5 x 5.4 (268 x 368 x 137)		8.5 x 14.5 x 5.4 (216 x 368 x 137)	
Blower voltage	V	12	24	12	24	12	24
Part number		830012026006	830012026102	830012026001	830012026101	830012026009	830012026109

Mounting L brackets kit can be ordered separately if required (not for box version): 231000402000

WATER BLOWER HEATERS

Super K HV





Model		G		KC	
Heating performance	BTU/h (kW)	25,900 (7.6)			
Air flow	CFM (m^3/h)	294 (500)			
Electrical consumption	W	100			
Weight	lb (kg)	6.4 (2.9)			
Water connection	Ø in (mm)	.63 (16)			
Ventilation speed levels		3			
Dimensions l x w x h	in (mm)	8.7 x 14.5 x 5.4 (220 x 368 x 137)		9.8 x 14.5 x 5.4 (250 x 368 x 137)	
Blower voltage	V	12	24	12	24
Part number		830012026000	830012026100	830012026008	830012026108

Mounting L brackets kit can be ordered separately if required: 231000402000

KAB HV



Model		KAB HV 7.6	
Heating performance	BTU/h (kW)	25,900 (7.6)	
Air flow	CFM (m^3/h)	100 (170)	
Electrical consumption	W	100	
Weight	lb (kg)	12.6 (5.7)	11 (5)
Water connection	Ø in (mm)	.63 (16)	
Ventilation speed levels		3	
Dimensions l x w x h	in (mm)	15 x 23.2 x 5.1 (380 x 589 x 130)	
Blower voltage	V	12	24
Part number		830012026011	830012026111

With integrated air diffusion and control unit.

Kool 2 HV






Model		E		ED6		KC		FAI
Heating performance	BTU/h (kW)	34,100 (10)						
Air flow	CFM (m^3/h)	306 (520)						
Electrical consumption	W	180						
Weight	lb (kg)	8.6 (3.9)	8.8 (4)	9.5 (4.3)		9.7 (4.4)		9.5 (4.3)
Water connection	Ø in (mm)	.63 (16)						
Ventilation speed levels		3						
Dimensions l x w x h	in (mm)	10.3 x 15.1 x 6.2 (261 x 384 x 158)		12 x 15.1 x 6.2 (306 x 384 x 158)		11.5 x 15.1 x 6.2 (293 x 384 x 158)		12.2 x 18.7 x 6.2 (309 x 476 x 158)
Blower voltage	V	12	24	12	24	12	24	24
Part number		830012012200	830012012300	830012012201	830012012301	830012012203	830012012303	830012012302

Mounting L brackets kit can be ordered separately if required: 231000401000

Falkon HV



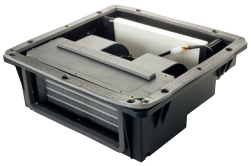


Model		E		ED6		KC	
Heating performance	BTU/h (kW)	50,500 (14.8)					
Air flow	CFM (m^3/h)	427 (725)					
Electrical consumption	W	360					
Weight	lb (kg)	11.9 (5.4)		12.1 (5.5)		11 (5)	12.3 (5.6)
Water connection	Ø in (mm)	.63 (16)					
Ventilation speed levels		3					
Dimensions l x w x h	in (mm)	11.7 x 17 x 6.6 (296 x 432 x 167)		13.4 x 17 x 6.6 (341 x 432 x 167)		12.9 x 17 x 6.6 (328 x 432 x 167)	
Blower voltage	V	12	24	12	24	12	24
Part number		830012029000	830012029100	830012029001	830012029101	830012029007	830012029107

Mounting L brackets kit can be ordered separately if required (not for box version): 231000403000

WATER BLOWER HEATERS

Falkon Box HV





Model		E	ED6
Heating performance	BTU/h (kW)	50,500 (14.8)	
Air flow	CFM (m^3/h)	427 (725)	
Electrical consumption	W	360	
Weight	lb (kg)	15.4 (7)	
Water connection	Ø in (mm)	.63 (16)	
Ventilation speed levels		3	
Dimensions l x w x h	in (mm)	19.5 x 20.1 x 6.8 (495 x 510 x 173)	
Blower voltage	V	12	
Part number		830012031000	830012031003

* Sealed product.

NEW ELECTRIC BLOWER HEATER



E-Airtronic EHV1 110 V

Model		E-Airtronic EHV1 110 V
Heating performance	BTU/h (kW)	3,400 (1)
Voltage (PTC)	V	110 V AC / 50-60 Hz
Voltage (Fan)	V	12 V DC
Air flow	CFM (m3/h)	59 (100)
Currant max. (Heating/PTC)	A	9
Weight	lb (kg)	3.2 (1.45)
Ventilation speed levels		Stepless
Dimensions l x w x h	in (mm)	8.1 x 7.8 x 5.5 (207 x 199 x 139)
PTC voltage	V AC	110
Part number E-Airtronic		830012042004
Part number KANBOX (automatic control)		830060010033*
Part number Manual Control		830034015814 + 830034017953 (knob support plate - optional)

* Consult Sales and technical team for implementation. Might required additionally temperature probe 830070011037.







Interface elements	ø 90 mm (3.54 in) Inlet / Outlet	4 x ø 55 mm (2.17 in) Outlet	Grid Inlet / Outlet*
Part number	830034017893	830034017898	830034017894*

* Consult Sales and technical team for application.

ELECTRIC BLOWER HEATERS



Minikelec EHV

Model		FAI		
Heating performance	BTU/h (kW)	1,400 (0.42)	2,600 (0.75)	3,100 (0.9)
Air flow	CFM (m^3/h)	41 (70)		
Electrical consumption (blower)	W	8		
Weight	lb (kg)	2.4 (1.1)	2.2 (1)	3.3 (1.5)
Ventilation speed levels		1		
Dimensions l x w x h	in (mm)	3.1 x 8.6 x 4.8 (80 x 219 x 122)		
Blower voltage	V DC	12	24	12
PTC voltage	V	12	24	48
Part number		830012030330	830012030320	830012030310

Brushless motor included.



Kelec EV01 EHV

Model		E							
Heating performance	BTU/h (kW)	2,900 (0.85)	4,100 (1.2)	5,800 (1.7)				4,100 (1.2)	5,800 (1.7)
Air flow	CFM (m³/h)	135 (230)							
Electrical consumption (blower)	W	50							
Weight	lb (kg)	3.3 (1.5)		3.5 (1.6)					
Ventilation speed levels		3							
Dimensions l x w x h	in (mm)	7.4 x 10 x 4.5 (189 x 255 x 114)							9.3 x 10 x 4.5 (237 x 255 x 114)
Blower voltage	V DC	24	12				24		48
PTC voltage	V	80	24	80	48	60-120	230	48	24	48
Part number		830012033610*	830012033100	830012033300*	830012033200	830012033305*	830012033312*	830012033500	830012033400	830012033700

* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.



Kelec EV01 EHV

Model		ED4							
Heating performance	BTU/h (kW)	2,000 (0.6)	2,900 (0.85)		4,100 (1.2)	5,800 (1.7)		4,100 (1.2)	5,800 (1.7)
Air flow	CFM (m³/h)	135 (230)							
Electrical consumption blower	W	50							
Weight	lb (kg)	3.5 (1.6)	3.7 (1.7)	3.3 (1.5)	3.7 (1.7)	3.3 (1.5)	3.7 (1.7)		
Ventilation speed levels		3							
Dimensions l x w x h	in (mm)	9.3 x 10 x 4.5 (237 x 255 x 114)							
Blower voltage	V DC	24	12		24	12	12	12	24	24
PTC voltage	V	24	48	80	12	48	80	230	24	80
Part number		830012033411	830012033211	830012033311*	830012033101	830012033201	830012033301*	830012033801*	830012033401	830012033601*

* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.

ELECTRIC BLOWER HEATERS



Kelec EV01 EHV

Model		G		
Heating performance	BTU/h (kW)	2,900 (0.85)	5,800 (1.7)	4,100 (1.2)
Air flow	CFM (m^3/h)			135 (230)
Electrical consumption blower	W		50	
Weight	lb (kg)	3.1 (1.4)	3.3 (1.5)	3.5 (1.6)
Ventilation speed levels			3	
Dimensions l x w x h	in (mm)		7.5 x 10 x 4.5 (190 x 255 x 114)	
Blower voltage	V DC	12	24	24
PTC voltage	V	80	80	24
Part number		830012033302*	830012033602*	830012033402

* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.





Kelec EV02 EHV

Model		E			ED4				
Heating performance	BTU/h (kW)	5,800 (1.7)	6,100 (1.8)		2,900 (0.85)			5,800 (1.7)	
Air flow	CFM (m^3/h)	206 (350)							
Electrical consumption blower	W	100							
Weight	lb (kg)	5.3 (2.4)	5.5 (2.5)	6.2 (2.8)	5.5 (2.5)	3.3 (1.5)			
Ventilation speed levels		3							
Dimensions l x w x h	in (mm)	7.7 x 10.7 x 4.5 (196 x 273 x 114)			9.6 x 10.7 x 4.5 (244 x 273 x 114)				
Blower voltage	V DC	12	12	24	12	12	12	12	24
PTC voltage	V	80	48	60 – 120	48	48 – 59	60-120	80	
Part number		830012034600*	830012034200	830012034500*	830012034211	830012034321	830012034311*	830012034301*	830012034601*

* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.






Kelec EV02 EHV

Model		ED4		E		ED4				G
Heating performance	BTU/h (kW)	4,100 (1.2)		5,100 (1.5)			5,800 (1.7)		6,100 (1.8)	5,800 (1.7)
Air flow	CFM (m^3/h)	206 (350)								
Electrical consumption (blower)	W	100								
Weight	lb (kg)	5.5 (2.5)	5.7 (2.6)	5.3 (2.4)		5.5 (2.5)		5.3 (2.4)	NA	5.5 (2.5)
Ventilation speed levels		3								
Dimensions l x w x h	in (mm)	9.6 x 10.7 x 4.5 (244 x 273 x 114)		7.7 x 10.7 x 4.5 (196 x 273 x 114)		9.6 x 10.7 x 4.5 (244 x 273 x 114)				7.8 x 10.7 x 4.5 (198 x 273 x 114)
Blower voltage	V DC	12	12	12	24	12	24	12	24	
PTC voltage	V	48	120	24	24	24	24	80	80	40-59	24
Part number		830012034201	830012034401*	830012034100	830012034400	830012034101	830012034404	830012034201*	830012030601*	830012034511	830012034405

* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.

ELECTRIC BLOWER HEATERS



Alizé 2 EHV

Model		E					
Heating performance	BTU/h (kW)	6,100 (1.8)					
Air flow	CFM (m^3/h)	124 (210)					
Electrical consumption blower	W	45					
Weight	lb (kg)	3.1 (1.4)	NA	3.3 (1.5)	6.6 (3)	3.3 (1.5)	
Ventilation speed levels		3					
Dimensions l x w x h	in (mm)	7.4 x 6.9 x 5.2 (189 x 175 x 132)					
Blower voltage	V DC	12	12	24	12	24	12
PTC voltage	V	48	60 – 120		80	80	96
Part number		830012036001	830012036007*	830012036105*	830012036003*	830012036112*	830012036005*

* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.





Alizé 2 EHV

Model		E		ED4		
Heating performance	BTU/h (kW)	6,100 (1.8)				
Air flow	CFM (m^3/h)	124 (210)				
Electrical consumption blower	W	45				
Weight	lb (kg)	4 (1.8)	3.3 (1.5)	3.3 (1.5)	4.4 (2)	3.7 (1.7)
Ventilation speed levels		3				
Dimensions l x w x h	in (mm)	7.4 x 6.9 x 5.2 (189 x 175 x 132)		8.5 x 6.9 x 5.2 (215 x 175 x 132)		
Blower voltage	V DC	12	24	12	12	12
PTC voltage	V	300	120	48	80	96
Part number		830012036015*	830012036107*	830012036008	830012036108*	830012036009*

* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.



Alizé 2 VI EHV

Model		FAI						
Heating performance	BTU/h (kW)	6,100 (1.8)						
Air flow	CFM (m^3/h)	124 (210)						
Electrical consumption blower	W	45						
Weight	lb (kg)	4.4 (2)	6.6 (3)	4.4 (2)	6.8 (3.1)		4.4 (2)	6.8 (3.1)
Ventilation speed levels		3						
Dimensions l x w x h	in (mm)	5.7 x 8.3 x 13 (146 x 212 x 329)						
Blower voltage	V DC	12	12	24	12	24	12	24
PTC voltage	V	48	80		96		120	
Part number		830012036000	830012036002*	830012036102*	830012036004*	830012036104*	830012036006*	830012036106*

* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.



MK0 EHV

Model		E
Heating performance	BTU/h (kW)	6,100 (1.8)
Air flow	CFM (m^3/h)	265 (450)
Electrical consumption blower	W	125
Weight	lb (kg)	NA
Ventilation speed levels		3
Dimensions l x w x h	in (mm)	15 x 10.2 x 6.3 (380 x 260 x 160)
Blower voltage	V DC	12
PTC voltage	V	60 - 120
Part number		830012019006*

* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply

ELECTRIC BLOWER HEATERS

Kool 2 EHV





Model		E				ED6	
Heating performance	BTU/h (kW)	13,600 (4)	6,800 (2)	13,600 (4)			
Air flow	CFM (m^3/h)	306 (520)					
Electrical consumption blower	W	180					
Weight	lb (kg)	9.7 (4.4)	11 (5)	NA	11.9 (5.4)	10.6 (4.8)	NA
Ventilation speed levels		3					
Dimensions l x w x h	in (mm)	10.3 x 15.1 x 6.1 (261 x 384 x 156)				12 x 15.1 x 6.1 (306 x 384 x 156)	
Blower voltage	V DC	12	24	12	24	12	24
PTC voltage	V	350 – 750 DC	24 DC	80 DC	230 AC	60-120 DC	300-800 DC
Part number		830012038005*	830012038012	830012038007*	830012038001*	830012038003*	830012038109*

Mounting L brackets kit can be ordered separately if required: 231000401000
* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.

Super K EHV



Model		E							
Heating performance	BTU/h (kW)	6,800 (2)		13,600 (4)					
Air flow	CFM (m^3/h)	200 (340)							
Electrical consumption blower	W	120							
Weight	lb (kg)	7.9 (3.6)							
Ventilation speed levels		3							
Dimensions l x w x h	in (mm)	8.5 x 14.5 x 5.1 (216 x 368 x 130)							
Blower voltage	V DC	12	24	12	24	12	24	12	24
PTC voltage	V	24		48 – 59		60 – 120		300 – 800	
Part number		830012039001	830012039101	830012039005	830012039105	830012039000*	830012039100*	830012039002*	830012039102*

Mounting L brackets kit can be ordered separately if required: 231000402000
* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.



Super K EHV

Model		ED4					
Heating performance	BTU/h (kW)	6,800 (2)	13,600 (4)				
Air flow	CFM (m^3/h)	200 (340)					
Electrical consumption (blower)	W	120					
Weight	lb (kg)	8.2 (3.7)					
Ventilation speed levels		3					
Dimensions l x w x h	in (mm)	10.6 x 14.5 x 5.1 (268 x 368 x 130)					
Blower voltage	V DC	24	12		24		
PTC voltage	V	24	48 – 59	60 – 120	40-59	60-120	300-800
Part number		830012039111	830012039015	830012039010*	830012039115	830012039110*	830012039112*

Mounting L brackets kit can be ordered separately if required: 231000402000
* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.



Falkon EHV

Model		ED6				
Heating performance	BTU/h (kW)	10,200 (3)		20,500 (6)		
Air flow	CFM (m^3/h)	427 (725)				
Electrical consumption blower	W	360				
Weight	lb (kg)	13.2 (6)	12.1 (5.5)	14.1 (6.4)	12.6 (5.7)	
Ventilation speed levels		3				
Dimensions l x w x h	in (mm)	13.4 x 17 x 6.6 (341 x 432 x 167)				
Blower voltage	V DC	24	24	12	24	
PTC voltage	V	48 – 59	60 – 120	300 – 800	350 – 480	580 – 800
Part number		830012219324	830012219173*	830012028016*	830012037122*	830012037123*

Mounting L brackets kit can be ordered separately if required: 231000403000
* Note: Special order, contact Eberspaecher sales, minimum order quantity may apply.

4. VENTILATION – ROOF VENTILATORS

VENTILATORS



ADT

Model		Autogire
Weight	lb (kg)	2 (0.9)
Dimensions l x w x h	in (mm)	9.6 x 9.6 x 4.4 (245 x 245 x 113)
Part number		830012140420

Non-electric ventilator. Works with the wind or the vehicle speed.





ADT

Model		ADT 350	
Air flow	CFM (m^3/h)	370 (629)	
Electrical consumption	W	72	73
Weight	lb (kg)	3.3 (1.5)	
Dimensions l x w x h	in (mm)		
Blower voltage	V		24
Part number		830012140406	830012140410





ADT

Model		ADT 452		ADT 750	
Air flow	CFM (m^3/h)	370 (629)			
Electrical consumption	W	72	73	72	73
Weight	lb (kg)	4 (1.8)		4.6 (2.1)	
Dimensions l x w x h	in (mm)	12.6 x 14.2 x 2.6 (320 x 360 x 65)		13.4 x 15.3 x 3.1 (340 x 388 x 80)	13.3 x 15.3 x 3.1 (339 x 388 x 80)
Blower voltage	V	12	24	12	24
Part number		830012140415	830012140416	830012140000	830012140100

ROOF VENTILATORS

MOUNTING PLATES

ADT mounting plates







Model	Sprinter	Master X62	Ducato
Weight lb (kg)	1.1 (0.5)		
Dimensions l x w x h in (mm)	17.1 x 15.4 x 0,9 (435 x 390 x 23)		17.1 x 13.4 x 0.9 (435 x 340 x 24)
Part number	830034017041	830034017079	830034017130

ROOF VENTILATORS

AIR DIFFUSERS

Rondo air diffusers






Model	BR gray	BR white	GR gray	GR white
Weight lb (kg)	0.7 (0.3)			
Dimensions l x w x h in (mm)	0.9 x 11 x 11 (22 x 280 x 280)			
Fixing type	Screw			
Part number	830034003036	830034003031	830034003035	830034003030

Basic lateral air diffusers



Weight lb (kg)	1.1 (0.5)
Dimensions l x w x h in (mm)	1.5 x 11.1 x 11.1 (38 x 282 x 282)
Fixing type	Screw
Part number	830034003115

Lateral air diffusers with LED



Weight lb (kg)	1.1 (0.5)
Dimensions l x w x h in (mm)	1.5 x 11.1 x 11.1 (38 x 282 x 282)
Fixing type	Screw
Voltage V	12
Part number	830034003116

WALL VENTILATORS



ADP

Model		ADP 200		
Air flow	CFM (m^3/h)	118 (200)		
Electrical consumption	W	10		
Weight	lb (kg)	0.9 (0.4)	0.7 (0.3)	2 (0.9)
Ventilation speed levels		2		
Dimensions l x w x h	in (mm)	5.9 x 5.9 x 3 (150 x 150 x 77)		
Blower voltage	V	12	24	220
Part number		830012150001	830012150100	830012150110

AXIAL FANS

Fan and blower specification

VA	Axial fan
VR	Radial blower
VRS	Single radial blower
VRD	Double radial blower





VA

Model		VA 90		VA 200*		VA 550
Air flow	CFM (m^3/h)	53 (90)		118 (200)		324 (550)
Electrical consumption	W	3.6		10	16	86
Weight	lb (kg)	1.1 (0.5)		0.7 (0.3)		2 (0.9)
Ventilation speed levels		1		2	1	1
Dimensions l x w x h	in (mm)	3.7 x 3.7 x 1 (93 x 93 x 25)		4.7 x 4.7 x 1.5 (119 x 119 x 38)	4.7 x 4.7 x 1.5 (120 x 120 x 38)	8 x 8 x 2 (202 x 202 x 52)
Blade diameter	Ø in (mm)	NA				6.6 (167)
SPAL part number		NA				VA22BP11C50
Blower voltage	V	12	24	12	220	24
Part number		830012140602	830012140603	830012160020	830012150010	830012160102

* Brushless.




VA

Model		VA 630	VA 740
Air flow	CFM (m^3/h)	371 (630)	436 (740)
Electrical consumption	W	68	68
Weight	lb (kg)	2.6 (1.2)	2 (0.9)
Ventilation speed levels		3	1
Dimensions l x w x h	in (mm)	8.2 x 8 x 2 (209 x 202 x 51)	8 x 8 x 2 (202 x 202 x 52)
Blade diameter	Ø in (mm)	NA	7.5 (190)
Blower voltage	V	12 / 24	24
Part number		830012160029 / 830012160040	830012160100





VA

Model		VA 1360	VA 1800	VA 1860	
Air flow	CFM (m^3/h)	800 (1,360)	1,059 (1,800)	1,095 (1,860)	
Electrical consumption	W	113	180	130	
Weight	lb (kg)	2.4 (1.1)	5.1 (2.3)	4 (1.8)	3.5 (1.6)
Ventilation speed levels					
Dimensions l x w x h	in (mm)		11.9 x 11.9 x 3.7 (303 x 303 x 95)	13.2 x 13.2 x 2.4 (335 x 335 x 62)	
Blade diameter	Ø in (mm)			12 (305)	
SPAL part number		VA11AP7/C57A	VA53AP70/LL-39A	VA10AP50C25A	VA10AP50C25A
Blower voltage	V	12	12	12	12
Part number		830012140554	830012140561	830012140572	830012140571

VA

Model		VA 1950			VA 2800	VA 2860
Air flow	CFM (m^3/h)	1,148 (1,950)			1,648 (2,800)	1,683 (2,860)
Electrical consumption	W	150		130	180	234
Weight	lb (kg)	4.9 (2.2)	5.1 (2.3)	5.3 (2.4)	5.3 (2.4)	5.1 (2.3)
Ventilation speed levels		1				
Dimensions l x w x h	in (mm)	11.9 x 11.9 x 3.7 (303 x 303 x 95)		13.2 x 13.2 x 2.4 (335 x 335 x 62)	13 x 13 x 3.7 (331 x 331 x 95)	
Blade diameter	Ø in (mm)	10 (255)		12 (305)		
SPAL part number		VA53BP70/LL-39A	VA15BP70/LL-39S	VA10BP50C25A	VA01BP70/LL-36A	VA01BP70/LL-36S
Blower voltage	V	24	24	24	24	24
Part number		830012140564	830012140552	830012140573	830012140508	830012140516

RADIAL BLOWERS

SINGLE RADIAL BLOWERS





VRS

Model	VRS 260		VRS 260 Ø 55	
Air flow CFM (m³/h)	153 (260)			
Electrical consumption W	60			
Weight lb (kg)	1.3 (0.6)	1.5 (0.7)	1.5 (0.7)	2 (0.9)
Ventilation speed levels	3			
Dimensions l x w x h in (mm)	4.4 x 4.7 x 5 (113 x 119 x 128)		5.2 x 5 x 5.9 (131 x 126 x 149)	
SPAL part number	008A 10093D	008B 10093D	NA	
Blower voltage V	12	24	12	24
Part number	830012130030	830012130012	830012130024	830012130013



VRS

Model	VRS 350				VRS 1065
Air flow CFM (m³/h)	206 (350)				627 (1,065)
Electrical consumption W	120				643
Weight lb (kg)	2.9 (1.3)	2.4 (1.1)	2.2 (1)	2.4 (1.1)	4.9 (2.2)
Ventilation speed levels	3				
Dimensions l x w x h in (mm)	5.7 x 5.5 x 6.5 (145 x 139 x 165)		8.4 x 16.9 x 5.5 (213 x 428 x 140)		2.9 x 6.9 x 8.3 (73 x 175 x 211)
SPAL part number	009A7074D	009B7074D	NA		007A5432D RA3VCB
Blower voltage V	12	24	12	24	12
Part number	830012130001	830012130011	830012130512	830012130515	830012130019

DOUBLE RADIAL BLOWER







VRD

Model	VRD 750		VRD 850		
Air flow CFM (m³/h)	441 (750)		500 (850)		
Electrical consumption W	200		250		200
Weight lb (kg)	3.5 (1.6)		4.2 (1.9)		3.5 (1.6)
Ventilation speed levels	3				
Dimensions l x w x h in (mm)	4.5 x 12.2 x 5 (114 x 310 x 128)		5.2 x 12.4 x 5.9 (133 x 315 x 150)		5.5 x 13.8 x 6.6 (140 x 351 x 167)
SPAL part number	008A4502	008B4502	NA		006B4622
Blower voltage V	12	24	12	24	24
Part number	830012120012	830012120004	830012140002	830012140003	830012140517



VRD

Model	VRD 1000	VRD 1020	VRD 1050	VRD 1160
Air flow CFM (m³/h)	589 (1,000)	600 (1,020)	618 (1,050)	683 (1,160)
Electrical consumption W	350	270	310	400
Weight lb (kg)	5.5 (2.5)	4.4 (2)	5.1 (2.3)	5.3 (2.4)
Ventilation speed levels	3			
Dimensions l x w x h in (mm)	5.5 x 13.8 x 6.6 (140 x 351 x 167)	5.5 x 13.8 x 6.6 (140 x 351 x 167)	5.7 x 13.2 x 6.5 (145 x 335 x 165)	5.5 x 13.8 x 6.6 (140 x 351 x 167)
SPAL part number	NA	006A4522	009B4022	006B3922
Blower voltage V	24	12	24	24
Part number	830012120002	830012120014	830012130120	830012120009

5. ACCESSORIES – AIR OUTLETS AND AIR DIFFUSION

EVAPORATOR AND BLOWER HEATERS



Alizé 2

Model	in (mm)	ED4 Ø 2.17 (55)
Dimensions l x w x h	in (mm)	0.43 x 5.2 x 5.1 (11 x 133 x 129)
Part number		830034004338



Compact EV01/EV02

Model	in (mm)	ED1 Ø 3.94 (100)	ED2 Ø 2.36 (60) */**	ED2 Ø 2.36 (60)	ED3 Ø 2.36 (60)	ED3 Ø 2.17 (55)**	G	KC	ED4
Dimensions l x w x h	in (mm)	2.8 x 8.8 x 4.3 (72 x 224 x 108)			2.0 x 8.8 x 4.3 (52 x 224 x 108)	0.87 x 8.8 x 4.3 (22 x 224 x 108)	0.28 x 8.8 x 4.3 (7 x 224 x 108)	0.55 x 8.8 x 4.3 (14 x 224 x 108)	NA
Part number		830034007979	830034007980	830034003413	830034007981	830034007982	830034007432	830034003412	830034007095

* To screw.
** Without connector.



Compact EV01/EV02

Model	in (mm)	ED4 Ø 2.17 (55)
Dimensions l x w x h	in (mm)	2.1 x 8.8 x 4.3 (53 x 224 x 108)
Part number		830034007392



Compact EVO4

Model	White front
Dimensions l x w x h in (mm)	1.5 x 24.2 x 5 (38 x 615 x 128)
Connector (PAP duct)	No
Part number	830034007963







Super K

Model in (mm)	ED4 Ø 2.17 (55)	G	KC
Dimensions l x w x h in (mm)	2.2 x 10.4 x 4.3 (55 x 264 x 108)	0.47 x 10.4 x 4.3 (12 x 264 x 110)	1.5 x 10.4 x 4.2 (38 x 265 x 106)
Part number	830034007527	830034007348	830034007778

AIR OUTLETS AND AIR DIFFUSION

EVAPORATOR AND BLOWER HEATERS

Falkon/Kool





Model	in (mm)	ED6 Ø 2.17 (55)	KC	KC white
Dimensions l x w x h	in (mm)	2 x 13.2 x 5.2 (51 x 336 x 131)	1.5 x 13.2 x 5.5 (38 x 336 x 139)	1.1 x 13.2 x 4.2 (29 x 336 x 106)
Connector (PAP duct)		NA	NA	Yes
Part number		830034007075	830034017148	830034017582

HK EV04





Model	in (mm)	ED5 Ø 2.36 (60)	ED8 Ø 2.76 (70)	KB chrome
Dimensions l x w x h	in (mm)	2.5 x 27.5 x 3.7 (63 x 698 x 93)	1.6 x 27.8 x 3.7 (40 x 705 x 93)	2.5 x 27.5 x 3.7 (63 x 698 x 93)
Connector (PAP duct)		Yes	Yes	No
Fixing type			Screw	
Associated parts		830034008357	830034008359	NA
Part number		830034017558	830034004345	830034017514

LOUVERS

KE



Model		Without spring	With spring
Cutout size	in (mm)	1.85 (47)	1.85 (47)
External diameter	in (mm)	1.9 (49)	1.9 (49)
Fixing type		Clip	Spring
Part number		830034011241	830034011240

KF







Model		Without connector, black	Without connector, chrome	Without connector, satin chrome
Cutout size	in (mm)	2.17 (55)		
External diameter	in (mm)	2.4 (60)		
Fixing type		Clip		
Fixing thickness	in (mm)	0.08 – 0.3 (2 – 7.5)		
Connector (PAP duct)		Yes		
Associated parts		Kaledonia range		
Part number		830034011242	830034011387	830034011388

KF



Model	in (mm)	With connector Ø 0.79 (20)	With connector Ø 1.57 (40)	With connector Ø 1.97 (50)
Cutout size	in (mm)	2.17 (55)		
External diameter	in (mm)	2.4 (60)		
Fixing type		Clip		
Fixing thickness	in (mm)	0.08 – 0.3 (2 – 7.5)		
Connector (PAP duct)		No		
Associated parts		Kaledonia range		
Part number		830034011382	830034011383	830034011384

AIR OUTLETS AND AIR DIFFUSION

LOUVERS

KF connector



Model	in (mm)	Ø 1.57 (40)	Ø 1.97 (50)
External diameter	in (mm)	2.2 (56)	2.1 (54)
Fixing type		Clip	
Connector (PAP duct)		Yes	
Part number		830034007255	830034007911

KC





Model		Without spring, black	Without spring, gray
Cutout size	in (mm)	2.72 (69)	
External diameter	in (mm)	2.9 (74)	
Fixing type		Clip	
Fixing thickness	in (mm)	0.08 (2)	
Connector (PAP duct)		No	
Part number		830034011200	830034011201

KC





Model		With spring, black	With spring, gray
Cutout size	in (mm)	2.72 (69)	
External diameter	in (mm)	2.9 (74)	
Fixing type		Spring	
Fixing thickness	in (mm)	0.08 (2)	
Connector (PAP duct)		No	
Part number		830034011205	830034011206

KB





Model		With spring, black	With spring, chrome	With spring, satin chrome
Cutout size	in (mm)	3.03 (77)		
External diameter	in (mm)	3.3 (84)		
Fixing type		Spring		
Connector (PAP duct)		No		
Part number		830034011107	830034011108	830034011539

KB




Model		Without connector, black	Without connector, gray	Without connector, chrome	Without connector, satin chrome
Cutout size	in (mm)	3.03 (77)			
Fixing type		Clip			
Fixing thickness	in (mm)	0.08 – 0.2 (2 – 5)			
Connector (PAP duct)		No			
Associated parts		Kaledonia range			
Part number		830034011100	830034011101	830034011106	830034011181

AIR OUTLETS AND AIR DIFFUSION

LOUVERS

KB



Model		With connector
Cutout size	in (mm)	3.03 (77)
External diameter	in (mm)	3.3 (84)
Fixing type		Clip
Fixing thickness	in (mm)	0.08 – 0.2 (2 – 5)
Connector (PAP duct)		Yes
Associated parts		Kaledonia range

KB – with connector





Ø Connector in (mm)	Black	Chrome	Satin Chrome
Ø 1.57 (40)	830034011140	830034011350	-
Ø 1.77 (45)	830034011145	-	-
Ø 1.97 (50)	830034011150	830034011350	830034011544
Ø 2.17 (55)	830034011155	830034011355	830034011543
Ø 2.36 (60)	830034011160	830034011360	-
Ø 2.56 (65)	830034011165	-	-
Ø 2.76 (70)	830034011170	830034011370	830034011541

KB with connector 18°

Ø Connector in (mm)	Black	Gray	Chrome
Ø 1.77 (45)	830034011118	830034011119	830034011120

KB with elbow connector 90°

Ø Connector in (mm)	Black	Chrome	Satin Chrome
Ø 1.77/2.17 (45/55)	830034011190	830034011356	830034011542



KB

Model		With grille
Cutout size	in (mm)	3.03 (77)
External diameter	in (mm)	3.3 (84)
Fixing type		Clip
Fixing thickness	in (mm)	0.08 – 0.2 (2 – 5)
Connector (PAP duct)		Yes
Associated parts		Kaledonia range
Part number		830034011191



KB – internal protective grid

External diameter	in (mm)	3.03 (77)
Fixing type		Clip
Part number		830034017078

AIR OUTLETS AND AIR DIFFUSION

LOUVERS

KA





Model		Without connector, black	Without connector, gray
Cutout size	in (mm)	3.03 (77)	
Fixing type		Clip	
Fixing thickness	in (mm)	0.06 – 0.28 (1.5 – 7)	
Connector (PAP duct)		No	
Associated parts		Kaledonia range	
Part number		830034011000	830034011001

KA





Model		With connector - black						
Cutout size	in (mm)	3.03 (77)						
Fixing type		Clip						
Fixing thickness	in (mm)	0.06 – 0.28 (1.5 – 7)						
Connector (PAP duct)		Yes						
Associated partsconnector		Kaledonia range						
Connector Ø	in (mm)	1.57 (40)	1.77 (45)	1.97 (50)	2.17 (55)	2.36 (60)	2.56 (65)	2.76 (70)
Part number		830034011040	830034011045	830034011050	830034011055	830034011060	830034011065	830034011070

KA with connector 18°



Ø Connector in (mm)	Black
Ø 1.77 (45)	830034011018

KA with elbow connector 90°



Ø Connector in (mm)	Black
Ø 1.77/2.17 (45/55)	830034011059

KA



Model	Screw-fit	
Cutout size in (mm)	2.76 (70)	3.03 (77)
Fixing type	Screw	
Connector (PAP duct)	Yes	No
Associated parts	PAP range	Kaledonia range
Part number	830034011072	830034011005

KG





Model	With spring, black	With spring, chrome
Cutout size in (mm)	3.03 (77)	
Fixing type	Spring	
Connector (PAP duct)	No	
Associated parts	Kaledonia range	
Part number	830034008907	830034008908

AIR OUTLETS AND AIR DIFFUSION

LOUVERS





KG

Model	Without connector, black	Without connector, gray
Cutout size in (mm)	3.03 (77)	
Fixing type	Clip	
Fixing thickness in (mm)	0.08 – 0.2 (2 – 5)	
Connector (PAP duct)	No	
Associated parts	Kaledonia range	
Part number	830034008900	830034008901





KG

Model	With connector		
Cutout size in (mm)	3.03 (77)		
Fixing type	Clip		
Fixing thickness in (mm)	0.08 – 0.2 (2 – 5)		
Connector (PAP duct)	Yes		
Associated parts	Kaledonia range		
Ø Connector in (mm)	Black	Gray	Chrome
Ø 1.57 (40)	830034008940	830034008941	830034008942
Ø 1.77 (45)	-	830034008946	830034008947
Ø 1.97 (50)	830034008950	830034008951	830034008952
Ø 2.17 (55)	830034008955	830034008956	830034008957
Ø 2.36 (60)	830034008960	830034008961	830034008962
Ø 2.56 (65)	830034008965	830034008966	830034008969
Ø 2.76 (70)	830034008970	830034008971	830034008972

KG with elbow connector 90°



Ø Connector in (mm)	Black
Ø 1.77/2.17 (45/55)	830034008990

KG



Model	Screw-fit
Cutout size in (mm)	3.03 (77)
Fixing type	Screw
Associated parts	Kaledonia range
Part number	830034008909

Twist base



External diameter in (mm)	3.78 (96)
Fixing type	Screw
Connector (PAP duct)	Yes
Associated parts	KB and KG
Part number	830034011500

AIR OUTLETS AND AIR DIFFUSION

LOUVERS

Kaledonia connector





Model in (mm)		Ø 1.77 (45)	Ø 1.77 (45) 18°	Ø 1.77 (45) 18°
Cutout size	in (mm)	3.03 (77)	1.89 (48)	3.03 (77)
External diameter	in (mm)	NA	2.99 (76)	NA
Fixing type			Clip	
Fixing thickness	in (mm)	0.08 – 0.2 (2 – 5)	NA	0.08 – 0.2 (2 – 5)
Connector (PAP duct)			Yes	
Associated parts		Kaledonia range	KA, KB, KG range	PAP duct range
Part number		830034008945	830034008218	830034008918

KL




Model		Without spring	With spring
Cutout size	in (mm)	3.66 (93)	
External diameter	in (mm)	3.8 (97)	
Fixing type		Clip	Spring
Fixing thickness	in (mm)	0.13 (3.2)	NA
Connector (PAP duct)		No	
Part number		830034011371	830034011372

KM





Model	Without connector, black	Without connector, chrome
Cutout size in (mm)	3.94 (100)	
External diameter in (mm)	4.3 (108)	
Fixing type	Clip	
Fixing thickness in (mm)	0.08 – 0.2 (2 – 5)	
Connector (PAP duct)	No	
Part number	830034011373	830034011385

3-flap



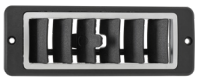


Cutout size in (mm)	3.27 (83)	
External diameter in (mm)	3.4 (87)	
Fixing type	Clip	Spring
Fixing thickness in (mm)	0.31 (8)	NA
Connector (PAP duct)	No	
Part number	830034011505	830034011516

AIR OUTLETS AND AIR DIFFUSION

RECTANGULAR LOUVERS

KD



Model	Black		Chrome	Satin Chrome	Black		Chrome
Customer interface/ cutting dimensions in (mm)	4.80 x 1.97 (122 x 50) (5.20 (132) for screws)	5.91 x 1.34 (150 x 34) (6.30 (160) for screws)	4.80 x 1.97 (122 x 50) (5.20 (132) for screws)		4.80 x 1.97 (122 x 50)	5.91 x 1.34 (150 x 34)	4.80 x 1.97 (122 x 50)
Dimensions l x w x h in (mm)	5.7 x 1.1 x 2.0 (144 x 27 x 52)	6.9 x 0.9 x 1.5 (176 x 23 x 37)	5.7 x 1.1 x 2.0 (144 x 27 x 52)		5.2 x 1.1 x 2.0 (132 x 27 x 52)	6.2 x 0.9 x 1.5 (157 x 23 x 37)	5.2 x 1.1 x 2.0 (132 x 27 x 52)
Fixing type	Clip / Screw				Clip		
Fixing thickness in (mm)	0.09 – 0.14 (2.4 – 3.5)	0.09 - 0.15 (2.25 – 3.7)	0.09 – 0.14 (2.4 – 3.5)		0.09 – 0.14 (2.4 – 3.5)	0.09 - 0.15 (2.25 – 3.7)	0.09 – 0.14 (2.4 – 3.5)
Connector (PAP duct)	No						
Associated parts	830034007082	NA	830034007082		830034007082	NA	830034007082
Part number	830034008031	830034008033	830034008034	830034008036	830034008030	830034008032	830034008035

QDC connector



Model in (mm)	Ø 2.17 (55)
Customer interface/ cutting dimensions in (mm)	2.19 x 5.04 (55.5 x 128)
Dimensions l x w x h in (mm)	2.4 x 5.5 x 1.9 (60 x 140 x 48)
Fixing type	Screw
Associated parts	830034070024 / 830034008004
Part number	830034007082

KH





Customer interface/ cutting dimensions in (mm)	4.80 x 1.97 (122 x 50)	
Dimensions l x w x h in (mm)	5.6 x 1.2 x 2.1 (143 x 30 x 54)	
Fixing type	Clip / Screw	Clip
Fixing thickness in (mm)	0.07 – 0.18 (1.9 – 4.6)	
Connector (PAP duct)	No	
Associated parts	830034007082	830034007082
Part number	830034003410	830034003411

AIR OUTLETS AND AIR DIFFUSION

GRILLES



Adjustable and closable grille

Customer interface/ cutting dimensions in (mm)	5.71 x 1.26 (145 x 32)
Dimensions l x w x h in (mm)	1.4 x 6.5 x 1.1 (35 x 164 x 29)
Fixing type	Screw
Connector (PAP duct)	No
Part number	830034022059



Closable grille

Customer interface/ cutting dimensions in (mm)	6.65 x 1.26 (169 x 32)
Dimensions l x w x h in (mm)	1.6 x 7.9 x 1.1 (40 x 200 x 29)
Fixing type	Screw
Part number	830034022036





QDC connectors

Model in (mm)	Ø 1.57 (40)	Ø 2.17 (55)
Customer interface/ cutting dimensions in (mm)	NA	1.57 x 6.85 (40 x 174)
Dimensions l x w x h in (mm)	2.7 x 7.9 x 1.5 (68 x 200 x 39)	1.6 x 7.8 x 2.9 (40 x 197 x 73)
Fixing type	Screw	
Part number	830034024060	830034007078

Round grilles



Model		Black		Gray	Black	Gray	Black		
Cutout size	in (mm)	NA	2.72 (69)				NA		
Dimensions l x w x h	in (mm)	2 x 2 x 0.6 (50 x 50 x 14)	2.9 x 0.7 x 0.7 (74 x 74 x 18)		2.9 x 2.9 x 0.8 (74 x 74 x 21)		3.1 x 3.1 x 0.6 (80 x 80 x 16)	4.2 x 4.2 x 0.9 (107 x 107 x 24)	8.9 x 8.9 x 0.2 (225 x 225 x 6)
External diameter	in (mm)	2 (50)	2.9 (74)	2.9 (74)	2.9 (74)	2.9 (74)	3.1 (80)	4.2 (107)	8.9 (225)
Fixing type		Clip			Spring		Clip	Spring	Clip
Fixing thickness	in (mm)	1.7 (43)	0.04 – 0.39 (1 – 10)		NA		2.8 (70)	NA	
Part number		830034022012	830034017154	830034017155	830034003419	830034003420	830034022013	830034022035	830034022020

Single grilles



Model		Black	Gray
Customer interface/ cutting dimensions	in (mm)	6.65 x 1.30 (169 x 33)	
Dimensions l x w x h	in (mm)	1.6 x 7.6 x 0.4 (40 x 192 x 9)	1.6 x 7.6 x 0.4 (40 x 192 x 9)
Fixing type		Screw	
Part number		830034022003	830034022031

Paddle grilles



Model		Black	Gray	Black	White	Black	White
Customer interface/ cutting dimensions	in (mm)	6.69 x 1.30 (170 x 33)		5.81 x 5.12 (147.5 x 130)		12.01 x 5.12 (305 x 130)	
Dimensions l x w x h	in (mm)	1.6 x 7.6 x 0.3 (40 x 192 x 7)		5.5 x 6.1 x 0.7 (140 x 156 x 18)		5.5 x 12.4 x 0.7 (140 x 314 x 18)	
Fixing type		Screw					
Part number		830034022015	830034022026	830034022040	830034022043	830034022038	830034022042

AIR OUTLETS AND AIR DIFFUSION

GRILLES

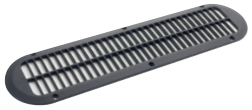
Defrosting grilles





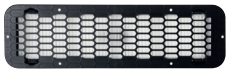
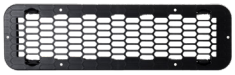

Model	Black		Gray	Black 45°
Customer interface/ cutting dimensions in (mm)	7.17 x 1.30 (182 x 33)	2.80 x 0.31 (71 x 8)		8.66 x 0.98 (220 x 25)
Dimensions l x w x h in (mm)	1.9 x 8.1 x 1.0 (47 x 205 x 26)	0.6 x 3.4 x 0.4 (14 x 86 x 11)		1.6 x 9.6 x 0.6 (40 x 244 x 15)
Fixing type	Screw			
Associated parts	830034007078	NA		
Part number	830034007077	830034022010	830034022025	830034022006

P.A. grilles




Customer interface/ cutting dimensions in (mm)	13.03 x 2.64 (331 x 67)	6.54 x 2.72 (166 x 69)
Dimensions l x w x h in (mm)	3.5 x 15.1 x 0.3 (90 x 383 x 7)	3.5 x 8.4 x 0.3 (90 x 214 x 8)
Fixing type	Screw	
Part number	830034022050	830034022016

Recycling grilles

Model	With paper filter			Without paper filter	
Customer interface/ cutting dimensions in (mm)	5.35 x 12.83 (136 x 326)	14.41 x 2.83 (366 x 72)	20.31 x 2.83 (516 x 72)	NA	NA
Dimensions l x w x h in (mm)	1.2 x 13.7 x 6.1 (30 x 347 x 154)	4.5 x 15.7 x 1.3 (115 x 400 x 33)	4.5 x 21.7 x 1.3 (115 x 550 x 33)	0.4 x 13.7 x 6.1 (10 x 347 x 154)	0.5 x 21.7 x 4.5 (12 x 550 x 115)
Fixing type	Screw				
Part number	830034022071	830034022055	830034022051	830034017660	830034007793

PAPER AIR FILTERS

Model	Paper air filter	
Dimensions l x w x h in (mm)	4.6 x 4.6 x 1.2 (117 x 117 x 30)	5.1 x 5.1 x 1.2 (130 x 130 x 30)
Part number	830034070488	830034070231



Model	400	550
Weight oz (g)	2.54 (72)	3.53 (100)
Dimensions l x w x h in (mm)	14.0 x 3.0 x 0.8 (356 x 77 x 20)	19.9 x 3.0 x 0.8 (506 x 77 x 20)
Part number	830034070269	830034070270

CONNECTORS

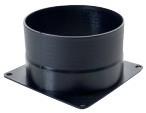
Air duct connectors



Connector size in (mm)	1.57 (40)	1.77 (45)	1.97 (50)	2.17 (55)	2.36 (60)
External diameter in (mm)	NA	NA	NA	2.6 (65)	NA
Dimensions l x w x h in (mm)	NA	NA	NA	3.0 x 3.0 x 1.2 (76 x 76 x 30)	NA
Fixing type	Clip				
Associated parts	PAP duct range				
Part number	830034024239	830034024240	830034024241	830034024242	830034024243

Air duct connectors





Dimensions l x w x h in (mm)	3.5 x 1.1 x 3.5 (90 x 28 x 90)	4.3 x 2.4 x 4.3 (108 x 60 x 108)
External diameter in (mm)	NA	
Fixing type	Screw	
Associated parts	NA	
Part number	830034024032	830034024030

BUTTERFLY JUNCTIONS







Model	Mechanical shutter junction	Electric shutter junction	Additional flap for shutter junction
Dimensions l x w x h in (mm)	2.3 x 3.5 x 2.8 (59 x 88 x 72)	2.4 x 4.5 x 3.4 (61 x 115 x 86)	1.3 x 3.4 x 2.4 (33 x 86 x 60)
Voltage V	NA	12 – 24	NA
Fixing type	Screw		
Connector (PAP duct)	Yes		
Associated parts	Connector to screw range		
Part number	830034024168	830034024169	830034024171

AIR OUTLETS AND AIR DIFFUSION

REDUCERS



Reducers

Model	in (mm)	Ø 1.77/1.57 (45/40)	Ø 1.97/1.57 (50/40)	Ø 1.97/1.77 (50/45)	Ø 2.17/1.57 (55/40)	Ø 2.17/1.77 (55/45)	Ø 2.17/1.97 (55/50)
External diameter	in (mm)	3.2 (81)					
Fixing type		Clip					
Connector (PAP duct)		Yes					
Associated parts		PAP duct range					
Part number		830034024094	830034024093	830034024020	830034024019	830034024018	830034024017

Reducers

Model	in (mm)	Ø 2.17/2.17 (55/55)	Ø 2.17/2.36 (55/60)	Ø 2.36/1.57 (60/40)	Ø 2.36/1.77 (60/45)	Ø 2.36/1.97 (60/50)
External diameter	in (mm)	3.0 (76)	3.2 (81)			
Fixing type		Clip				
Connector (PAP duct)		Yes				
Associated parts		PAP duct range				
Part number		830034024035	830034024090	830034024089	830034024096	830034024091

Y CONNECTORS

Y connector



Model in (mm)	1.57 x 1.57 x 1.57 (40 x 40 x 40)	1.77 x 1.57 x 1.57 (45 x 40 x 40)	1.77 x 1.77 x 1.57 (45 x 45 x 40)	1.97 x 1.57 x 1.57 (50 x 40 x 40)	1.97 x 1.77 x 1.77 (50 x 45 x 45)	1.97 x 1.97 x 1.97 (50 x 50 x 50)
Dimensions l x w x h in (mm)	3.2 x 3.1 x 4.1 (81 x 79 x 103)					
Connector (PAP duct)	Yes					
Associated parts	PAP duct range					
Part number	830034024070	830034024085	830034024098	830034024075	830034024076	830034024072

Y connector



Model in (mm)	2.17 x 1.57 x 1.57 (55 x 40 x 40)	2.17 x 1.97 x 1.97 (55 x 50 x 50)	2.17 x 2.17 x 1.97 (55 x 55 x 50)	2.17 x2.17 x 1.57 (55 x 55 x 40)
Dimensions l x w x h in (mm)	3.2 x 3.1 x 4.1 (81 x 79 x 103)			
Connector (PAP duct)	Yes			
Associated parts	PAP duct range			
Part number	830034024077	830034024079	830034024084	830034024095

Y connector



Model in (mm)	2.36 x 1.57 x 1.57 (60 x 40 x 40)	2.36 x 1.77 x 1.57 (60 x 45 x 40)	2.36 x 1.77 x 1.77 (60 x 45 x 45)	2.36 x 1.97 x 1.97 (60 x 50 x 50)	2.36 x 2.17 x 2.17 (60 x 55 x 55)	2.36 x 2.36 x 1.57 (60 x 60 x 40)	2.36 x 2.36 x 2.17 (60 x 60 x 55)	2.36 x 2.36 x 2.36 (60 x 60 x 60)
Dimensions l x w x h in (mm)	3.2 x 3.1 x 4.1 (81 x 79 x 103)						NA x NA x 2.3 (NA x NA x 58)	3.2 x 3.1 x 4.1 (81 x 79 x 103)
External diameter in (mm)	NA						3.2 (81)	NA
Connector (PAP duct)	Yes							
Associated parts	PAP duct range							
Part number	830034024080	830034024087	830034024081	830034024082	830034024083	830034024088	830034024099	830034024074

Y connector





Model in (mm)	With flap 1.57 x 1.57 x 1.57 (40 x 40 x 40)	With flap 1.77 x 1.77 x 1.77 (45 x 45 x 45)	With flap 1.97 x 1.97 x 1.97 (50 x 50 x 50)	With flap 2.17 x 2.17 x 2.17 (55 x 55 x 55)	With flap 2.36 x 2.36 x 2.36 (60 x 60 x 60)	Compact 2.17 ext or Ø 1.77 int (55 ext or Ø 45 int)
Dimensions l x w x h in (mm)	3.4 x 3.1 x 4.1 (87 x 79 x 103)					NA x NA x 3.4 (NA x NA x 86)
Connector (PAP duct)	Yes					
Associated parts	PAP duct range					
Part number	830034024110	830034024111	830034024112	830034024113	830034024114	830034008999

AIR OUTLETS AND AIR DIFFUSION

AIR DUCTS



PAP duct - 15-meter roll

Internal diameter in (mm)	1.57 (40)	1.77 (45)	1.97 (50)	2.17 (55)	2.36 (60)	2.56 (65)
Part number	830034070015	830034070002	830034070003	830034070004	830034070005	830034070006

Curvature radius 1 x Ø.
Fluid: air.
Operating temperature: 212 °F (100 °C), Max. temperature for use: 248 °F (120 °C)



PAP duct - 15-meter roll

Internal diameter in (mm)	2.76 (70)	2.95 (75)	3.15 (80)	3.54 (90)	3.94 (100)
Part number	830034070016	830034070007	830034070017	830034070030	830034070029

Curvature radius 1 x Ø.
Fluid: air.
Operating temperature: 212 °F (100 °C), Max. temperature for use: 248 °F (120 °C)



PAP duct — 5-meter roll

Internal diameter in (mm)	1.57 (40)	1.77 (45)	1.97 (50)	2.17 (55)
Part number	830034070021	830034070022	830034070023	830034070024

Curvature radius 1 x Ø.
Fluid: air.
Operating temperature: 212 °F (100 °C), Max. temperature for use: 248 °F (120 °C)



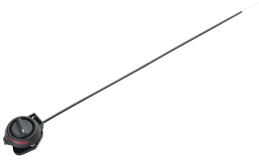
PAP duct — 5-meter roll

Internal diameter in (mm)	2.36 (60)	2.56 (65)	2.76 (70)	3.15 (80)
Part number	830034070025	830034070026	830034070027	830034070028

Curvature radius 1 x Ø.
Fluid: air.
Operating temperature: 212 °F (100 °C), Max. temperature for use: 248 °F (120 °C)

CONTROL UNITS

REMOTE CONTROLS





Model	Rotary		Axial	
Dimensions l x w x h in (mm)	2.2 x 2.8 x 2 (55 x 70 x 52)		0.9 x 3.5 x 0.9 (24 x 88 x 24)	
Cable length in (mm)	19.7 (500)	39.4 (1,000)	39.4 (1,000)	66.9 (1,700)
Part number	830034001710	830034001711	830034001127	830034001198

CONTROL PANELS



PCK2

Function	HVAC	
Automatic or manual	Automatic	
Ventilation control (3 speeds or 0 – 100%)	0 – 100	
Water temperature control	Proportional	
Air recycling control	Yes	No
A/C control	Yes	
Defrosting control	Yes	
Dimensions l x w x h in (mm)	2.5 x 4.8 x 2.5 (63 x 123 x 63)	
Cutout size in (mm)	2.1 x 4.6 (53.5 x 114)	
Fixing thickness in (mm)	0.06 – 0.12 (1.5 – 3)	
Voltage V	12 / 24	
Part number	830034030371	830034030370

Probes included.

CONTROL UNITS

CONTROL PANELS





PCK3

Function	EHV			HV			
Automatic or manual	Manual						
Ventilation control (3 speeds or 0 – 100%)	3						
Water temperature control	NA			Proportional	Manual		Proportional
PTC heater control	3 positions		4 positions	NA			
Air recycling control	No	Yes	No	Yes		No	
A/C control	No						
Defrosting control	No						
Dimensions l x w x h in (mm)	2.4 x 4.8 x 2.5 (60 x 123 x 63)			2.6 x 4.8 x 2.5 (65 x 123 x 63)	3.9 x 4.8 x 2.5 (99 x 123 x 63)		2.6 x 4.8 x 2.5 (65 x 123 x 63)
Voltage V	12 / 24						
Part number	830034030465	830034030466	830034030475	830034030452	830034030461	830034030471	830034030473







PCK3

Function	VAC	HVAC			EHVAC			
Automatic or manual	Manual							
Ventilation control (3 speeds or 0 – 100%)	3							0 – 100
Water temperature control	NA	Proportional		Manual	NA			
PTC heater control	NA				3 positions			
Air recycling control	No		Yes		No		Yes	No
A/C control	Yes				No		Yes	
Defrosting control	No							
Dimensions l x w x h in (mm)	2.4 x 4.8 x 2.5 (60 x 123 x 63)	2.6 x 4.8 x 2.5 (65 x 123 x 63)		3.9 x 4.8 x 2.5 (99 x 123 x 63)	2.4 x 4.8 x 2.5 (60 x 123 x 63)			6.1 x 4.8 x 2.5 (154 x 123 x 63)
Voltage V	12 / 24							24
Part number	830034030474	830034030451	830034030453	830034030460	830034030462	830034030458	830034030625	830034030459	830034030472

PCK3





Model		Airtronic 2 & 3		Hydronic S3	
Function		VAC / Airtronic 2 & 3		EHVAC / Hydronic	
Automatic or manual		Manual			
Ventilation control (3 speeds or 0 – 100%)		0 – 100		3	
Water temperature control		NA		Proportional	
PTC heater control		ON – OFF			
Air recycling control		No			
A/C control		Yes			
Defrosting control		No			
Voltage	V	12	24	12	24
Part number		830034030629	830034030630	830034030627	830034030628

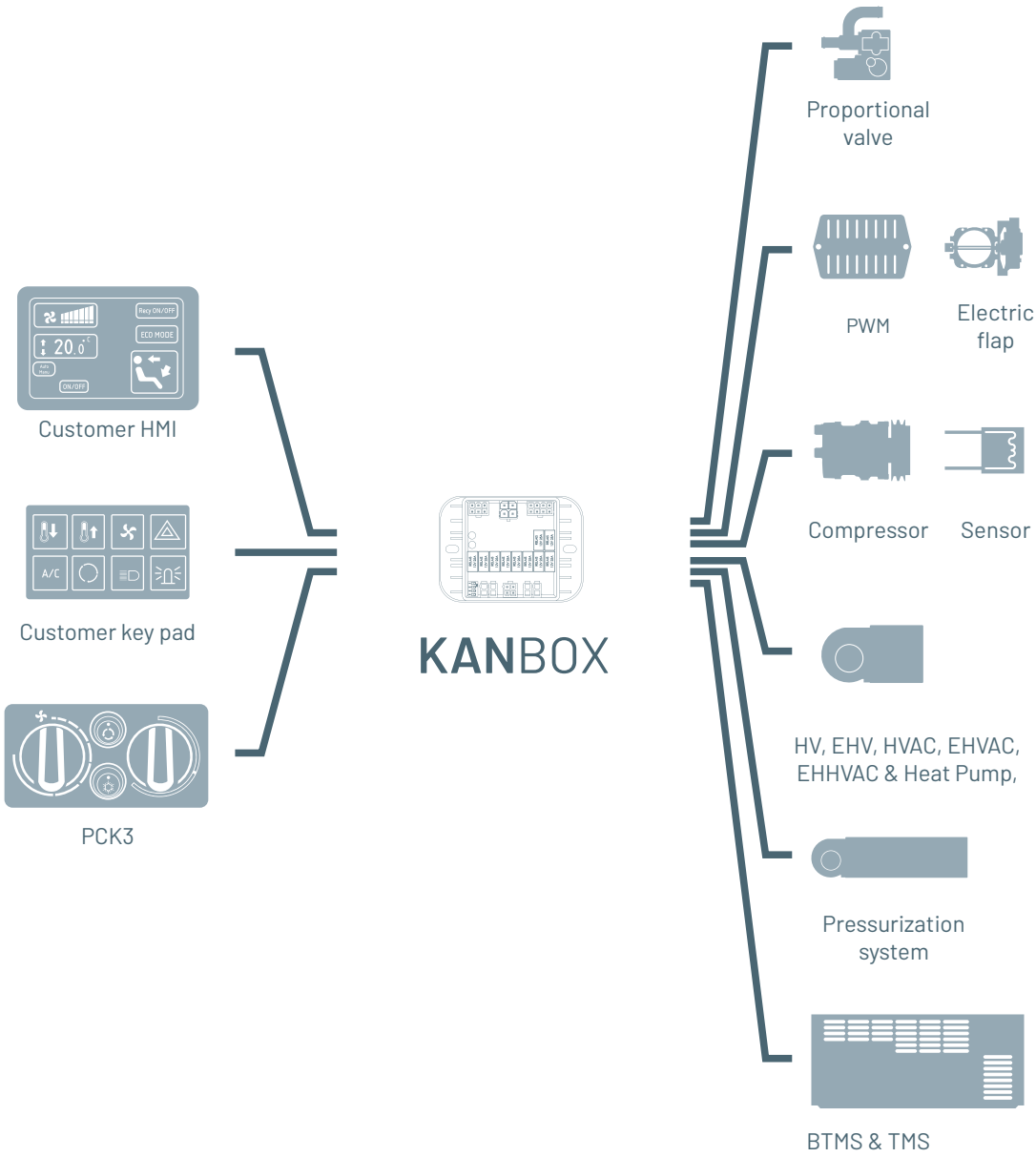


EasyStart Touch (only for Breezonic)

Function		Breezonic
Interface / Technology		Touch screen - 5 inch glass screen, 800 x 480 pixels / optical bounding (glare and reflection reduction), adaptive brightness
Ventilation control		3 speeds + turbo (touch screen)
Temperature control		Yes (touch screen)
Communication interface		CI-Bus
Functions		Operating modes control, Temperature and fan controls, Light control, Timer functionality (wake-up / shut-down)
IP rating		IP67 (front) / IP40 (back)
Dimensions depth x length x height	in (mm)	1.3 x 5.9 x 4.2 (34 x 149 x 106)
Cutout size	in (mm)	5.46 x 3.76 (138.6 x 95.4)
Fixing thickness	in (mm)	0.20 – 0.47 (5 – 12)
Voltage	V	12
Part number		290248270020 (with harness) / 290248270017 (without harness)

KANBOX

CAN BUS HVAC MANAGEMENT



KANBOX



KanBox

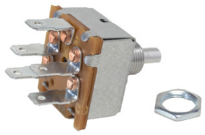
Compatibility Version	HV /HVAC	EHV / EHVAC	EHV / EHVAC	EHVAC	PCK3 EHVAC	HVAC / K-Protec / KPM	PCK3 EHVAC	K-Protec / KPM	E-Aitronic
Temperature Compressor	Auto		Manual	Auto	Manual	Auto		N/A	Auto
Compressor control	Belt compressor	Vac compressor	Vdc compressor			Belt compressor	Vdc compressor	N/A	
Part number	830060010019	830060010020	830060010022	830060010024	830060010025	830060010028	830060010030	830060010031	830060010033

CONTROL UNITS

SWITCHES

Rotary switches




Dimensions l x w x h in (mm)	1.0 x 1.0 x 1.9 (25 x 25 x 49)	1.3 x 1.3 x 0.5 (33 x 33 x 12)	2.2 x 2.2 x 2.3 (56 x 56 x 59)	1.1 x 1.1 x 1.9 (29 x 27 x 49)	1.3 x 1 x 1.1* (32 x 25 x 29*)
Type On-Off / 4 positions	4 positions	NA	4 positions	4 positions	On – Off – On
Breaking capacity A/V	20	NA	NA	20	20 / 28
Part number	830034030004	830034030061	830034030608	830034030005	830034030001

* Reversing rotary switch

5-way connector



Dimensions l x w x h in (mm)	0.8 x 1.1 x 0.9 (21 x 28 x 22)
Part number	830034005217

Rocker switches






Dimensions l x w x h in (mm)	0.8 x 0.6 x 1.1 (21 x 15 x 28)	0.8 x 0.6 x 1.3 (21 x 14 x 33)	1.3 x 0.6 x 1.3* (32 x 14 x 33*)		0.8 x 0.8 x 1.0** (20 x 20 x 25**)
Type On-Off / 4 positions	On – Off – On	On – Off	On – Off		On – Off
Breaking capacity A/V	10 / 18	12 / 28	10 / 28		10 / 28
Voltage V	NA	NA	12	24	12 / 24
Part number	830034030008	830034030028	830034030077	830034030078	830034030580

* Air conditioning switch
** Switch green LED

PWM controller

Dimensions l x w x h in (mm)	1.3 x 2.2 x 3.4 (34 x 56 x 86)	3.9 x 2.3 x 1.5 (100 x 59 x 37)
Voltage V	12 / 24	12
Part number	830034030260	830034001095

CONTROL UNITS

CONTROL ACCESSORIES

Knobs







Model	K9 knob		K10 knob and clip black	K11 knob chrome	K12 knob chrome
Dimensions l x w x h in (mm)	1.3 x 1.3 x 0.7 (33 x 33 x 18)		1.3 x 1.3 x 0.7 (33 x 33 x 19)	1.6 x 1.6 x 1.0 (40 x 40 x 26)	1.7 x 1.7 x 0.8 (42 x 42 x 21)
Part number	830034030572	830034030573	830034030575	830034017094	830034017097

Collars






Model	White arrow	0-I-II-III	Red arrow clockwise	Red arrow counterclockwise
Dimensions l x w x h in (mm)	2.2 x 2.2 x 0.5 (55 x 55 x 12)			
Part number	830034030020	830034030033	830034030021	830034030034

Collars




Model	With stop and AC printing	Air direction printing	Heating printing	HVAC printing
Dimensions l x w x h in (mm)	2.2 x 2.2 x 0.5 (56 x 56 x 12)			
Part number	830034017484	830034017486	830034017487	830034017488

AIR CONDITIONING

RECEIVER DRYERS






Vertical or horizontal	V			H
Weight lb (g)	2.2 (1,000)	1.76 (800)	1.82 (825)	1.97 (895)
Male or female	M / M	M / F	M / M	M / F
Thread Ø	5/8" – 18 UNF			
Dimensions l x w x h in (mm)	3 x 3 x 9.1 (76 x 76 x 230)	2.5 x 2.5 x 8.3 (64 x 64 x 210)	2.5 x 2.5 x 8.2 (64 x 64 x 209)	3.1 x 3.1 x 10.5 (80 x 80 x 267)
Part number	830070004001	830070004003	830070004005	830070004006

Bracket



Dimensions l x w x h in (mm)	1.6 x 3.9 x 2.6 (40 x 99 x 67)
Part number	830070004301

AIR CONDITIONING

PRESSURE SWITCHES

Binary






Model	Male pressure switch 3/16"	Female pressure switch 3/16"	Female pressure switch 1/4"	Female pressure switch with sealed connector
Low / medium / high pressure psi (bar)	29 / 363 (2 / 25)	6 / 29 (0.4 / 2)	29 / 392 (2 / 27)	
Thread	3/8 – 24 UNF		7/16 – 20 UNF	
Compatible refrigerant	R134a / R1234yf			
Dimensions l x w x h in (mm)	0.8 x 0.8 x 1.8 (21 x 21 x 45)	1.1 x 1.1 x 1.9 (29 x 29 x 47)	0.9 x 0.9 x 7.4 (24 x 24 x 189)	0.9 x 0.9 x 7.2 (24 x 24 x 184)
Part number	830070002003	830070002004	830070002005	830070002017

Trinary



Model	Male pressure switch 3/16"
Low / medium / high pressure psi (bar)	29 / 218 / 392 (2 / 15 / 27)
Thread	3/8 – 24 UNF
Compatible refrigerant	R134a / R1234yf
Dimensions l x w x h in (mm)	1 x 1 x 1.9 (26 x 26 x 49)
Part number	830070002001

EXPANSION VALVES





Model	2T screw-fit expansion valve	1.5T screw-fit expansion valve
Dimensions l x w x h in (mm)	1.8 x 3.3 x 1 (45 x 85 x 25)	
Part number	830070001001	830070001002

ADAPTER SETS













Model / Chassis	EMP2	X250 rear option	X250	A5 (2015-2020)	W447	Type SY/SZ
Vehicle	Berlingo, Combo life, ProAce City, Rifter	Boxer, Jumper, Ducato		Caddy IV	Class V, Vito	Crafter, TGE
Part number	830070001401	830070001168	830070001176	830070001324	830070001400	830070001370

AIR CONDITIONING

ADAPTER SETS

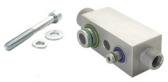







Model / Chassis	Iveco daily	X67	Hilux/Land Cruiser J200	Hyundai H350	K0	K0 rear option	CMF – CD
Vehicle	Daily	Dokker Van	Hilux, Land Cruiser J200	Hyundai H350	Jumpy, Expert, ProAce, Dispatch		Kangoo 3
Part number	830070001302	830070001253	830070001266	830070001359	830070001325	830070001346	830070001413









Model / Chassis	X62 FWD		W907	X82	V363/V362	A-series	A5 (2010 – 2015) / T platform
Vehicle	Master, NV400		Sprinter	Trafic, NV300	Transit, Transit custom	VW Amarok	VW Caddy 3 (phase 2), T5, T6
Part number	830070001199	830070001303	830070001372	830070001285	830070001272	830070001246	830070001111

SPARE PARTS

Valve core



Dimensions l x w x h in (mm)	0.2 x 0.2 x 0.8 (5 x 5 x 20)
Part number	830070006500

REGULATION

Standard mechanical thermostat



Dimensions l x w x h in (mm)	1.2 x 2 x 2.4 (31.5 x 52 x 62)
Part number	830070003000

Electronically adjustable thermostats









Model	Electric thermostat with sensor		Electronic thermostat with axle	Electronic thermostat without axle	Electronic regulation	Electronic thermostat
Dimensions l x w x h in (mm)	1.3 x 1.7 x 2.2 (32 x 42 x 57)		1.7 x 2.4 x 2 (43 x 62 x 51)	1.7 x 2.4 x 1.3 (43 x 62 x 34)	2 x 2.4 x 1.9 (52 x 62 x 47)	2 x 2.4 x 1.3 (52 x 62 x 34)
Voltage V	12	24	12 – 24			12 – 24
Part number	830070003001	830070003002	830070011000	830070011001	830070011002	830070011201

Probes





Model	Antifreeze probe	Air mixing probe
Dimensions l x w x h in (mm)	31.5 x 0.22 x 0.24 (800 x 5.5 x 6)	31.5 x 0.18 x 0.2 (800 x 4.5 x 5)
Part number	830070011010	830070011023

AIR CONDITIONING

REGULATION





A/C solenoid O-ring male

Electrical consumption W	10	12.5	10
Electrical power W	10	12.5	10
Size (M06 to M12)	M06		
Fluid	Gas		
Fluid temperature range °F (°C)	-22 to 176 (-30 to 80)		
Pressure range psi (bar)	0 – 435 (0 – 30)		
External diameter Ø	M06		
Thread pitch	5/8 – 18UNF		
Voltage V	12	24	12
Compatible refrigerant	R134a / R1234yf		
Accessories	NA		2-way connector
Dimensions l x w x h in (mm)	1.5 x 2.5 x 2.1 (39 x 64 x 54)		
Part number	830070003050	830070003051	830070003052



A/C solenoid valve bracket

Dimensions l x w x h in (mm)	0.08 x 1.5 x 2.8 (2 x 37 x 71)
Part number	830034004239

MISCELLANEOUS ACCESSORIES



Compressor oils

Type	SP10 – PAG ISO 46	SP20 – PAG ISO 100	HD46 R1234yf
Content oz (ml)		8.45 (250)	
Part number	830070006003	830070006002	830070006041

Sealing strip

Model	Butyl sealing strip with a non-sticky side
Dimensions W x H in (mm)	2.0 x 0.08 (50 x 2)
Part number	830070006036

WATER PUMPS





Water connection	Ø in (mm)	0.63 (16)	0.79 (20)
Flow	gph (l/h)	238 (900)	269 (1,020)
Max. pressure	psi (bar)	36 (2.5)	
Electric power	W	14	
Fluid temperature range	°F (°C)	-40 to 212 (-40 to 100)	
Lifetime	h	5,000	
Weight	lb (g)	1.45 (658)	1.1 (500)
Dimensions l x w x h	in (mm)	7 x 3.3 2.7 (177 x 85 x 68)	
Voltage	V	12	24
Part number		830034094001	830034094002

Collars included.

VALVES

MECHANICAL HEATING VALVES

Brass valves






External diameter Ø in (mm)	0.59 (15)	0.71 (18)	0.59 (15)	0.71 (18)	0.59 (15)	0.71 (18)
Fluid	Water					
Dimensions l x w x h in (mm)	2.4 x 3.1 x 1.7 (60 x 80 x 44)		1.3 x 2.3 x 1.7 (34 x 58 x 42)		3.1 x 2.3 x 2.4 (78 x 58 x 62)	
Accessories	NA		Lever		Knob	
Part number	830034006041	830034006042	830034006050	830034006051	830034006029	830034006030

Plastic valves







External diameter Ø in (mm)	0.63 (16)	0.47 (12)	0.63 (16)	0.47 (12)	0.63 (16)	0.47 (12)	0.63 (16)
Pressure range psi (bar)	0 - 44 (0 - 3)	0 - 44 (0 - 3)		NA		NA	
Fluid	Water						
Dimensions l x w x h in (mm)	2 x 3.6 x 3.5 (51 x 92 x 89)	1.4 x 3.3 x 1.4 (35 x 84 x 35)		1.4 x 3.3 x 2.2 (35 x 84 x 57)		1.6 x 3.3 x 1.7 (40 x 84 x 42)	1.8 x 4.4 x 1.9 (45 x 113 x 48)
Accessories	NA			Knob			
Fluid temperature range °F (°C)	-40 to 248 (-40 to 120)	-40 to 194 (-40 to 90)		NA		Max. 185 (85)	
Part number	830034050003	830034050017	830034050015	830034050050	830034050051	830034050001	830034050002

VALVES

PROPORTIONAL HEATING VALVES





Model	In/Out 90°		3-way
External diameter Ø in (mm)	0.63 (16)		
Pressure range psi (bar)	0 – 87 (0 – 6)		NA
Fluid	Water		
Dimensions l x w x h in (mm)	1.4 x 4 x 4.3 (36 x 102 x 109)		2.9 x 4.4 x 3.5 (74 x 113 x 89)
Electrical power W	4.2	8.4	4.2
Fluid temperature range °F (°C)	-40 to 212 (-40 to 100)		
Differential pressure psi (bar)	36 (2.5)		NA
Voltage V	12	24	12
Blower voltage V	NA		12
Part number	830034050029	830034050030	830034050052

SOLENOID VALVES







Model	Plastic solenoid valve	Metal solenoid valves				Electric solenoid valves		
External diameter Ø in (mm)	0.63 (16)	0.63 (16)	0.79 (20)	0.63 (16)	0.79 (20)	0.63 (16)	0.79 (20)	0.63 (16)
Differential pressure psi (bar)	15 (1)	17 (1.2)		145 (10)		17 (1.2)		145 (10)
Fluid	Water							
Dimensions l x w x h in (mm)	1.6 x 4.1 x 2.7 (41 x 104 x 69)	1.9 x 3.9 x 3.7 (47 x 99 x 95)	1.9 x 4.4 x 3.7 (47 x 111 x 95)	1.9 x 4.3 x 4.4 (47 x 108 x 111)	1.9 x 4.7 x 4.4 (47 x 120 x 111)	1.9 x 3.9 x 3.7 (47 x 99 x 95)	1.9 x 4.4 x 3.7 (47 x 111 x 95)	1.9 x 4.3 x 4.4 (47 x 108 x 111)
Electrical power W	3	18						
Fluid temperature range °F (°C)	-4 to 212 (-20 to 100)	-13 to 212 (-25 to 100)		-22 to 212 (-30 to 100)		-13 to 212 (-25 to 100)		-22 to 212 (-30 to 100)
Voltage V	12	24		24		12		
Thread pitch	NA	1/2						
Part number	830034052006	830034052015	830034052016	830034052019	830034052020	830034052017	830034052018	830034052021

WATER SYSTEM CONNECTORS

HEATING BULKHEADS







Model		Straight bulkhead connector		Elbow bulkhead connector	Brass bulkhead connector	
Diameter X	in (mm)	0.63 (16)	0.47 (12)	0.63 (16)	1/2 (12.7)	0.75 (19)
Diameter Y	in (mm)	0.63 (16)	0.63 (16)	0.63 (16)	–	3.9 (98)
Fixing type		Screw				
Dimensions l x w x h	in (mm)	1.7 x 3.5 x 2 (42 x 90 x 51)	2 x 3.5 x 1.7 (51 x 90 x 42)	1.7 x 3.5 x 2 (42 x 90 x 51)	1.3 x 1.26 (33 x 32)	3.9 x 1.1 (98 x 28)
Part number		830034007062	830034017034	830034007063	830034024039	830034024059

DUCK BILL VALVES



Dimensions l x w x h in (mm)	0.5 x 0.5 x 1.1 (13 x 13 x 28)
Part number	830070000201

WATER SYSTEM CONNECTORS

HEATING CONNECTORS

Brass connectors





Dimensions l x w x h in (mm)	.83 x 1.4 x .83 (21 x 35 x 21)		.83 x 1.6 x .83 (21 x 41 x 21)
Diameter X in (mm)	0.55 – 1/2 (14 – 12.7)	0.63 – 1/2 (16 – 12.7)	0.79 – 1/2 (20 – 12.7)
Fluid	Water		
Part number	830034024067	830034024005	830034024038

Elbow connectors



Dimensions l x w x h in (mm)	1.7 x 1.7 x .63 (43 x 43 x 16)			1.8 x 1.8 x .83 (46 x 46 x 21)			1.85 x 1.85 x .87 (47 x 47 x 22)
Diameter Y in (mm)	0.39 (10)	0.47 (12)	0.55 (14)	0.63 (16)	0.75 (19)	0.87 (22)	0.87 (22)
Diameter Z in (mm)	0.39 (10)	0.47 (12)	0.55 (14)	0.63 (16)	0.75 (19)	0.87 (22)	0.75 (19)
Fluid	Water						
Part number	830034008410	830034008412	830034008414	830034008416	830034008419	830034008422	830034008430

Y connector



Dimensions l x w x h in (mm)	2.1 x 3.2 x 0.9 (54 x 84 x 22)
Diameter X in (mm)	0.75 (19)
Diameter Y in (mm)	0.75 (19)
Diameter Z in (mm)	0.75 (19)
Fluid	Water
Part number	830034024058

Multi Y connectors



Dimensions l x w x h in (mm)	2.8 x 4 x 0.9 (72 x 102 x 21)
Diameter X in (mm)	0.63 x 0.75 (16 / 19)
Diameter Y in (mm)	0.63 x 0.75 (16 / 19)
Diameter Z in (mm)	0.63 x 0.75 (16 / 19)
Fluid	Water
Part number	830034024045

Straight connectors






Dimensions l x w x h	in (mm)	0.8 x 2.6 x 0.6 (20 x 65 x 16)	1.1 x 2.6 x 0.9 (27 x 65 x 22)	1.2 x 2.6 x 0.9* (30 x 65 x 22*)	1.1 x 2.6 x 0.9 (27 x 65 x 22)	1.1 x 2.6 x 0.9 (27 x 65 x 22)	1.4 x 2.6 x 0.9* (35 x 65 x 22*)	1.1 x 2.6 x 0.9 (27 x 65 x 22)	1.1 x 2.6 x 0.9 (27 x 65 x 24)
Diameter X	in (mm)	0.47 (12)	0.63 (16)	0.63 (16)	0.75 (19)	0.75 (19)	0.75 (19)	0.87 (22)	0.87 (22)
Diameter Y	in (mm)	0.47 (12)	0.63 (16)	0.63 (16)	1.14 (29)	0.63 (16)	0.75 (19)	0.87 (22)	0.63 (16)
Fluid		Water							
Part number		830034008312	830034008316	830034008616	830034008319	830034008330	830034008619	830034008322	830034008331

* Screw included to purge the heating loop.

Tee connectors







Dimensions l x w x h	in (mm)	1.7 x 2.6 x .63 (43 x 65 x 16)		1.8 x 2.6 x .9 (46 x 65 x 22)				1.7 x 2.7 x .7 (42 x 68 x 17)	2.2 x 3.5 x .8 (56 x 90 x 21)
Diameter X	in (mm)	0.39 (10)	0.47 (12)	0.63 (16)	0.63 (16)	0.75 (19)	0.87 (22)	0.63 - 1/2 (16 - 12.7)	0.63/0.75 (16/19)
Diameter Y	in (mm)	0.39 (10)	0.47 (12)	0.63 (16)	0.63 (16)	0.75 (19)	0.87 (22)	NA	0.63/0.75 (16/19)
Diameter Z	in (mm)	0.39 (10)	0.47 (12)	0.63 (16)	0.55 (14)	0.75 (19)	0.63 (16)	NA	0.63/0.75 (16/19)
Fluid		Water							
Part number		830034008510	830034008512	830034008516	830034008531	830034008519	830034008530	830034024006	830034024063

PIPES

HEATER HOSES



Heater hoses

Internal diameter	in (mm)	0.39 (10)	0.47 (12)	0.55 (14)	0.63 (16)	0.75 (19)
External diameter	in (mm)	0.67 (17)	0.75 (19)	0.83 (21)	0.91 (23)	1.0 (26)
Curvature radius	in (mm)	2.8 (70)	2.8 (70)	3.7 (95)	4.1 (105)	4.9 (125)
Fluid		Water				
Working pressure	psi (bar)	87 (6)				
Operating temperature range	°F (°C)	-40 to 248 (-40 to 120)				
Part number		830034072004	830034072000	830034072001	830034072002	830034072003



L hoses

Internal diameter	in (mm)	0.63 (16)
External diameter	in (mm)	0.94 (24)
Fluid		Water
Operating temperature range	°F (°C)	-40 to 248 (-40 to 120)
Standard		SAEJ20R3
Part number		830034072014

A/C HOSES



25 m reduced hoses

Model		M06	M08	M10	M12
Weight	lb (kg)	7.9 (3.6)	10.1 (4.6)	10.6 (4.8)	15.9 (7.2)
Internal diameter	in (mm)	5/16 (7.9)	13/32 (10.3)	1/2 (12.7)	5/8 (15.9)
External diameter	in (mm)	0.59 (15)	0.67 (17)	0.75 (19)	0.93 (23.5)
Curvature radius	in (mm)	2 (51)	2.5 (64)	3 (76)	4 (102)
Fluid		Gas			
Working pressure	psi (bar)	500 (34.5)			
Operating temperature range	°F (°C)	-40 to 248 (-40 to 120)			
Standard		SAE J2064 Type C Class1			
Part number		830070017307	830070007956	830070007957	830070017781

CLAMPS



Hose clamps

Model	Oetiker 15.3	Oetiker 18	Oetiker 19.2	Oetiker 19.8
Size	M06	M08	NA	M10
Part number	830034005435	830034005436	830034005410	830034005437

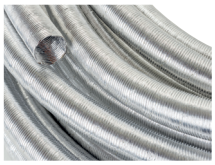


Spring hose clamps

Model	in (mm)	Ø 0.67 (17)	Ø 0.83 (21)	Ø 0.87 (22)	Ø 1.02 (26)	Ø 1.1 4 (29)
Part number		830034005183	830034005182	830034005180	830034005181	830034005185

PIPES

PROTECTIVE DUCTS



Aluminum ducts

Operating temperature range °F (°C)	-40 to 932 (-40 to 500)
Part number	830034070080





Spiral protective ducts

Internal diameter in (mm)	0.63 (16)	0.79 (20)	0.87 (22)	0.98 (25)	1.1 (28)	0.87* (22*)
External diameter in (mm)	0.73 (18.5)	0.89 (22.5)	0.96 (24.5)	1.08 (27.5)	1.2 (30.5)	1.22 (31)
Operating temperature range °F (°C)	-22 to 194 (-30 to 90)					50 to 221 (10 to 105)
Standard	NA					NF EN 14304
Part number	830034070095	830034070096	830034070090	830034070091	830034070093	830070006012

* Insulating material, no mechanical protection.



Slit corrugated sleeving

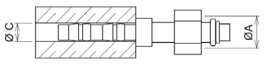
Model	For M06	For M08	For M10 & M12
Internal diameter in (mm)	0.59 (15)	0.75 (19)	0.91 (23)
External diameter in (mm)	0.71 (18)	0.87 (22)	1.02 (26)
Operating temperature range °F (°C)	-22 to 212 (-30 to 100)		
Part number	830034070068	830034070069	830034070074

FITTINGS

FEMALE CLIP-ON O-RING CONNECTORS

O-RING

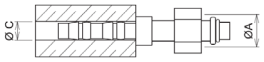




Straight

Hose no.	M06	M08	M10	M12/10	M12
Ø A	5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF	7/8 " - 14 UNF	1 " 1/16 - 14 UNF
Ø C	5/16 "	13/32 "	1/2 "	5/8 "	5/8 "
Part number	830070020100	830070020300	830070020500	830070020731	830070020700

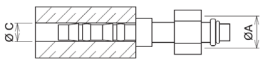




45 °

Hose no.	M06	M08	M10	M12/10	M12
Ø A	5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF	7/8 " - 14 UNF	1 " 1/16 - 14 UNF
Ø C	5/16 "	12/32 "	1/2 "	5/8 "	5/8 "
Part number	830070020101	830070020301	830070020501	830070020763	830070020701





90 °

Hose no.	M06	M08/06	M06/08	M08	M10/08	M10	M12/10	M12
Ø A	5/8 " - 18 UNF	5/8 " - 18 UNF	3/4 " - 16 UNF	3/4 " - 16 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF	7/8 " - 14 UNF	1 " 1/16 - 14 UNF
Ø C	5/16 "	13/32 "	5/16 "	13/32 "	1/2 "	1/2 "	5/8 "	5/8 "
Part number	830070020102	830070020315	830070020115	830070020302	830070020515	830070020502	830070020715	830070020702



180 °

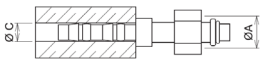
Hose no.	M06	M10
Ø A	5/8 " - 18 UNF	7/8 " - 16 UNF
Ø C	5/16 "	1/2 "
Part number	830070020160	830070020560

FITTINGS

FEMALE CLIP-ON O-RING CONNECTORS

O-RING WITH R134a CHARGING PORT

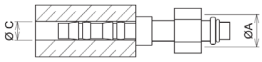




Straight

Hose no.	M06	M08	M10
Ø A	5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø C	5/16 "	13/32 "	1/2 "
Part number	830070020150	830070020350	830070020550

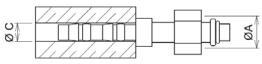




45 °

Hose no.	M06	M08	M10
Ø A	5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø C	5/16 "	12/32 "	1/2 "
Part number	830070020151	830070020351	830070020551



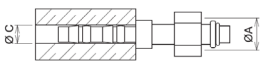


90 °

Hose no.	M06	M08	M10	M12/10
Ø A	5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF	7/8 " - 14 UNF
Ø C	5/16 "	12/32 "	1/2 "	5/8 "
Part number	830070020152	830070020352	830070020552	830070020738

SHORT O-RING



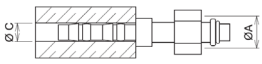


90 °

Hose no.	M06	M08	M08 with R134a charging port	M10	M10 with R134a charging port	M12/10
Ø A	5/8 " - 18 UNF	3/4 " - 16 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF	7/8 " - 14 UNF	7/8 " - 14 UNF
Ø C	5/6 "	13/32 "	13/32 "	1/2 "	1/2 "	5/8 "
Part number	830070020118	830070020318	830070020317	830070020518	830070020517	830070020730

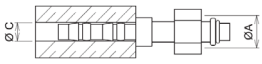
FEMALE CLIP-ON O-RING CONNECTORS

O-RING WITH R1234yf CHARGING PORT



Straight

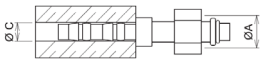
Hose no.	M08	M10
Ø A	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø C	13/32 "	1/2 "
Part number	830070020370	830070020570



90 °

Hose no.	M08	M10
Ø A	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø C	12/32 "	1/2 "
Part number	830070020372	830070020572

SHORT O-RING WITH R1234yf CHARGING PORT



90 °

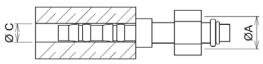
Hose no.	M08	M10
Ø A	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø C	12/32 "	1/2 "
Part number	830070020377	830070020577

FITTINGS

MALE CLIP-ON O-RING CONNECTORS

O-RING

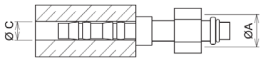




Straight

Hose no.	M06	M08	M10 for low pressure	M12/10
Ø A	5/8 " - 18 UNF	3/4 " - 18 UNS	7/8 " - 18 UNS	7/8 " - 18 UNS
Ø C	5/16 "	13/32 "	1/2 "	5/8 "
Part number	830070020103	830070020303	830070020503	830070020737

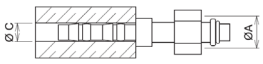




45 °

Hose no.	M06	M08	M10
Ø A	5/8 " - 18 UNF	3/4 " - 18 UNS	7/8 " - 18 UNS
Ø C	5/16 "	13/32 "	1/2 "
Part number	830070020104	830070020304	830070020504

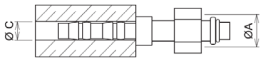




90 °

Hose no.	M06	M08	M10
Ø A	5/8 " - 18 UNF	3/4 " - 18 UNS	7/8 " - 18 UNS
Ø C	5/16 "	13/32 "	1/2 "
Part number	830070020106	830070020306	830070020506





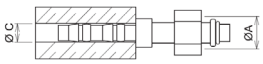
180 °

Hose no.	M06	M10
Ø A	5/8 " - 18 UNF	7/8 " - 18 UNS
Ø C	5/16 "	1/2 "
Part number	830070020120	830070020521

MALE CLIP-ON O-RING CONNECTORS

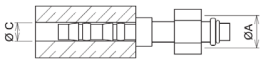
FEMALE INSERT O-RING





Straight

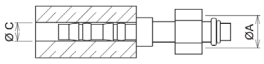
Hose no.	M06	M08	M10
Ø A	5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø C	5/16 "	13/32 "	1/2 "
Part number	830070020112	830070020312	830070020512



45 °

Hose no.	M06
Ø A	5/8 " - 18 UNF
Ø C	5/16 "
Part number	830070020113





90 °

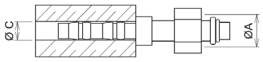
Hose no.	M06
Ø A	5/8 " - 18 UNF
Ø C	5/16 "
Part number	830070020114

FITTINGS

MALE CLIP-ON O-RING CONNECTORS

O-RING FOR EXPANSION VALVE FLANGE

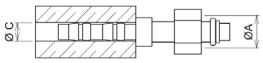




Straight

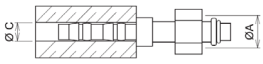
Hose no.	M06	M08	M10/12
Ø C	5/16 "	13/32 "	1/2 "
Part number	830070020109	830070020309	830070020509





45 °

Hose no.	M06	M10/12
Ø C	5/16 "	1/2 "
Part number	830070020110	830070020510



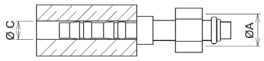
90 °

Hose no.	M06	M08	M10/12
Ø C	5/16 "	13/32 "	1/2 "
Part number	830070020111	830070020311	830070020511

FEMALE ROTOLOCK CLIP-ON CONNECTORS

ROTOLOCK

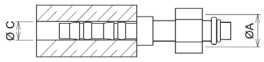




45 °

Hose no.	M08	M10
Ø A	1 " - 14 UNS	1 " - 14 UNS
Ø C	13/32 "	1/2 "
Part number	830070020323	830070020523



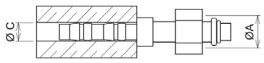


90 °

Hose no.	M08	M10	M12
Ø A	1 " - 14 UNS	1 " - 14 UNS	1 " - 14 UNS
Ø C	13/32 "	1/2 "	5/8"
Part number	830070020324	830070020524	830070020724

ROTOLOCK WITH R134a CHARGING PORT

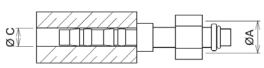




Straight

Hose no.	M08	M10	M12
Ø A	1 " - 14 UNS	1 " - 14 UNS	1 " - 14 UNS
Ø C	13/32 "	1/2 "	5/8"
Part number	830070020325	830070020525	830070020725





90 °

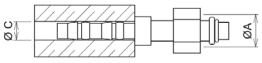
Hose no.	M08	M10	M12
Ø A	1 " - 14 UNS	1 " - 14 UNS	1 " - 14 UNS
Ø C	13/32 "	1/2 "	5/8"
Part number	830070020320	830070020520	830070020720

FITTINGS

CLIP-ON EXTENTION CONNECTORS

SINGEL EXTENTION

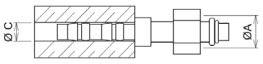




Straight

Hose no.	M06	M08	M10	M12
Ø C	5/16 "	13/32 "	1/2 "	5/8 "
Part number	830070020107	830070020307	830070020507	830070020707

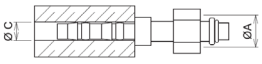




Straight with high pressure
R134a charging port

Hose no.	M06	M08	M10
Ø C	5/16 "	13/32 "	1/2 "
Part number	830070020108	830070020308	830070020538

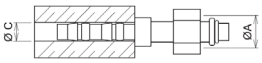




Straight with low pressure
R134a charging port

Hose no.	M10	M12
Ø C	1/2 "	5/8 "
Part number	830070020508	830070020708

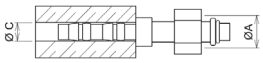




T extension

Hose no.	M06	M08	M10
Ø C	5/16 "	13/32 "	1/2 "
Part number	830070020128	830070020328	830070020528





Y extension

Hose no.	M06
Ø C	5/16 "
Part number	830070020129

REDUCED FEMALE O-RING BEADLOCK CONNECTORS

O-RING



Straight

Hose no.		M06	M08	M10
Ø A		5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø B	in (mm)	0.6 (15.25)	0.71 (18)	0.79 (20)
Ø C		5/16 "	13/32 "	1/2 "
Part number		830070030000	830070030200	830070030400



45 °

Hose no.		M06	M08	M10
Ø A		5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø B	in (mm)	0.6 (15.25)	0.71 (18)	0.79 (20)
Ø C		5/16 "	13/32 "	1/2 "
Part number		830070030001	830070030201	830070030401



90 °

Hose no.		M06	M08	M10
Ø A		5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø B	in (mm)	0.6 (15.25)	0.71 (18)	0.79 (20)
Ø C		5/16 "	13/32 "	1/2 "
Part number		830070030002	830070030202	830070030402



180 °

Hose no.		M06	M08
Ø A		5/8 " - 18 UNF	3/4 " - 16 UNF
Ø B	in (mm)	0.6 (15.25)	0.71 (18)
Ø C		5/16 "	13/32 "
Part number		830070030022	830070030222

FITTINGS

REDUCED FEMALE O-RING BEADLOCK CONNECTORS

O-RING





Straight

Hose no.		M06	M08	M10
Ø A		5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø B	in (mm)	0.6 (15.25)	0.71 (18)	0.79 (20)
Ø C		5/16 "	13/32 "	1/2 "
Part number		830070030000	830070030200	830070030400





45 °

Hose no.		M06	M08	M10
Ø A		5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø B	in (mm)	0.6 (15.25)	0.71 (18)	0.79 (20)
Ø C		5/16 "	13/32 "	1/2 "
Part number		830070030001	830070030201	830070030401





90 °

Hose no.		M06	M08	M10
Ø A		5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø B	in (mm)	0.6 (15.25)	0.71 (18)	0.79 (20)
Ø C		5/16 "	13/32 "	1/2 "
Part number		830070030002	830070030202	830070030402





180 °

Hose no.		M06	M08
Ø A		5/8 " - 18 UNF	3/4 " - 16 UNF
Ø B	in (mm)	0.6 (15.25)	0.71 (18)
Ø C		5/16 "	13/32 "
Part number		830070030022	830070030222

REDUCED FEMALE O-RING BEADLOCK CONNECTORS

O-RING WITH R134a PORT





Straight

Hose no.		M06	M08	M10
Ø A		5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø B	in (mm)	0.6 (15.25)	0.71 (18)	0.79 (20)
Ø C		5/16 "	13/32 "	1/2 "
Part number		830070030040	830070030240	830070030440



90 °

Hose no.		M08	M10
Ø A		3/4 " - 16 UNF	7/8 " - 14 UNF
Ø B	in (mm)	0.71 (18)	0.79 (20)
Ø C		13/32 "	1/2 "
Part number		830070030242	830070030442

O-RING 90° SHORT ANGLE WITH R134a PORT





90 °

Hose no.		M06	M08	M10
Ø A		5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø B	in (mm)	0.6 (15.25)	0.71 (18)	0.79 (20)
Ø C		5/16 "	13/32 "	1/2 "
Part number		830070030017	830070030217	830070030417

O-RING 90° SHORT ANGLE WITHOUT R134a PORT





90 °

Hose no.		M06	M08	M10
Ø A		5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø B	in (mm)	0.6 (15.25)	0.71 (18)	0.79 (20)
Ø C		5/16 "	13/32 "	1/2 "
Part number		830070030003	830070030203	830070030403

FITTINGS

REDUCED MALE O-RING BEADLOCK CONNECTORS

O-RING





Straight

Hose no.		M06	M10	M12/10
Ø A		5/8 " - 18 UNF	7/8 " - 18 UNS	7/8 " - 18 UNS
Ø B	in (mm)	0.6 (15.25)	0.79 (20)	0.95 (24.25)
Ø C		5/16 "	1/2 "	5/8 "
Part number		830070030004	830070030404	830070030737





45 °

Hose no.		M06	M10
Ø A		5/8 " - 18 UNF	7/8 " - 18 UNS
Ø B	in (mm)	0.6 (15.25)	0.79 (20)
Ø C		5/16 "	1/2 "
Part number		830070030005	830070030405





90 °

Hose no.		M06	M08	M10
Ø A		5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNS
Ø B	in (mm)	0.6 (15.25)	0.71 (18)	0.79 (20)
Ø C		5/16 "	13/32 "	1/2 "
Part number		830070030006	830070030206	830070030406





180 °

Hose no.		M06	M10
Ø A		5/8 " - 18 UNF	7/8 " - 14 UNS
Ø B	in (mm)	0.6 (15.25)	0.79 (20)
Ø C		5/16 "	1/2 "
Part number		830070030014	830070030414

REDUCED MALE O-RING BEADLOCK CONNECTORS

FEMALE O-RING INSERT

Straight





Hose no.		M06	M08	M10
Ø A		5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø B	in (mm)	0.6 (15.25)	0.71 (18)	0.79 (20)
Ø C		5/16 "	13/32 "	1/2 "
Part number		830070030015	830070030215	830070030415

Straight Adapter



Hose no.		M06	M08	M10
Ø A		5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø B	in (mm)	0.6 (15.25)	0.71 (18)	0.79 (20)
Ø C		5/16 "	13/32 "	1/2 "
Part number		830070005854	830070005857	830070005858

90 °





Hose no.		M06	M08
Ø A		5/8 " - 18 UNF	3/4 " - 16 UNF
Ø B	in (mm)	0.6 (15.25)	0.71 (18)
Ø C		5/16 "	13/32 "
Part number		830070030016	830070030209

FITTINGS

REDUCED MALE O-RING BEADLOCK CONNECTORS

FEMALE O-RING INSERT FOR CABLE GLAND





Straight

Hose no.		M06	M08	M10
Ø A		5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø B	in (mm)	0.6 (15.25)	0.71 (18)	0.79 (20)
Ø C		5/16 "	13/32 "	1/2 "
Part number		830070030060	830070030260	830070030460



Straight Adapter

Hose no.		M06	M08	M10
Ø A		5/8 " - 18 UNF	3/4 " - 16 UNF	7/8 " - 14 UNF
Ø B	in (mm)	0.6 (15.25)	0.71 (18)	0.79 (20)
Ø C		5/16 "	13/32 "	1/2 "
Part number		830070005859	830070005861	830070005860





90 °

Hose no.		M06	M10
Ø A		5/8 " - 18 UNF	7/8 " - 14 UNF
Ø B	in (mm)	0.6 (15.25)	0.79 (20)
Ø C		5/16 "	1/2 "
Part number		830070030061	830070030461

REDUCED FEMALE ROTOLOCK BEADLOCK CONNECTORS

SHORT





Straight with R134a Port

Hose no.	M08	M10
Ø A	1 " - 14 UNS	1 " - 14 UNS
Ø B in (mm)	0.71 (18)	0.79 (20)
Ø C	13/32 "	1/2 "
Part number	830070030225	830070030425





45° with R134a Port

Hose no.	M08	M10
Ø A	1 " - 14 UNS	1 " - 14 UNS
Ø B in (mm)	0.71 (18)	0.79 (20)
Ø C	13/32 "	1/2 "
Part number	830070030226	830070030426





90° with R134a Port

Hose no.	M08	M10
Ø A	1 " - 14 UNS	1 " - 14 UNS
Ø B in (mm)	0.71 (18)	0.79 (20)
Ø C	13/32 "	1/2 "
Part number	830070030220	830070030420





90° with R134a Port

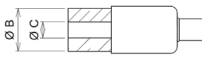
Hose no.	M08	M10
Ø A	1 " - 14 UNS	1 " - 14 UNS
Ø B in (mm)	0.71 (18)	0.79 (20)
Ø C	13/32 "	1/2 "
Part number	830070030221	830070030421

FITTINGS

REDUCED MALE O-RING BEADLOCK CONNECTORS FOR FLANGED EXPANSION VALVE

SHORT

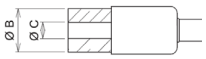




Straight

Hose no.		M06	M08	M10/12
Ø B	in (mm)	0.6 (15.25)	0.71 (18)	0.79 (20)
Ø C		5/16 "	13/32 "	1/2 "
Part number		830070030009	830070030219	830070030409

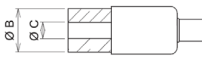




45 °

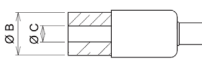
Hose no.		M06	M10/12
Ø B	in (mm)	0.6 (15.25)	0.79 (20)
Ø C		5/16 "	1/2 "
Part number		830070030010	830070030410





90 °

Hose no.		M06	M08	M10/10	M10/12
Ø B	in (mm)	0.6 (15.25)	0.71 (18)	0.79 (20)	0.79 (20)
Ø C		5/16 "	13/32 "	1/2 "	1/2 "
Part number		830070030011	830070030218	830070030435	830070030411

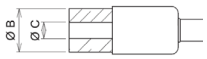


90 ° with R134a Port

Hose no.		M08	M10/10
Ø B	in (mm)	0.71 (18)	0.79 (20)
Ø C		13/32 "	1/2 "
Part number		830070030255	830070030455

REDUCED MALE BEADLOCK CONNECTORS FOR COMPRESSOR

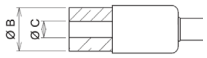
FOR SD7B10 SANDEN



Straight

Hose no.		M10
Ø B	in (mm)	0.79 (20)
Ø C		1/2 "
Part number		830070030436

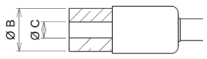




45 °

Hose no.		M08	M10
Ø B	in (mm)	0.71 (18)	0.79 (20)
Ø C		13/32 "	1/2 "
Part number		830070030231	830070030431



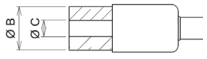


90 °

Hose no.		M08	M10
Ø B	in (mm)	0.71 (18)	0.79 (20)
Ø C		13/32 "	1/2 "
Part number		830070030232	830070030432

FOR DENSO COMPRESSOR





90 °

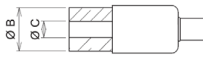
Hose no.		M08	M10
Ø B	in (mm)	0.71 (18)	0.79 (20)
Ø C		13/32 "	1/2 "
Part number		830070030270	830070030470

FITTINGS

REDUCED SPLICER BEADLOCK FITTINGS

SINGLE EXTENDERS

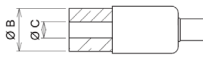




Straight

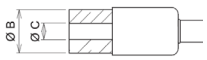
Hose no.		M08
Ø B	in (mm)	0.71 (18)
Ø C		13/32 "
Part number		830070030207





Straight with R134a Port

Hose no.		M06	M08	M10
Ø B	in (mm)	0.6 (15.25)	0.71 (18)	0.79 (20)
Ø C		5/16 "	13/32 "	1/2 "
Part number		830070030008	830070030208	830070030408



Straight with 7/16 " - 20 UNF pressure switch

Hose no.		M06
Ø B	in (mm)	0.6 (15.25)
Ø C		5/16 "
Part number		830070020116

FITTING ACCESSORIES

PLASTIC CLAMP HOLDER



Hose no.	M06	M08	M10	M12
Part number	830034005445	830034005446	830034005447	830034005448

JOINT O-RING HBNR



HBNR

Hose no.		M06	M08	M10	M12
Ø internally	in (mm)	0.31 x 0.07 (7.9 x 1.78)	0.437 x 0.07 (11.11 x 1.78)	0.55 x 0.07 (14 x 1.78)	0.676 x 0.07 (17.17 x 1.78)
Part number		830070006100	830070006101	830070006102	830070006103

SERVICE PORT CAPS

Model		HP (M8x1)	BP / LP (M8x1)
Ø internally	in (mm)	0.63 (16)	0.51 (13)
Part number		830034005758	830034005759

HAND TOOL FOR FIXING COLLARS



Model	Hand tool for fixing collars
Part number	830070010042

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