

[CLIMATE CONTROL SYSTEMS / PRODUCT INFORMATION](#)

AIR CONDITIONING PRODUCTS PARTS, FITTINGS AND TECHNICAL DATA

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1. AIR CONDITIONING – EVAPORATORS

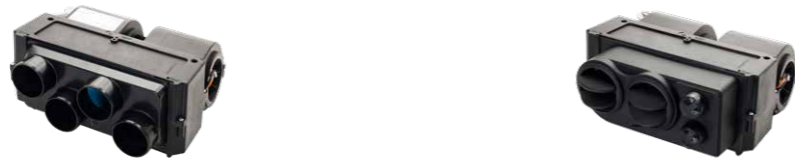
Model

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
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 kW		2.5				
Air flow m³/h		230				
Electrical consumption W		100				
Weight kg	3	3.5	3.2	3.4		
Ventilation speed levels		3				
Dimensions l x w x h mm	196 x 282 x 133	241 x 282 x 133	212 x 282 x 133	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 kW			4						
Air flow m³/h			440						
Electrical consumption W			100						
Weight kg	3.1	3.7	4.1	4	3.3	3.1			
Ventilation speed levels			3						
Dimensions l x w x h mm	216 x 368 x 137		268 x 368 x 137		250 x 368 x 137	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	830012217010	830012217011	830012217111	830012217015	830012217115	830012217012	830012217112

Antifreeze thermostat included.

* Electrical thermal expansions valve integrated.



Kab VAC

Model	Kab VAC 4	Kab VAC 5.7	Kab VAC 9			
Cooling performance kW	4	5.7	9			
Air flow m³/h	170	265	370			
Electrical consumption W	100	180	360			
Weight kg	6	4.8	9			
Ventilation speed levels		3				
Dimensions l x w x h mm	138 x 590 x 133	161 x 590 x 381	169 x 590 x 381			
Compatible refrigerant	R134a / R1234yf					
Blower voltage V	12	24	12	24	12	24
Part number	830012217122	830012217222	830012212511	830012212611	830012219304	830012219404

Antifreeze thermostat included.

EVAPORATORS

VAC UNITS – HORIZONTAL



Compact EVO4 VAC

Model	E ETXV* Ambulance	
Cooling performance kW	5.5	
Air flow m ³ /h	480	
Electrical consumption W	171	
Weight kg	6.2	
Ventilation speed levels	3	
Dimensions l x w x h mm	279 x 595 x 114	
Compatible refrigerant	R134a / R1234yf	
Blower voltage V	12	
Part number	830012220512	

Antifreeze thermostat included.
* Electrical thermal expansions valve integrated.



Falkon VAC

Model	E	E ETXV*	ED6	KC	FAI
Cooling performance kW	9				
Air flow m ³ /h	725				
Electrical consumption W	360				
Weight kg	7	6.7	7.3	7	7.6
Ventilation speed levels	3				
Dimensions l x w x h mm	296 x 432 x 167		341 x 432 x 167		328 x 432 x 167
Compatible refrigerant	R134a / R1234yf				
Blower voltage V	12	24	12	24	12
Part number	830012219010	830012219111	830012219045	830012219011	830012219111
					830012219008
					830012219108
					830012219038
					830012219138

Antifreeze thermostat included.
* Electrical thermal expansions valve integrated.



Kool 2 VAC

Model	E	ED6	ED6 ETXV*	KC	FAI
Cooling performance kW	5.7				
Air flow m ³ /h	520				
Electrical consumption W	180				
Weight kg	4.4	4.8	5.0	4.8	5.3
Ventilation speed levels	3				
Dimensions l x w x h mm	261 x 384 x 158	306 x 384 x 158		293 x 384 x 158	309 x 476 x 158
Compatible refrigerant	R134a / R1234yf				
Blower voltage V	12	24	12	24	12
Part number	830012212204	830012212350	830012212251	830012212351	830012212515
					830012212204
					830012212304
					830012212252
					830012212352

Antifreeze thermostat not included.
* Electrical thermal expansions valve integrated.



HK EVO4 VAC

Model	E	KB
Cooling performance kW	10.7	
Air flow m ³ /h	1,300	
Electrical consumption W	220	
Weight kg	10.5	10.7
Ventilation speed levels	3	
Dimensions l x w x h mm	334 x 780 x 120	371 x 780 x 120
Compatible refrigerant	R134a / R1234yf	
Blower voltage V	12	24
Part number	830012222002	830012222102
		830012222004

Antifreeze thermostat not included.

EVAPORATORS

VAC UNITS – VERTICAL



VK3 VAC

Model	FAI	
Cooling performance kW	3	
Air flow m ³ /h	300	
Electrical consumption W	125	
Weight kg	5.3	6.3
Ventilation speed levels	3	
Dimensions l x w x h mm	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 kW	8		6.5	
Air flow m ³ /h	670		520	
Electrical consumption W	300			
Weight kg	6.1		5.8	
Ventilation speed levels	3			
Dimensions l x w x h mm	174 x 401 x 360		174 x 408 x 453	
Compatible refrigerant	R134a / R1234yf			
Blower voltage V	12	24	12	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 kW					3.5					
Heating performance kW					4.3					
Air flow m ³ /h					440					
Electrical consumption W					100					
Weight kg	3.3	3.8	3.4	3.8	4.1	3.9	4	4.6	5.3	
Water connection Ø mm					16					
Ventilation speed levels					3					
Dimensions l x w x h mm	216 x 368 x 137		268 x 368 x 137		250 x 368 x 137		220 x 368 x 137		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.



Kab HVAC

Model	Kab HVAC 3.5 / 4.3		Kab HVAC 4.5 / 6.6		Kab HVAC 7.7 / 10	
Cooling performance kW	3.5		4.5		7.7	
Heating performance kW	4.3		6.6		10	
Air flow m ³ /h	170		265		370	
Electrical consumption W	100		180		360	
Weight kg	6.5	6	7.8		9.6	
Water connection Ø mm			16			
Ventilation speed levels			3			
Dimensions l x w x h mm	138 x 590 x 381		161 x 590 x 381		169 x 590 x 381	
Compatible refrigerant			R134a / R1234yf			
Blower voltage V	12	24	12	24	12	24
Part number	830012217020	830012217120	830012212048	830012212148	830012219201	830012219301

Antifreeze thermostat included.

EVAPORATORS

HVAC UNITS – HORIZONTAL



Koool 2 HVAC

Model	E		ED6		KC		KC white	KG	FAI		
Cooling performance	kW				4.5						
Heating performance	kW				6.6						
Air flow	m³/h				520						
Electrical consumption	W				180						
Weight	kg	4.7	2.4	5	4.7	2.8	4.8	4.8	4.2	5.1	
Water connection	Ø mm					16					
Ventilation speed levels					3						
Dimensions l x w x h	mm	261 x 384 x 158		306 x 384 x 158		293 x 384 x 158		309 x 476 x 158			
Compatible refrigerant					R134a / R1234yf						
Blower voltage	V	12	24	12	24	12	24	12	12	24	
Part number		830012212200	830012212300	830012212201	830012212301	830012212203	830012212303	830012212206	830012212205	830012212202	830012212302

Antifreeze thermostat not included.



Falkon HVAC

Model	E		ED6		KC		KC white	FAI		Multifluks*		
Cooling performance	kW				7.7							
Heating performance	kW				10							
Air flow	m³/h				725							
Electrical consumption	W				360							
Weight	kg	7	6.9	7	6.8	10.5	6.7	7.6	7.6			
Water connection	Ø mm					16						
Ventilation speed levels					3							
Dimensions l x w x h	mm	296 x 432 x 167		341 x 432 x 167		328 x 432 x 167		335 x 497 x 167		366 x 432 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	830012219108	830012219036	830012219136	830012219025	830012219125

Antifreeze thermostat included.
* Equipped with air flaps.



Falkon Plus HVAC

Model	E		ED6		KC		
Cooling performance	kW		9				
Heating performance	kW		10				
Air flow	m³/h		870				
Electrical consumption	W		430				
Weight	kg	6.8	6.9				
Water connection	Ø mm			16			
Ventilation speed levels			3				
Dimensions l x w x h	mm	296 x 432 x 167		341 x 432 x 167		328 x 432 x 167	
Compatible refrigerant			R134a / R1234yf				
Blower voltage	V	12	24	12	24	12	24
Part number		830012219032	830012219132	830012219033	830012219133	830012219034	830012219134

Antifreeze thermostat included.

EVAPORATORS

HVAC UNITS – HORIZONTAL



HK EVO4 HVAC

Model	E	E ETXV*	KB	FAI Headliner
Cooling performance kW		8.6		
Heating performance kW		9.5		
Air flow m ³ /h		1,300		
Electrical consumption W		220		
Weight kg	9.8	9.7	10	22.4
Water connection Ø mm		16		
Ventilation speed levels		3		
Dimensions l x w x h mm	334 x 780 x 120		371 x 780 x 120	454 x 897 x 135
Compatible refrigerant	R134a / R1234yf			
Blower voltage V	12	24	12	
Part number	830012222001	830012222101	830012222017	830012222009

Antifreeze thermostat not included.

* Electrical thermal expansions valve integrated.

HVAC UNITS – VERTICAL



VK3 HVAC

Model	FAI
Cooling performance kW	3
Heating performance kW	3.2
Air flow m ³ /h	303
Electrical consumption W	125
Weight kg	6.4
Ventilation speed levels	3
Dimensions l x w x h mm	177 x 173 x 555
Compatible refrigerant	R134a / R1234yf
Blower voltage V	12
Part number	830012224001

Antifreeze thermostat included.



MKO HVAC

Model	E	ED4	
Cooling performance kW		4.3	
Heating performance kW		3.3	
Air flow m ³ /h		435	
Electrical consumption W		220	
Weight kg	4.7	4.4	4.7
Water connection Ø mm		16	
Ventilation speed levels		3	
Dimensions l x w x h mm	160 x 257 x 378		160 x 257 x 455
Compatible refrigerant	R134a / R1234yf		
Blower voltage V	12	24	12
Part number	830012219031	830012219131	830012219055

Antifreeze thermostat not included.

EVAPORATORS

HVAC UNITS – VERTICAL



Kartel HVAC

Model	E		ED6	
Cooling performance	kW		4.5	
Heating performance	kW		6.1	
Air flow	m ³ /h		370	
Electrical consumption	W		205	
Weight	kg		4.9	
Water connection	Ø mm		16	
Ventilation speed levels			3	
Dimensions l x w x h	mm		463 x 166 x 209	
Compatible refrigerant	R134a / R1234yf			
Blower voltage	V		12	
Part number	830012200041		830012200040	

Antifreeze thermostat not included.



MK1 HVAC

Model	E		ED6		ED6*
Cooling performance	kW		7		
Heating performance	kW		7.8		
Air flow	m ³ /h		700		
Electrical consumption	W		360		
Weight	kg		7.6		3.5
Water connection	Ø mm		16		
Ventilation speed levels			3		
Dimensions l x w x h	mm		160 x 428 x 444		167 x 428 x 514
Compatible refrigerant	R134a / R1234yf				
Blower voltage	V		12		12
Part number	830012219013		830012219113		830012219016

Antifreeze thermostat included.
*Without flap

VK9 HVAC

Model	E lateral outlet		E rear outlet		KC rear outlet		FAI rear outlet	
Cooling performance	kW		8		6.5			
Heating performance	kW		10		7.5			
Air flow	m ³ /h		670		520			
Electrical consumption	W		300					
Weight	kg		5		6.6		7.4	
Water connection	Ø mm		16					
Ventilation speed levels			3					
Dimensions l x w x h	mm		174 x 478 x 360		174 x 402 x 360		174 x 408 x 453	
Compatible refrigerant	R134a / R1234yf							
Blower voltage	V		12		24		12	
Part number	830012225050		830012225150		830012225053		830012225153	

Antifreeze thermostat included.

EVAPORATORS

EHVAC UNITS – HORIZONTAL



Super K EHVAC

Model	E							
Cooling performance kW	2							
Heating performance kW	2	4						
PTC voltage V	24	48 – 59	60 – 120	300 – 800				
AC or DC	DC							
Air flow m ³ /h	340							
Electrical consumption W	120							
Weight kg	4.1	4.2	3.5	4.1				
Ventilation speed levels	3							
Dimensions l x w x h mm	216 x 368 x 137							
Compatible refrigerant	R134a / R1234yf							
Blower voltage V DC	12	24	12	24	12	24	12	24
Part number	830012239001	830012239101	830012239005	830012239105	830012239000	830012239100	830012239002	830012239102

Antifreeze thermostat included.



Super K EHVAC

Model	ED4							
Cooling performance kW	2							
Heating performance kW	2	4						
PTC voltage V	24	48 – 59	60 – 120	300 – 800				
AC or DC	DC							
Air flow m ³ /h	340							
Electrical consumption W	120							
Weight kg	4.2							
Ventilation speed levels	3							
Dimensions l x w x h mm	268 x 368 x 137							
Compatible refrigerant	R134a / R1234yf							
Blower voltage V DC	12	24	12	24	12	24	12	24
Part number	830012239011	830012239111	830012239015	830012239115	830012239010	830012239110	830012239012	830012239112

Antifreeze thermostat included.



Kool 2 EHVAC

Model	E	ED6						
Cooling performance kW	5.7							
Heating performance kW	2	4						
PTC voltage V	24	48 – 59	60 – 120	60 – 120	300 – 800	230		
AC or DC	DC							AC
Air flow m ³ /h	520							
Electrical consumption W	180							
Weight kg	5.2	5.4	4.8	5	4.8	5	5.5	5.6
Ventilation speed levels	3							
Dimensions l x w x h mm	261 x 384 x 158	306 x 384 x 158						
Compatible refrigerant	R134a / R1234yf							
Blower voltage V DC	24	12	24	12	24	12	24	
Part number	830012212504	830012212503	830012212519	830012212417	830012212507	830012212407	830012212406	830012212500

Antifreeze thermostat not included.



Falkon EHVAC

Model	E					Multiflaks	
Cooling performance kW	7.7						
Heating performance kW	3			6			
PTC voltage V	48 – 59	60 – 120	48 – 59	60 – 120	300 – 800		
AC or DC	DC						
Air flow m ³ /h	725						
Electrical consumption W	360						
Weight kg	6	6.6	6	6.6	7.7	8	
Ventilation speed levels	3						
Dimensions l x w x h mm	297 x 432 x 167					367 x 432 x 167	
Compatible refrigerant	R134a / R1234yf						
Blower voltage V DC	12		24			12	
Part number	830012219325	830012219175	830012219323	830012219165	830012219181	830012219177	

Antifreeze thermostat included.



EVAPORATORS

EHVAC UNITS – VERTICAL



VK3 EHVAC

Model	FAI	
Cooling performance kW	2.5	
Heating performance kW	1.5	
PTC voltage V	48	
AC or DC	DC	
Air flow m ³ /h	170	
Electrical consumption W	125	
Weight kg	6.7	
Ventilation speed levels	3	
Dimensions l x w x h mm	175 x 173 x 555	
Compatible refrigerant	R134a / R1234yf	
Blower voltage V DC	12	
Part number	830012224002	

Antifreeze thermostat included.



MK0 EHVAC

Model	E			ED4			ED4*		
Cooling performance kW	4.3								
Heating performance kW	2			1.8			2		
PTC voltage V	24	48 – 59	60 – 120	48 – 59	48 – 59	60 – 120	60 – 120	48 – 59	60 – 120
AC or DC	DC								
Air flow m ³ /h	450								
Electrical consumption W	213			270			213		
Weight kg	4.9	4.9			5	4.9			5.6
Ventilation speed levels	3								
Dimensions l x w x h mm	160 x 324 x 378	160 x 327 x 378		160 x 324 x 453			160 x 449 x 453		
Compatible refrigerant	R134a / R1234yf								
Blower voltage V DC	12			24	12	24	12		
Part number	830012219050	830012219318	830012219052	830012219320	830012219322	830012219056	830012219161	830012219321	830012219057

Antifreeze thermostat not included.
* With filter and recycling flap.

VK9 EHVAC

Model	E lateral outlet							
Cooling performance kW	6.5							
Heating performance kW	4							
PTC voltage V	24	48 – 59			60 – 120		300 – 800	
AC or DC	DC							
Air flow m ³ /h	640							
Electrical consumption W	220							
Weight kg	7.4							
Ventilation speed levels	3							
Dimensions l x w x h mm	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.

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		Klimatop VAC rear outlet	
Cooling performance kW	5			
Air flow m ³ /h	560			
Electrical consumption W	150			
Weight kg	7.8	15	7	
Ventilation speed levels	3			
Dimensions l x w x h mm	448 x 580 x 125			
Compatible refrigerant	R134a/R1234yf			
Blower voltage V	12	24	12	24
Associated diffuser	830034007365 / 830034007366	830034007365 / 830034007367	830034007365 / 830034007366	830034007365 / 830034007367
Part number	830012216000	830012216100	830012216003	830012216103

Evaporator only.



RK4 VAC

Cooling performance kW	3.5	
Air flow m ³ /h	440	
Electrical consumption W	210	
Weight kg	21.5	
Ventilation speed levels	3	
Dimensions l x w x h mm	720 x 475 x 259	
Compatible refrigerant	R134a	
Blower voltage V	12	24
Associated diffuser	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 kW	2.2							3.5	
Air flow m ³ /h	440								
Electrical consumption W	210	200	210	200	210	200	210		
Weight kg	28								
Ventilation speed levels	3								
Dimensions l x w x h mm	720 x 475 x 259								
Compatible refrigerant	R134a / R1234yf								
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		
Maximum compressor power consumption W	740	1,320						1,120	
Associated diffuser	830034003121	830034003122	830034003121	830034003122	830034003121	830034003122	830034003121		
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.



RK4 VAC CPF

Model	Manual temperature control							
Cooling performance kW	2.2							3.5
Air flow m ³ /h	440							
Electrical consumption W	210	200	210	200	210	200	210	
Weight kg	28							
Ventilation speed levels	3							
Dimensions l x w x h mm	720 x 475 x 259							
Compatible refrigerant	R134a / R1234yf							
Blower voltage V	12	24	12	24	12	24	12	
Compressor voltage V	12	24	35 – 59		60 – 92		76 – 118	
Controller voltage V	12	24	12	24	12	24	12	
Maximum compressor power consumption W	740	1,360	1,320	1,320	1,320	1,320	1,120	
Associated diffuser	830034003121	830034003122	830034003121	830034003122	830034003121	830034003122	830034003121	
Part number	830012270000	830012270100	830012270303	830012270204	830012270210	830012270206	830012270202	

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

ROOFTOP UNITS

VAC UNITS



RK9 VAC

Model	Manual temperature control Fluid output inward	
Cooling performance kW	7	
Air flow m ³ /h	610	
Electrical consumption W	325	
Weight kg	24	
Ventilation speed levels	3	
Dimensions l x w x h mm	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.

RK9 VAC CPF

Model	Manual temperature control	
Cooling performance kW	5.5	
Air flow m ³ /h	610	
Electrical consumption W	325	
Weight kg	35	
Ventilation speed levels	3	
Dimensions l x w x h mm	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.



RK12 VAC

Model	Manual temperature control Fluid output inward	
Cooling performance kW	11.5	
Air flow m ³ /h	950	
Electrical consumption W	650	
Weight kg	50	
Ventilation speed levels	3	
Dimensions l x w x h mm	1,090 x 940 x 179	
Compatible refrigerant	R134a / R1234yf	
Blower voltage V	12	24
Condenser dissipated power kW	14	
Associated diffuser	8300340170110 / 830034003414	8300340170110 / 830034003414
Part number	830012250001	830012250201

Evaporator / condenser assembly.
Compressor not included.
Pressure switch, receiver dryer and antifreeze thermostat included.

ROOFTOP UNITS

HVAC UNITS



Klimatop HVAC

Model	Klimatop HVAC		Klimatop HVAC rear outlet	
	Cooling performance	5		5
Heating performance	6		6	
Air flow	560		560	
Electrical consumption	150		150	
Weight	7.5	11.5	8	
Water connection	16		16	
Ventilation speed levels	3		3	
Dimensions l x w x h	448 x 580 x 125		448 x 580 x 125	
Compatible refrigerant	R134a / R1234yf		R134a / R1234yf	
Blower voltage	12	24	12	24
Associated diffuser	830034007365 / 830034007366	830034007365 / 830034007367	830034007365 / 830034007366	830034007365 / 830034007367
Part number	830012216001	830012216101	830012216002	830012216102

Evaporator only.
Antifreeze thermostat included.



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	7		7		7		7
Heating performance	8.2		8.2		8.2		8.2	
Air flow	610		610		610		610	
Electrical consumption	325		325		325		325	
Weight	24		24		27.5		24	
Water connection	16		16		16		16	
Ventilation speed levels	3		3		0-100		0-100	
Dimensions l x w x h	932 x 580 x 192		932 x 580 x 192		932 x 580 x 192		932 x 580 x 192	
Compatible refrigerant	R134a / R1234yf		R134a / R1234yf		R134a / R1234yf		R134a / R1234yf	
Blower voltage	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.



RK12 HVAC

Model	Manual temperature control Fluid output inward	
	Cooling performance	11.5
Heating performance	15	
Air flow	950	
Electrical consumption	650	
Weight	50	
Water connection	16	
Ventilation speed levels	3	
Dimensions l x w x h	1,090 x 940 x 179	
Compatible refrigerant	R134a / R1234yf	
Blower voltage	12	24
Condenser dissipated power	14	
Associated diffuser	830034017011 / 830034003414	830034017011 / 830034003414
Part number	830012250003	830012250203

Evaporator / condenser assembly.
Compressor not included.
Pressure switch, receiver dryer and antifreeze thermostat included.

ROOFTOP UNITS

EHVAC UNITS



RK9 EHVAC CPF

Model	Manual temperature control		
Cooling performance kW	5.5	6	
Heating performance kW	2	6	
Air flow m ³ /h	530		
Electrical consumption W	325		
Weight kg	35	7	36.5
Ventilation speed levels	3		
Dimensions l x w x h mm	1,101 x 580 x 250		
Compatible refrigerant	R134a		
Blower voltage V	24	12	
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.
 Air diffusion, control unit, pressure switch, receiver dryer and antifreeze thermostat included.
 Driven by a PCK3 unit or equivalent.
 R134a prefilled.

CONDENSERS

CONDENSER PLATES



Condenser TA

Dimensions l x w x h mm	355 x 620 x 46
Weight kg	3.7
Compatible refrigerant	R134a / R1234yf
Part number	830034083000



Condenser PF

Dimensions l x w x h mm	348 x 425 x 22	400 x 250 x 18	348 x 539 x 22	303 x 425 x 22	348 x 425 x 22	303 x 540 x 26	303 x 550 x 22	446 x 669 x 22	217 x 564 x 26
Weight kg	1.5	1.5	2	1.4	2.5	2.2	1.8	3.1	1.6
Compatible refrigerant	R134a / R1234yf								
Part number	830034083104	830034083008	830034083016	830034083103	830034083904	830034083107	830034083101	830034083102	830034083077



Condenser PF with integrated drier filter

Dimensions l x w x h mm	306 x 259 x 28	450 x 377 x 26	217 x 539 x 26
Weight kg	1.6	2.7	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	V	5	6		7.5			
Electrical consumption	W	90	120	110	230			
Weight	kg	3.8	3.7	4.3	4.3	4.6	5.2	
Dimensions l x w x h	mm	320 x 430 x 149		320 x 547 x 119		362 x 545 x 121		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		5.5S	6T		6T		7.5S	7.5D	
Condenser dissipated power	V	5.5	6		6		7.5		
Electrical consumption	W	110	185		185		110	230	
Weight	kg	5.3	3	7.3		4.6		5.3	
Dimensions l x w x h	mm	319 x 547 x 109		230 x 700 x 125		362 x 545 x 121		322 x 677 x 112	
Compatible refrigerant		R134a / R1234yf							
Blower voltage	V	12	24	12	24	12	24	24	12
Receiver dryer		No		No		Yes		No	
Pressure switch		No		No		No		No	
Part number		830012300024	830012300124*	830012300053	830012300153	830012300052	830012300152	830012300126	830012300028

* not hermetically sealed

Kondor with hermetically sealed-electrical connector



Model		10S	14D		15D		
Condenser dissipated power	V	10	14		15		
Electrical consumption	W	225	230		230		
Weight	kg	8	5.4	8.8	8.7	12.2	
Dimensions l x w x h	mm	322 x 677 x 112		458 x 793 x 120		473 x 909 x 140	
Compatible refrigerant		R134a / R1234yf					
Blower voltage	V	12	24	12	24	12	24
Receiver dryer		Yes		No		Yes	
Pressure switch		No		No		Yes*	
Part number		830012300042	830012300128	830012300023	830012300123	830012300050	830012300150

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

CONDENSERS

CONDENSER UNITS



Power K Horizontal

Cooling performance	kW	2.2	4				3.2
Electrical consumption	W	90					
Weight	kg	20.8	19.5	17	19.6	20	28
Ventilation speed levels		1					
Dimensions l x w x h	mm	200 x 458 x 598					
Compatible refrigerant		R134a					
Blower voltage	V	12	24	12	24	220	
Compressor voltage AC or DC		DC				AC	
Compressor voltage	V	12	24	35 – 59	60 – 92	115 – 130	220
Controller voltage	V	12/24					
Input signal control		ON/OFF					
Maximum compressor power consumption	W	820	1,500	1,320	1,600	1,000	
Part number		830012600002	830012600102	830012600208	830012219325	830012219325	830012219325

Pressure switch included.
Receiver dryer included.



Power K Vertical

Cooling performance	kW	2.2	4				3.2
Electrical consumption	W	90					85
Weight	kg	20.1	20.8	17.2	20	22	27.5
Ventilation speed levels		1					
Dimensions l x w x h	mm	200 x 458 x 598					
Compatible refrigerant		R134a					
Blower voltage	V	12	24	12	24	12	220
Compressor voltage AC or DC		DC				AC	
Compressor voltage	V	12	24	35 – 59	35 – 59	60 – 92	220
Controller voltage	V	12 / 24					
Input signal control		ON / OFF					
Maximum compressor power consumption	W	820	1,500	1,320		1,000	
Part number		830012600001	830012600101	830012600210	830012600200	830012600211	830012610001

Pressure switch included.
Receiver dryer included.

Power K Reverse

Cooling performance	kW	2.2	4		3.2	
Electrical consumption	W	90				
Weight	kg	17.2	17.1	17.2	27.6	
Ventilation speed levels		1				
Dimensions l x w x h	mm	204 x 566 x 445		200 x 458 x 598		
Compatible refrigerant		R134a / R1234yf		R134a		
Blower voltage	V	12	24	12		
Compressor voltage AC or DC		DC			AC	
Compressor voltage	V	12	24	35 – 59	220	
Controller voltage	V	12 / 24				
Input signal control		ON / OFF				
Maximum compressor power consumption	W	820	1,500	1,200	1,000	
Part number		830012600207	830012600209	830012600206	830012610002	

Pressure switch included.
Receiver dryer included.

COMPRESSORS

BELT DRIVEN APPLICATIONS

K Compressors

Model		K0060	K0090
Weight kg		4.3	4.8
Dimensions l x w x h mm		104 x 150 x 146	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 kg		7.2	8	7.7	7.5	7.2	8
Dimensions l x w x h mm		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
Rotation		Clockwise					
Displacement CC		155					
Part number		830070008010	830070008003	830070008103	830070008006	830070008001	830070008100

TM16

Weight kg		8.1	
Dimensions l x w x h mm		246 x 124 x 124	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 kg		5
Dimensions l x w x h mm		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	kg	12
Dimensions l x w x h	mm	162 x 388 x 153
Compatible refrigerant		R134a
Flow	l/min	60 – 65
Pressure	bar	12
Part number		830070012201

SH

Cooling performance	kW	4.0	4.6	6.32
Weight	kg	6	5.9	6.3
Dimensions l x w x h	mm	135 x 207 x 155	135 x 208 x 155	123 x 203 x 155
Compatible refrigerant		R134a / R1234yf		
Compressor voltage	V	24	35 – 65	58 – 32
Input signal control		3 steps		
Maximum compressor power consumption	W	2,200	2,100	2,330
Displacement	CC	24	27	34
Associated flange kit		830070001250	830070001250	830070001250
Part number		830070008321	830070008337	830070008341

DC current.
Rotation clockwise.

ELECTRICALLY DRIVEN APPLICATIONS



SH

Cooling performance	kW	2.2	2.5
Weight	kg	5.6	5.5
Dimensions l x w x h	mm	135 x 207 x 155	154 x 205 x 155
Compatible refrigerant		R134a / R1234yf	
Compressor voltage	V	12	40 – 95
Input signal control		3 steps	
Maximum compressor power consumption	W	1,200	1,200
Displacement	CC	18	
Associated flange kit		830070001250	830070001250
Part number		830070008320	830070008329

DC current.
Rotation clockwise.

SH

Cooling performance	kW	4.6	5.3	5.8
Weight	kg	6.3	5.7	6.2
Dimensions l x w x h	mm	135 x 207 x 155	123 x 204 x 155	127 x 282 x 172
Compatible refrigerant		R134a / R1234yf		
Compressor voltage	V	220 – 425	78 – 120	400 – 750
Controller voltage	V	12		9 – 36
Input signal control		PWM		CAN
Maximum compressor power consumption	W	2,200		5,800
Orientation of connection	H/V	H	NA	
Displacement	CC	18		
Associated flange kit		830070001250	830070001250	830070001367
Part number		830070008364	830070008343	830070008339

DC current.
Rotation clockwise.

PRESSURIZATION

PRESSURIZATION SYSTEM



K Protec

Air flow	m ³ /h	30-90		52			
Electrical consumption	W	50					
Weight	kg	6.1	5.9	6.1	7	7.7	7.6
Dimensions l x w x h	mm	336 x 529 x 109					
Blower voltage	V	12	24	12	24		
Filter type category		2		4			
Pressure regulation		Mechanical	Mechanical	Mechanical	Electronic	Mechanical	Electronic
Part number		830012170001	830012170101	830012170002	830012170000	830012170102	830012170100

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

OVERPRESSURE FLAPS



Model		Uncalibrated overpressure flap	Calibrated overpressure flap
Dimensions l x w x h	mm	130 x 110 x 30	137 x 173 x 31
Part number		830034008058	830034008068

AIR FILTERS



Model		Class 2 air filter	Class 4 air filter
Weight	g	1,500	3,060
Dimensions l x w x h	mm	500 x 100 x 110	
Part number		8300340702400	8300340702380

LEAK GENERATOR



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

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 EVO4), whilst the adapter kit is selected by vehicle type.



1. Basic Kits

Model	Falkon HVAC	Falkon VAC	Kool 2 HVAC	Kool 2 VAC	HK EVO4 HVAC	HK EVO4 VAC
Part number	8300700255440	830070025450	8300700255460	8300700255470	8300700255480	8300700255490



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	VW Crafter, Man TGE (SY/SZ)
Part number	8300700014310	8300700014320	8300700014330	8300700014340	8300700014350	8300700014360



3. Operating Devices (delivered with wiring harness)

Model	PCK3 VAC	PCK3 HVAC
Part number	8300340306500	8300340306510



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 1 HV

Model	E		FAI		FAI 12V gray
Heating performance	kW		1.7		
Air flow	m ³ /h		110		
Electrical consumption	W		7		
Weight	kg		1		
Water connection	Ø mm		16		
Ventilation speed levels			2		
Dimensions l x w x h	mm		141 x 170 x 131		141 x 210 x 144
Blower voltage	V		12	24	12
Part number	830012014057		830012014157	830012014081	830012014181 830012014082

Brushless motor included.

WATER BLOWER HEATERS



Alizé 2 HV

Model	E		ED1	ED2		ED4	
Heating performance kW				3.4			
Air flow m ³ /h				220			
Electrical consumption W				70			
Weight kg	1.4		1.8	1.7		1.5	
Water connection Ø mm				16			
Ventilation speed levels				3			
Dimensions l x w x h mm	189 x 175 x 132		215 x 175 x 132	214 x 175 x 132		214 x 175 x 132	
Blower voltage V	12	24	12	12	24	12	24
Part number	830012014300	830012014400	830012014308	830012014307	830012014400	830012014302	830012014407



Alizé 2 VI HV

Model	FAI	
Heating performance kW	3.4	
Air flow m ³ /h	220	
Electrical consumption W	45	
Weight kg	3	3
Water connection Ø mm	16	
Ventilation speed levels	3	
Dimensions l x w x h mm	146 x 196 x 328	
Blower voltage V	12	24
Part number	830012014301	830012014401



Kosto 2 HV

Model	G
Heating performance kW	3.8
Air flow m ³ /h	220
Electrical consumption W	20
Weight kg	2.2
Water connection Ø mm	16
Ventilation speed levels	2
Dimensions l x w x h mm	360 x 125 x 125
Blower voltage V	12
Part number	830012023001

Brushless motor included.



Baikal 3 HV

Model	G	
Heating performance kW	4	
Air flow m ³ /h	200	
Electrical consumption W	15	
Weight kg	2.5	
Water connection Ø mm	16	
Ventilation speed level	1	
Dimensions l x w x h mm	757 x 80 x 156	
Blower voltage V	12	24
Part number	830012024023	830012024123

Brushless motor included.

WATER BLOWER HEATERS

Kuba HV



Model	G	G, gray			FAI*		FAI	FAI, gray	
Heating performance kW		4.9			3.3			4.9	
Air flow m ³ /h		270			150			270	
Electrical consumption W		110			7			110	
Weight kg		1.7			1.5		2.1	1.7	
Water connection Ø mm		16			16			16	
Ventilation speed levels		3			2			3	
Dimensions l x w x h mm		238 x 262 x 195			148 x 262 x 195			238 x 262 x 195	
Blower voltage V	12	12	24	12	24	12	12	24	
Part number	830012018053	830012018054	830012018154	830012018085	830012018185	830012018050	830012018051	830012018151	

* Brushless motor included.

Compact EV01 HV



Model	G		KC		FAI	
Heating performance kW			4.3			
Air flow m ³ /h			230			
Electrical consumption W			70			
Weight kg	1.6	1.7	1.5	1.7	2	2.2
Water connection Ø mm			16			
Ventilation speed levels			3			
Dimensions l x w x h mm	190 x 255 x 114		205 x 255 x 114		299 x 280 x 114	
Blower voltage V	12	24	12	24	12	24
Part number	830012032002	830012032102	830012032013	830012032113	830012032003	830012032103

Compact EV01 HV



Model	E		ED1		ED4	
Heating performance kW			4.3			
Air flow m ³ /h			230			
Electrical consumption W			70			
Weight kg	1.5		1.7		1.7	
Water connection Ø mm			16			
Ventilation speed levels			3			
Dimensions l x w x h mm	189 x 255 x 114		254 x 255 x 114		232 x 255 x 114	
Blower voltage V	12	24	12	24	12	24
Part number	830012032000	830012032100	830012032015	830012032115	830012032001	830012032101

AK HV



Model	E			ED4		
Heating performance kW	4.9	6		4.9	6	
Air flow m ³ /h	270	350		270	350	
Electrical consumption W	110	205		110	205	
Weight kg	1.7	1.5	2	2.5	1	1.8
Water connection Ø mm				16		
Ventilation speed levels				3		
Dimensions l x w x h mm	223 x 217 x 175	235 x 217 x 175	235 x 217 x 175	255 x 250 x 177	268 x 250 x 177	
Blower voltage V	12	12	24	12	24	12
Part number	830012018300	830012018005	830012018105	830012018302	830012018107	830012018007

WATER BLOWER HEATERS



Compact EV02 HV

Model	E		ED1	ED4		ED4*
Heating performance kW			5.2			
Air flow m ³ /h			350			
Electrical consumption W			100			
Weight kg	2.2		2.2	2.5		2.8
Water connection Ø mm			16			
Ventilation speed levels			3			
Dimensions l x w x h mm	196 x 273 x 114		260 x 273 x 114	241 x 273 x 114		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-flap outlet.



Silencio 2 HV

Model	G				
Heating performance kW	5.5				
Air flow m ³ /h	250				
Electrical consumption W	16				
Weight kg	1.6		1.1		2
Water connection Ø mm	16		22		
Ventilation speed levels	2				
Dimensions l x w x h mm	129 x 321 x 152				
Blower voltage V	12	24	12	12	
Part number	830012014030	830012014130	830012014038	830012014138	

Brushless motor included.



Compact EV02 HV

Model	G		KC		FAI
Heating performance kW			5.2		
Air flow m ³ /h			350		
Electrical consumption W			100		
Weight kg	2.3		2.6		3.2
Water connection Ø mm			16		
Ventilation speed levels			3		
Dimensions l x w x h mm	197 x 273 x 114		211 x 273 x 114		312 x 332 x 114
Blower voltage V	12	24	12	24	12
Part number	830012027006	830012027106	830012027013	830012027113	830012027010



Super K HV

Model	E		ED4		Box ED4	
Heating performance kW			7.6			7.5
Air flow m ³ /h			500			
Electrical consumption W			100			
Weight kg	3.1				4.2	
Water connection Ø mm			16			
Ventilation speed levels			3			
Dimensions l x w x h mm	216 x 368 x 137		268 x 368 x 137		216 x 368 x 137	
Blower voltage V	12	24	12	24	12	24
Part number	830012026006	830012026102	830012026001	830012026101	830012026009	830012026109

WATER BLOWER HEATERS



Super K HV

Model	G		KC	
Heating performance kW	7.6		7.6	
Air flow m ³ /h	500		500	
Electrical consumption W	100		100	
Weight kg	2.9		2.9	
Water connection Ø mm	16		16	
Ventilation speed levels	3		3	
Dimensions l x w x h mm	220 x 368 x 137		250 x 368 x 137	
Blower voltage V	12	24	12	24
Part number	830012026000	830012026100	830012026008	830012026108



Kinox HV

Model	ED4	
Heating performance kW	10	
Air flow m ³ /h	520	
Electrical consumption W	180	
Weight kg	5.9	6
Water connection Ø mm	16	
Ventilation speed levels	3	
Dimensions l x w x h mm	286 x 440 x 130	
Blower voltage V	12	24
Part number	830012016010	830012016110



KAB HV

Model	KAB HV 7.6		KAB HV 10		KAB HV 14.8	
Heating performance kW	7.6		10		14.8	
Air flow m ³ /h	170		265		370	
Electrical consumption W	100		180		360	
Weight kg	5.7	5	5.5	7	6	
Water connection Ø mm	16		16		16	
Ventilation speed levels	3		3		3	
Dimensions l x w x h mm	380 x 589 x 130		380 x 589 x 161		380 x 589 x 169	
Blower voltage V	12	24	12	24	12	24
Part number	830012026011	830012026111	830012012204	830012012304	830012029012	830012029112

With integrated air diffusion and control unit.



Kool 2 HV

Model	E		ED6		KC		FAI
Heating performance kW	10		10		10		10
Air flow m ³ /h	520		520		520		520
Electrical consumption W	180		180		180		180
Weight kg	3.9	4	4.3		4.4	4.3	
Water connection Ø mm	16		16		16		16
Ventilation speed levels	3		3		3		3
Dimensions l x w x h mm	261 x 384 x 158		306 x 384 x 158		293 x 384 x 158		309 x 476 x 158
Blower voltage V	12	24	12	24	12	24	24
Part number	830012012200	830012012300	830012012201	830012012300	830012012203	830012012303	830012012302

WATER BLOWER HEATERS



Falcon HV

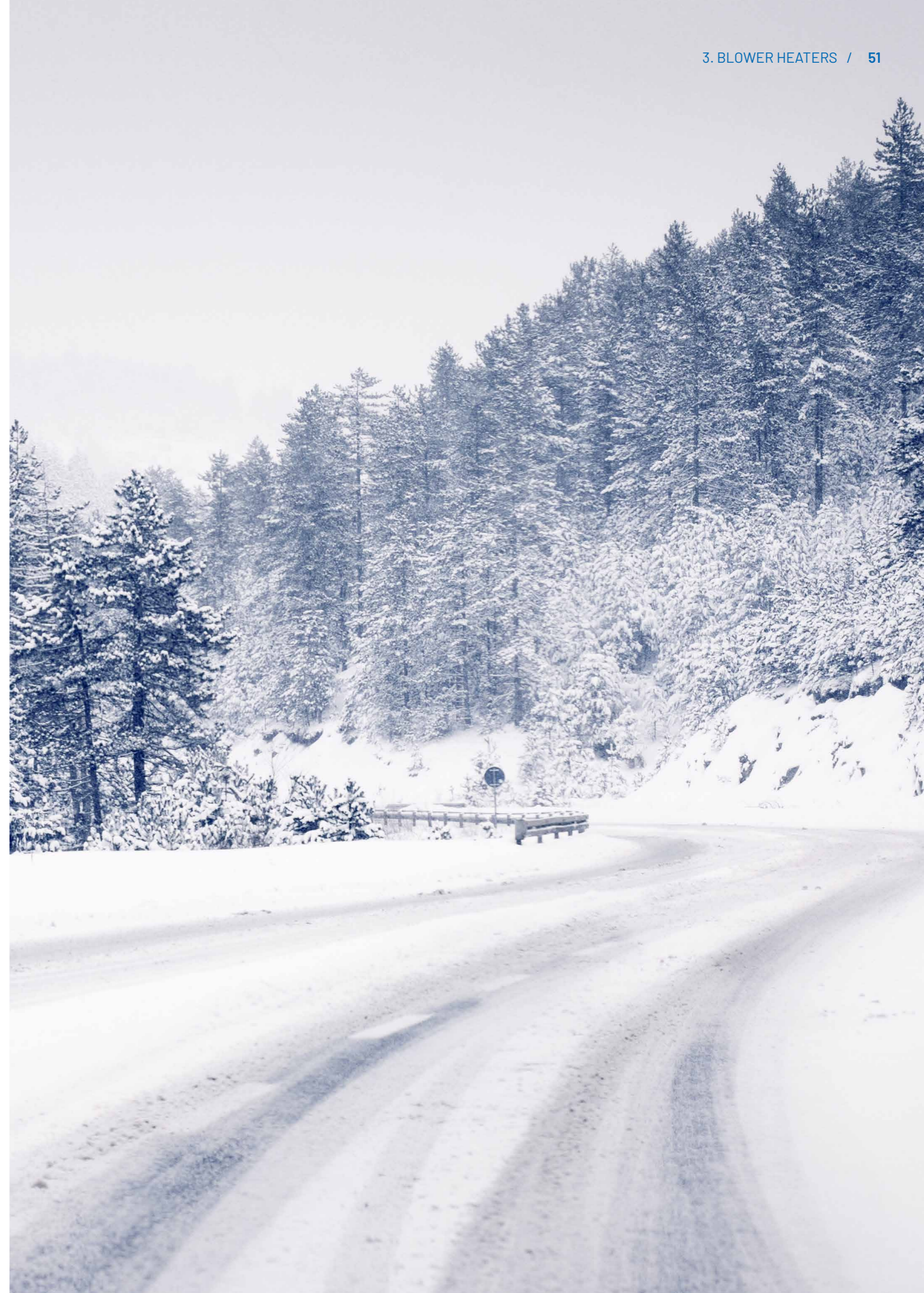
Model	E		ED6		KC	
Heating performance kW			14.8			
Air flow m ³ /h			725			
Electrical consumption W			360			
Weight kg	5.4		5.5	5	5.6	
Water connection Ø mm			16			
Ventilation speed levels			3			
Dimensions l x w x h mm	296 x 432 x 167		341 x 432 x 167		328 x 432 x 167	
Blower voltage V	12	24	12	24	12	24
Part number	830012029000	830012029100	830012029001	830012029101	830012029007	830012029107



Falcon Box HV

Model	E		ED6 Maritime*	
Heating performance kW			14.8	
Air flow m ³ /h			725	
Electrical consumption W			360	
Weight kg	7		7.2	
Water connection Ø mm			16	
Ventilation speed levels			3	
Dimensions l x w x h mm	495 x 510 x 173		495 x 510 x 183	
Blower voltage V	12		12	
Part number	830012031000		830012031001	

* Sealed product.



ELECTRIC BLOWER HEATERS



Minikelec EHV

Model	FAI						
Heating performance kW	0.17	0.3	0.42	0.48	0.75	0.9	
Air flow m ³ /h	70						
Electrical consumption W	8						
Weight kg	1	1.1	1	0.9	1.5		
Ventilation speed level	1						
Dimensions l x w x h mm	80 x 219 x 122						
Blower voltage V DC	24	24	12	24	24	12	12
PTC voltage V	24	24	12	24	24	80	48
Part number	830012030323	830012030322	830012030330	830012030321	830012030320	830012030300	830012030310

Brushless motor included.



Silencelek EHV

Model	FAI	
Heating performance kW	0.5	
Air flow m ³ /h	95	
Electrical consumption W	510	
Weight kg	1.2	
Ventilation speed levels	2	
Dimensions l x w x h mm	80 x 210 x 156	
Blower/PTC voltage V AC	230	
Part number	830012030400	

Brushless motor included.



Kelec EV01 EHV

Model	E									
Heating performance kW	0.85	1.7								
Air flow m ³ /h	230									
Electrical consumption W	50									
Weight kg	1.5	1.6								
Ventilation speed levels	3									
Dimensions l x w x h mm	189 x 255 x 114								237 x 255 x 114	
Blower voltage V DC	24	12					24	48		
PTC voltage V	80	24	80	48	48-59	60-120	48	24	48	
Part number	830012033610	830012033100	830012033300	830012033200	830012033315	830012033305	830012033500	830012033400	830012033700	

Kelec EV01 EHV

Model	ED4									
Heating performance kW	0.6	0.85				1.7				
Air flow m ³ /h	230									
Electrical consumption W	50									
Weight kg	1.6	1.7	1.5	1.7	1.5	1.7			1.5	
Ventilation speed levels	3									
Dimensions l x w x h mm	237 x 255 x 114									190 x 255 x 114
Blower voltage V DC	24	12	12	12	12	12	24	24	24	
PTC voltage V	24	48	80	12	48	80	230	24	80	
Part number	830012030400	830012033211	830012033311	830012033101	830012033201	830012033301	8300120333801	830012033401	830012033601	830012033602

ELECTRIC BLOWER HEATERS

Kelec EV01 EHV

Model	G		
Heating performance kW	0.8	0.85	1.2
Air flow m³/h	230	230	230
Electrical consumption W	50	50	50
Weight kg	1.5	1.4	1.6
Ventilation speed levels	3	3	3
Dimensions l x w x h mm	190 x 255 x 114	190 x 255 x 114	190 x 255 x 114
Blower voltage V DC	24	12	24
PTC voltage V	24	80	24
Part number	830012033903	830012033302	830012033402



Kelec EV02 EHV

Model	ED4								G
Heating performance kW	1.2	1.5			1.7				
Air flow m³/h	350								
Electrical consumption W	100								
Weight kg	2.5	2.6	2.4	2.5	2.4	2.5	2.4	2.5	
Ventilation speed levels	3								
Dimensions l x w x h mm	244 x 273 x 114		196 x 273 x 114		244 x 273 x 114			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	
Part number	830012034201	830012034401	830012034100	830012034400	830012034101	830012034404	830012034301	830012034201	830012034405



Kelec EV02 EHV

Model	E					ED4			
Heating performance kW	1.7	1.8			0.85				
Air flow m³/h	350								
Electrical consumption W	100								
Weight kg	2.4	2.5	2.8		2.5	1.5			
Ventilation speed levels	3								
Dimensions l x w x h mm	196 x 273 x 114					244 x 273 x 114			
Blower voltage V DC	12	12	24	24	48	12	12	12	
PTC voltage V	80	48	60 – 120	48 – 59	48	48	48 – 59	60 – 120	
Part number	830012034600	830012034200	830012034500	830012034510	830012034800	830012034211	830012034321	830012034311	



AK EHV

Model	E	
Heating performance kW	1.2	1.4
Air flow m³/h	235	
Electrical consumption W	70	
Weight kg	1.7	
Ventilation speed levels	3	
Dimensions l x w x h mm	220 x 175 x 175	
Blower voltage V DC	12	
PTC voltage V	24	48
Part number	830012030200	830012030201

ELECTRIC BLOWER HEATERS



Alizé 2 EHV

Model	E					
Heating performance kW	1.8					
Air flow m ³ /h	210					
Electrical consumption W	45					
Weight kg	1.4	1.5	3	1.5		
Ventilation speed levels	3					
Dimensions l x w x h mm	189 x 175 x 132					
Blower voltage V DC	12	24	24	12	24	12
PTC voltage V	48	48 – 59	60 – 120	80	80	96
Part number	830012036001	830012036125	830012036105	830012036003	830012036112	830012036005



Alizé 2 VI EHV

Model	FAI						
Heating performance kW	1.8						
Air flow m ³ /h	210						
Electrical consumption W	45						
Weight kg	2	3	2	3.1	2	3.1	
Ventilation speed levels	3						
Dimensions l x w x h mm	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



Alizé 2 EHV

Model	E		ED4		
Heating performance kW	1.8				
Air flow m ³ /h	210				
Electrical consumption W	45				
Weight kg	1.8	1.5	1.5	2	1.7
Ventilation speed levels	3				
Dimensions l x w x h mm	189 x 175 x 132		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

ELECTRIC BLOWER HEATERS

Kool 2 EHV



Model	E			ED6		
Heating performance kW	4	2		4		
Air flow m ³ /h	520					
Electrical consumption W	180					
Weight kg	4.4	5	5.4	4.8	4.8	5
Ventilation speed levels	3					
Dimensions l x w x h mm	261 x 384 x 156			306 x 384 x 156		261 x 384 x 156
Blower voltage V DC	12	24	24	12	12	12
PTC voltage V	350 – 750	24	230	80	60 – 120	350 – 750
Part number	830012038005	830012038012	830012038001	830012036003	830012038014	830012038009

Super K EHV



Model	ED4							
Heating performance kW	2		4					
Air flow m ³ /h	340							
Electrical consumption W	120							
Weight kg	3.7							
Ventilation speed levels	3							
Dimensions l x w x h mm	268 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	830012039011	830012039111	830012039015	830012039115	830012039010	830012039110	830012039012	830012039112

Super K EHV



Model	E							
Heating performance kW	2		4					
Air flow m ³ /h	340							
Electrical consumption W	120							
Weight kg	3.6							
Ventilation speed levels	3							
Dimensions l x w x h mm	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

Falkon EHV



Model	ED6			
Heating performance kW	3		6	
Air flow m ³ /h	725			
Electrical consumption W	360			
Weight kg	6	5.5	6.4	5.7
Ventilation speed levels	3			
Dimensions l x w x h mm	341 x 432 x 167			
Blower voltage V DC	24	24	12	24
PTC voltage V	48 – 59	60 – 120	300 – 800	
Part number	830012219324	830012219173	830012028016	830012028160

4. VENTILATION – ROOF VENTILATORS

VENTILATORS



ADT

Model	Autogire	
Weight	kg	0.9
Dimensions l x w x h	mm	245 x 245 x 113
Part number	830012140420	

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



ADT

Model	ADT 350		ADT 350	
Air flow	m³/h	315	629	
Electrical consumption	W	37	72	73
Weight	kg	1.5	1.5	
Dimensions l x w x h	mm	303 x 310 x 53		
Blower voltage	V	12	24	
Part number		830012140405	830012140406	830012140410



ADT

Model	ADT 452				ADT 750		
Air flow	m³/h	629					
Electrical consumption	W	72	73	72	73	72	73
Weight	kg	1.8		1.7	1.8	2.1	
Dimensions l x w x h	mm	320 x 360 x 65			340 x 388 x 80	339 x 388 x 80	
Blower voltage	V	12	24	24	12	12	24
Part number		830012140415	830012140416	830012140456	830012140458	830012140000	830012140100

MOUNTING PLATES



ADT mounting plates

Model	Sprinter	Master X62	Ducato
Weight	kg	0.5	
Dimensions l x w x h	mm	435 x 390 x 23	
Part number	830034017041	830034017079	830034017130

ROOF VENTILATORS

AIR DIFFUSERS



Rondo air diffusers

Model	BR black	BR gray	BR white	GR black	GR gray	GR white
Weight kg	0.3					
Dimensions l x w x h mm	22 x 280 x 280					
Fixing type	Screw					
Part number	830034003021	830034003036	830034003031	830034003020	830034003035	830034003030



Basic lateral air diffusers

Weight kg	0.5
Dimensions l x w x h mm	38 x 282 x 282
Fixing type	Screw
Part number	830034003115



Lateral air diffusers with LED

Weight kg	0.5
Dimensions l x w x h mm	38 x 282 x 282
Fixing type	Screw
Voltage V	12
Part number	830034003116

WALL VENTILATORS



ADP

Model	ADP 200		
Air flow m ³ /h	200		
Electrical consumption W	10		
Weight kg	0.4	0.3	0.9
Ventilation speed levels	2		
Dimensions l x w x h mm	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	m ³ /h	90	200	
Electrical consumption	W	3.6	10	16
Weight	kg	0.5	0.3	
Ventilation speed levels		1	2	1
Dimensions l x w x h	mm	93 x 93 x 25	119 x 119 x 38	1,120 x 120 x 38
Blade diameter	Ø mm	NA		
SPAL part number		NA		
Blower voltage	V	12	24	24
Part number		830012140602	830012140603	830012160020

* Brushless.



VA

Model	VA 630	VA 740	
Air flow	m ³ /h	630	740
Electrical consumption	W	68	68
Weight	kg	1.2	0.9
Ventilation speed levels		3	1
Dimensions l x w x h	mm	209 x 202 x 51	202 x 202 x 52
Blade diameter	Ø mm	NA	
Blower voltage	V	12	24
Part number		830012160029	830012160040

VA

Model	VA 1270	VA 1360	VA 1800	VA 1860		
Air flow	m ³ /h	1,270	1,360	1,800	1,860	
Electrical consumption	W	224	113	180	130	
Weight	kg	1.2	1.1	2.3	1.8	
Ventilation speed levels		1				
Dimensions l x w x h	mm	284 x 284 x 51		303 x 303 x 95		
Blade diameter	Ø mm	255			305	
SPAL part number		VA11BP7C29S	VA11AP7/C57A	VA53AP70/LL-39A	VA10AP50C25A	
Blower voltage	V	24	12	12	12	
Part number		830012140559	830012140554	830012140561	830012140572	

VA

Model	VA 1950	VA 2800	VA 2860	
Air flow	m ³ /h	1,950	2,800	2,860
Electrical consumption	W	150	130	234
Weight	kg	2.2	2.3	2.4
Ventilation speed levels		1		
Dimensions l x w x h	mm	303 x 303 x 95	335 x 335 x 62	331 x 331 x 95
Blade diameter	Ø mm	255		305
SPAL part number		VA53BP70/LL-39A	VA15BP70/LL-39S	VA10BP50C25A
Blower voltage	V	24	24	24
Part number		830012140564	830012140552	830012140573

RADIAL BLOWERS

SINGLE RADIAL BLOWERS



VRS

Model	VRS 260		VRS 260 Ø 55	
Air flow	m ³ /h		260	
Electrical consumption	W		60	
Weight	kg	0.6	0.7	0.9
Ventilation speed levels	3			
Dimensions l x w x h	mm		113 x 119 x 128	
SPAL part number	008A 10093D	008B 10093D	NA	
Blower voltage	V	12	24	24
Part number	830012130030	830012130012	830012130024	830012130013

DOUBLE RADIAL BLOWER



VRD

Model	VRD 750		VRD 850		
Air flow	m ³ /h		750		
Electrical consumption	W		200		
Weight	kg	1.6	1.9	1.6	
Ventilation speed levels	3				
Dimensions l x w x h	mm		114 x 310 x 128		140 x 351 x 167
SPAL part number	008A4502	008B4502	NA		006B4622
Blower voltage	V	12	24	12	24
Part number	830012120012	830012120004	830012140002	830012140003	830012140517



VRS

Model	VRS 350				VRS 1065
Air flow	m ³ /h				1,065
Electrical consumption	W				643
Weight	kg	1.3	1.1	1	2.2
Ventilation speed levels	3				
Dimensions l x w x h	mm		145 x 139 x 165		73 x 175 x 211
SPAL part number	009A7074D	009B7074D	NA		007A5432D RA3VCB
Blower voltage	V	12	24	12	24
Part number	830012130001	830012130011	830012130512	830012130515	830012130019



VRD

Model	VRD 1000	VRD 1020	VRD 1050	VRD 1160
Air flow	m ³ /h			
Electrical consumption	W			
Weight	kg			
Ventilation speed levels	3			
Dimensions l x w x h	mm			
SPAL part number	NA			
Blower voltage	V			
Part number	830012120002			


5. ACCESSORIES – AIR OUTLETS AND AIR DIFFUSION

EVAPORATOR AND BLOWER HEATERS

Alizé 2




Model	ED2 Ø 55	ED4 Ø 55
Dimensions l x w x h mm	11 x 133 x 129	
Part number	830034004343	830034004338

Compact EVO4





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

Compact EV01/V02

Model	ED1 Ø 100	ED2 Ø 60**/**	ED3 Ø 60	ED3 Ø 55**	G	KC
Dimensions l x w x h mm	72 x 224 x 108		52 x 224 x 108	22 x 224 x 108	7 x 224 x 108	14 x 224 x 108
Part number	830034007979	830034007980	830034007981	830034007982	830034007432	830034003412


Super K

Model	ED4 Ø 55	G	KC
Dimensions l x w x h mm	55 x 264 x 108	12 x 264 x 110	38 x 265 x 106
Part number	830034007527	830034007348	830034007778

* To screw.
** Without connector.

Compact EV02



Model	ED4 Ø 55
Dimensions l x w x h mm	53 x 224 x 108
Part number	830034007392

AIR OUTLETS AND AIR DIFFUSION

EVAPORATOR AND BLOWER HEATERS

Falkon

Model	ED6 Ø 55	KC	KC white
Dimensions l x w x h mm	51 x 336 x 131	38 x 336 x 139	29 x 336 x 106
Connector (PAP duct)	NA	NA	Yes
Part number	830034007075	830034017148	830034017582

HK EVO4

Model	ED5 Ø 60	ED8 Ø 70	KB chrome
Dimensions l x w x h mm	63 x 698 x 93	40 x 705 x 93	63 x 698 x 93
Connector (PAP duct)	Yes	Yes	No
Fixing type	Screw		
Associated parts	8300340083570	8300340083590	NA
Part number	830034017558	830034004345	830034017514

ROOFTOP UNITS



Klimatop

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

RK4

Control unit	Yes	
Dimensions l x w x h mm	85 x 398 x 340	
Weight kg	1	
Blower voltage V	12	24
Part number	830034003121	830034003122

Electric installation set

Model	RK4 CPE/CPF Installation set	
Weight kg	2.7	
Part number	830070015583	

AIR OUTLETS AND AIR DIFFUSION

ROOFTOP UNITS

RK9

Model	Without control unit	PCK2	PCK3			
Control unit	No	Yes				
Function	NA	HVAC		EHVAC	HV	
Automatic or manual	NA	Auto	Manual			
Ventilation control (3 speeds or 0-100%)	NA	0 – 100	3	0 – 100	3	
Water temperature control	NA	Proportional	Manual			
PTC heater control	NA			3 positions	NA	
Air recycling control	NA		Yes	No		
A/C control	NA	Yes		Yes	No	
Defrosting control	NA	Yes	No			
Type On-Off / 4 positions	NA		4 positions			
Fixing type	Screw					
Dimensions l x w x h mm	50 x 440 x 505					
Weight kg	1.3	1.7				
Controller voltage V	NA	12/24	12/24	24	12/24	12/24
Part number	830034017759	830034017774	830034017781	830034017773	830034017782	830034017780



RK12/14

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

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

LOUVERS



KE

Model	Without spring		With spring	
Cutout size mm	47		47	
External diameter mm	49		49	
Fixing type	Clip		Spring	
Part number	830034011241		830034011240	



KF

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



KF

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

AIR OUTLETS AND AIR DIFFUSION

LOUVERS

KF connector

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



KC

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



KC

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



KB

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



KB

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

AIR OUTLETS AND AIR DIFFUSION

LOUVERS



KB

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

KB – with connector

Ø Connector	Black	Chrome
Ø 40	830034011140	830034011340
Ø 45	830034011145	-
Ø 50	830034011150	830034011350
Ø 55	830034011155	830034011355
Ø 60	830034011160	830034011360
Ø 65	830034011165	-
Ø 70	830034011170	830034011370

KB with connector 18°

Ø Connector	Black	Gray	Chrome
Ø 45	830034011118	830034011119	830034011120

KB with elbow connector 90°

Ø Connector	Black	Chrome
Ø 45/55	830034011190	830034011356



KB

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

KB – internal protective grid

External diameter	mm	77
Fixing type		Clip
Part number		8300340170780

AIR OUTLETS AND AIR DIFFUSION

LOUVERS



KA

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



KA

Model	With connector
Cutout size	77
Fixing type	Clip
Fixing thickness	1.5 – 7
Connector (PAP duct)	Yes
Associated parts	Kaledonia range

KA – with connector

Ø Connector	Black
Ø 40	830034011040
Ø 45	830034011045
Ø 50	830034011050
Ø 55	830034011055
Ø 60	830034011060
Ø 65	830034011065
Ø 70	830034011070

KA with connector 18°

Ø Connector	Black	Gray
Ø 45	830034011018	830034011019



KA with elbow connector 90°

Ø Connector	Black
Ø 45/55	830034011059



KA

Model	Screw-fit
Cutout size	77
Fixing type	Screw
Connector (PAP duct)	No
Associated parts	Kaledonia range
Part number	830034011005

KG

Model	With spring, black	With spring, chrome
Cutout size	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 mm	77	
Fixing type	Clip	
Fixing thickness mm	2 – 5	
Connector (PAP duct)	No	
Associated parts	Kaledonia range	
Part number	830034008900	830034008901



KG

Model	With connector
Cutout size mm	77
Fixing type	Clip
Fixing thickness mm	2 – 5
Connector (PAP duct)	Yes
Associated parts	Kaledonia range

KG with connector

Ø Connector	Black	Gray	Chrome
Ø 40	830034008940	830034008941	830034008942
Ø 45	-	830034008946	830034008947
Ø 50	830034008950	830034008951	830034008952
Ø 55	830034008955	830034008956	830034008957
Ø 60	830034008960	830034008961	830034008962
Ø 65	830034008965	830034008966	830034008969
Ø 70	830034008970	830034008971	830034008972



KG with elbow connector 90°

Ø Connector	Black
Ø 55/45	830034008990



KG

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



Twist base

External diameter mm	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	Ø 45	Ø 45 18°	18°
Cutout size	mm 77	48	77
External diameter	mm NA	76	NA
Fixing type		Clip	
Fixing thickness	mm 2 – 5	NA	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	mm 93	93
External diameter	mm 97	97
Fixing type	Clip	Spring
Fixing thickness	mm 3.2	NA
Connector (PAP duct)		No
Part number	830034011371	830034011372



KM

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



3-flap

Model	Without spring	With spring
Cutout size	mm 83	83
External diameter	mm 87	87
Fixing type	Clip	Spring
Fixing thickness	mm 8	NA
Connector (PAP duct)		No
Part number	830034011505	830034011516

AIR OUTLETS AND AIR DIFFUSION

RECTANGULAR LOUVERS



KD

Model	Black		Chrome	Black		Chrome
Customer interface/ cutting dimensions	122 x 50 (132 for screws)	150 x 34 (160 for screws)	122 x 50 (132 for screws)	122 x 50	149.7 x 34	122 x 50
Dimensions l x w x h	144 x 27 x 52	176 x 23 x 37	144 x 27 x 52	132 x 27 x 52	157 x 23 x 37	132 x 27 x 52
Fixing type	Clip / Screw			Clip		
Fixing thickness	2.4 – 3.5	2.25 – 3.7	2.4 – 3.5	2.4 – 3.5	2.25 – 3.7	2.4 – 3.5
Connector (PAP duct)	No					
Associated parts	830034007082	NA	830034007082	830034007082	NA	830034007082
Part number	830034008031	830034008033	830034008034	830034008030	830034008032	830034008035



KH

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



QDC connector

Model	Ø 55
Customer interface/ cutting dimensions	mm 55.5 x 128
Dimensions l x w x h	mm 60 x 140 x 48
Fixing type	Screw
Associated parts	830034070024 / 830034008004
Part number	830034007082

AIR OUTLETS AND AIR DIFFUSION

GRILLES

Adjustable and closable grille



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

Closable grille



Customer interface/ cutting dimensions	mm	169 x 32
Dimensions l x w x h	mm	40 x 200 x 29
Fixing type		Screw
Part number		830034022036

QDC connectors



Model		Ø 40	Ø 55
Customer interface/ cutting dimensions	mm	NA	40 x 174
Dimensions l x w x h	mm	68 x 200 x 39	40 x 197 x 73
Fixing type		Screw	
Part number		830034024060	830034007078

Round grilles



Model		Black		Gray	Black	Gray	Black		
Cutout size	mm	NA		69			NA		
Dimensions l x w x h	mm	50 x 50 x 14	74 x 74 x 18	74 x 74 x 18	74 x 74 x 21	74 x 74 x 21	80 x 80 x 16	107 x 107 x 24	225 x 225 x 6
External diameter	mm	50	74	74	74	74	80	107	225
Fixing type		Clip			Spring		Clip	Spring	Clip
Fixing thickness	mm	43	1 – 10		NA		70	NA	
Part number		830034022012	830034022059	830034022059	830034022059	830034022059	830034022059	830034022059	830034022059

Single grilles



Model		Black		Gray
Customer interface/ cutting dimensions	mm	169 x 33		
Dimensions l x w x h	mm	40 x 192 x 9		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	mm	170 x 33		147.5 x 130		305 x 130	
Dimensions l x w x h	mm	40 x 192 x 7		140 x 156 x 18		140 x 314 x 18	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	182 x 33		71 x 8	220 x 25
Dimensions l x w x h	47 x 205 x 26		14 x 86 x 11	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	331 x 67		166 x 69
Dimensions l x w x h	90 x 383 x 7		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	136 x 326	366 x 72	516 x 72	NA	NA
Dimensions l x w x h	30 x 347 x 154	115 x 400 x 33	115 x 550 x 33	10 x 347 x 154	12 x 550 x 115
Fixing type	Screw				
Part number	830034022071	830034022055	830034022051	830034017660	830034007793

Paper filter

Model	400		550
Weight	72		100
Dimensions l x w x h	356 x 77 x 20		506 x 77 x 20
Part number	8300340702690		8300340702700

CONNECTORS

Air duct connectors



Dimensions l x w x h	76 x 76 x 30	90 x 28 x 90	108 x 60 x 108
External diameter	65	NA	
Fixing type	Clip	Screw	
Associated parts	PAP duct range		NA
Part number	830034024242	830034024032	830034024030

BUTTERFLY JUNCTIONS



Model	Mechanical shutter junction	Electric shutter junction	Additional flap for shutter junction
Dimensions l x w x h	59 x 88 x 72	61 x 115 x 86	33 x 86 x 60
Voltage	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	Ø 45/40	Ø 50/40	Ø 50/45	Ø 55/40	Ø 55/45	Ø 55/50
External diameter mm	81					
Fixing type	Clip					
Connector (PAP duct)	Yes					
Associated parts	PAP duct range					
Part number	830034024094	830034024019	830034024020	830034024019	830034024018	830034024035

Reducers

Model	Ø 55/55	Ø 55/60	Ø 60/40	Ø 60/45	Ø 60/50
External diameter mm	76	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	40 x 40 x 40	45 x 40 x 40	45 x 45 x 40	50 x 40 x 40	50 x 45 x 45	50 x 50 x 50
Dimensions l x w x h mm	81 x 79 x 103					
Connector (PAP duct)	Yes					
Associated parts	PAP duct range					
Part number	830034024070	830034024085	830034024098	830034024075	830034024076	830034024079

Y connector

Model	55 x 40 x 40	55 x 50 x 50	55 x 55 x 50	55 x 55 x 40
Dimensions l x w x h mm	81 x 79 x 103			
Connector (PAP duct)	Yes			
Associated parts	PAP duct range			
Part number	830034024077	830034024079	830034024084	830034024095

Y connector

Model	60 x 40 x 40	60 x 45 x 40	60 x 45 x 45	60 x 50 x 50	60 x 55 x 55	60 x 60 x 40	60 x 60 x 55	60 x 60 x 60
Dimensions l x w x h mm	81 x 79 x 103						NA x NA x 58	81 x 79 x 103
External diameter mm	NA						81	NA
Connector (PAP duct)	Yes							
Associated parts	PAP duct range							
Part number	830034024080	830034024087	830034024081	830034024082	830034024083	830034024088	830034024083	830034024099

Y connector

Model	With flap 40 x 40 x 40	With flap 45 x 45 x 45	With flap 50 x 50 x 50	With flap 55 x 55 x 55	With flap 60 x 60 x 60	With high temperature flap	Compact Ø 55 ext or Ø 45 int
Dimensions l x w x h mm	87 x 79 x 103					88 x 121 x 103	NA x NA x 86
Connector (PAP duct)	Yes						
Associated parts	PAP duct range						
Part number	830034024110	830034024111	830034024112	830034024113	830034024114	830034024214	830034008999

AIR OUTLETS AND AIR DIFFUSION

AIR DUCTS

PAP duct

Internal diameter	mm	40	45	50	55	60	65
Part number		830034070015	830034070002	830034070003	830034070004	830034070005	830034070006

Curvature radius 1 mm.
Fluid: air.

PAP duct

Internal diameter	mm	70	75	80	90	100
Part number		830034070016	830034070007	830034070017	830034070030	830034070029

Curvature radius 1 mm.
Fluid: air.

PAP duct – 5-meter roll

Internal diameter	mm	40	45	50	55
Part number		830034070021	830034070022	830034070023	830034070024

Curvature radius 1 mm.
Fluid: air.

PAP duct – 5-meter roll

Internal diameter	mm	60	65	70	80
Part number		830034070025	830034070026	830034070027	830034070028

Curvature radius 1 mm.
Fluid: air.

CONTROL UNITS

REMOTE CONTROLS



Model	Rotary		Axial	
Dimensions l x w x h	mm 55 x 70 x 52		24 x 88 x 24	
Cable length	mm 500	1,000	1,000	1,700
Part number	830034001710	830034001711	830034001127	830034001198

CONTROL PANELS



PCK2

Function	HVAC		EHVAC
Automatic or manual	Automatic		
Ventilation control (3 speeds or 0 – 100%)	0 – 100		
Water temperature control	Proportional		NA
Air recycling control	Yes	No	No
A/C control	Yes		
Defrosting control	Yes		
Dimensions l x w x h	mm 63 x 123 x 63		
Cutout size	mm 53.5 x 114		
Fixing thickness	mm 1.5 – 3		
Voltage	V 12 / 24		
Part number	830034030371	830034030370	830034030372

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		NA			
Air recycling control	No	Yes	No			
A/C control	No					
Defrosting control	No					
Dimensions l x w x h mm	60 x 123 x 63		65 x 123 x 63	99 x 123 x 63	65 x 123 x 63	
Voltage V	12 / 24					
Part number	830034030465	830034030466	830034030452	830034030461	830034030471	830034030473



PCK3

Model	Airtronic 2		Hydronic S3	
Function	VAC / Airtronic 2		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



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							
Defrosting control	No							
Dimensions l x w x h mm	60 x 123 x 63	65 x 123 x 63	99 x 123 x 63	60 x 123 x 63	154 x 123 x 63			
Voltage V	12 / 24						24	
Part number	830034030474	830034030451	830034030453	830034030460	830034030462	830034030458	830034030459	830034030472

CONTROL UNITS

SWITCHES



Rotary switches

Dimensions l x w x h	mm	25 x 25 x 49	33 x 33 x 12	56 x 56 x 59	29 x 27 x 49	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	mm	21 x 28 x 22
Part number		830034005217



Rocker switches

Dimensions l x w x h	mm	21 x 15 x 28	21 x 14 x 33	32 x 14 x 33*	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	mm	34 x 56 x 86
Voltage	V	12 / 24
Part number		830034030260

CONTROL ACCESSORIES



Knobs

Model	K9 knob		K10 knob and clip black	K11 knob chrome	K12 knob chrome
Dimensions l x w x h	mm	33 x 33 x 18	33 x 33 x 19	40 x 40 x 26	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	mm	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	mm	56 x 56 x 12		
Part number		830034017484	830034017485 830034017486	830034017487 830034017488

AIR CONDITIONING

RECEIVER DRYERS



Vertical or horizontal		V		H	
Weight	g	1,000	800	825	895
Male or female		M/M	M/F	M/M	M/F
Thread	∅	5/8" – 18 UNF			
Dimensions l x w x h	mm	76 x 76 x 230	64 x 64 x 210	64 x 64 x 209	80 x 80 x 267
Part number		830070004001	830070004003	830070004005	830070004006



Bracket

Dimensions l x w x h	mm	40 x 99 x 67
Part number		830070004301

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	bar	2 / 25	0.4 / 2	2 / 27	
Thread	3/8 – 24 UNF		7/16 – 20 UNF		
Compatible refrigerant	R134a / R1234yf				
Dimensions l x w x h	mm	21 x 21 x 45	29 x 29 x 47	24 x 24 x 189	24 x 24 x 184
Part number		830070002003	830070002004	830070002005	830070002017

Trinary



Model	Male pressure switch 3/16"	
Low / medium / high pressure	bar	2 / 15 / 27
Thread	3/8 – 24 UNF	
Compatible refrigerant	R134a / R1234yf	
Dimensions l x w x h	mm	26 x 26 x 49
Part number		830070002001

AIR CONDITIONING

EXPANSION VALVES

Model	2T screw-fit expansion valve	1.5T screw-fit expansion valve
Dimensions l x w x h mm	45 x 85 x 25	
Part number	830070001001	830070001002

ADAPTER SETS

Model / Chassis	EMP2	X250 rear option	X250	A5 (2015-2020)	W463	W447	Type SY/SZ
Vehicle	Berlingo, Combo life, ProAce City, Rifter	Boxer, Jumper, Ducato	Caddy IV	Class G 2nd generation 2018	Class V, Vito	Crafter, TGE	
Part number	830070001401	830070001168	830070001176	830070001324	830070001274	830070001400	830070001370

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	Nissan NV200	W907	X82	V363/V362	A-series	A5 (2010 – 2015) / T platform	
Vehicle	Master, NV400	Nissan NV200	Sprinter	Traffic, NV300	Transit, Transit custom	VW Amarok	VW Caddy 3 (phase 2), T5, T6	
Part number	830070001199	830070001303	830070001354	830070001372	830070001285	830070001272	830070001246	830070001111

AIR CONDITIONING

SPARE PARTS

Valve core

Dimensions l x w x h	mm	5 x 5 x 20
Part number		830070006500

REGULATION

Standard mechanical thermostat



Dimensions l x w x h	mm	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	mm 32 x 42 x 57		43 x 62 x 51	43 x 62 x 34	52 x 62 x 47	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	mm 800 x 5.5 x 6	800 x 4.5 x 5
Part number	8300700110100	8300700110230

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	°C	-30 / +80		
Pressure range	bar	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	mm	39 x 64 x 54		
Part number		830070003050	830070003051	830070003052

A/C solenoid valve bracket

Dimensions l x w x h	mm	2 x 37 x 71
Part number		830034004239

AIR CONDITIONING

MISCELLANEOUS ACCESSORIES



Compressor oils

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

Sealing strip

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

WATER PUMPS

Water connection	Ø mm	16	20
Flow	l/h	900	1,020
Max. pressure	bar	2.5	
Electric power	W	20	
Fluid temperature range	°C	-40 / +100	
Lifetime	h	5,000	
Weight	g	658	500
Dimensions l x w x h	mm	177 x 85 x 68	
Voltage	V	12	24
Part number		830034094001	830034094002

Collars included.

VALVES

MECHANICAL HEATING VALVES



Brass valves

External diameter Ø	mm	15	18	15	18	15	18
Fluid		Water					
Dimensions l x w x h	mm	60 x 80 x 44		34 x 58 x 42		78 x 58 x 62	
Accessories		NA		Lever		Knob	
Part number		830034006041	830034006042	830034006050	830034006051	830034006029	830034006030



Plastic valves

External diameter Ø	mm	16	12	16	12	16	12	16
Pressure range	bar	0 – 3	0 – 3	NA		NA		
Fluid		Water						
Dimensions l x w x h	mm	51 x 92 x 89	35 x 84 x 35	35 x 84 x 57	40 x 84 x 42	45 x 113 x 48		
Accessories		NA				Knob		
Fluid temperature range	°C	-40 / +120	-40 / +90	NA		Max. 85		
Part number		830034050003	830034050017	830034050015	830034050050	830034050051	830034050001	830034050002

PROPORTIONAL HEATING VALVES

Model		In/Out 90°	3-way
External diameter Ø	mm	16	
Pressure range	bar	0 – 6	NA
Fluid		Water	
Dimensions l x w x h	mm	36 x 102 x 109	74 x 113 x 89
Electrical power	W	4.2	8.4
Fluid temperature range	°C	-40 / +100	
Differential pressure	bar	2.5	
Voltage	V	12	24
Blower voltage	V	NA	
Part number		830034050029	830034050030
			830034050052

SOLENOID VALVES



Model	Plastic solenoid valve	Metal solenoid valves				Electric solenoid valves				
External diameter Ø	mm	16	16	20	16	20	16	20	16	
Differential pressure	bar	1	1.2		10		1.2		10	
Fluid		Water								
Dimensions l x w x h	mm	41 x 104 x 69	47 x 99 x 95	47 x 111 x 95	47 x 108 x 111	47 x 120 x 111	47 x 99 x 95	47 x 111 x 95	47 x 108 x 111	
Electrical power	W	3	18							
Fluid temperature range	°C	-20 / +100	-25 / +100		-30 / +100		-25 / +100		-30 / +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	mm	16	12	16	1/2"
Diameter Y	mm	16	16	16	—	98
Fixing type		Screw				
Dimensions l x w x h	mm	42 x 90 x 51	51 x 90 x 42	42 x 90 x 51	33 x 32	98 x 28
Part number		830034007062	830034017034	830034007063	830034024039	830034024059

DUCK BILL VALVES

Dimensions l x w x h	mm	13 x 13 x 28
Part number		830070000201

HEATING CONNECTORS

Brass connectors



Dimensions l x w x h	mm	21 x 35 x 21		21 x 41 x 21	
Diameter X	mm	14 – 1/2		16 – 1/2	
Fluid		Water			
Part number		830034024067	830034024005	830034024038	

Elbow connectors



Dimensions l x w x h	mm	43 x 43 x 16			46 x 46 x 21		47 x 47 x 22	
Diameter Y	mm	10	12	14	16	19	22	
Diameter Z	mm	10	12	14	16	19	22	
Fluid		Water						
Part number		830034008410	830034008412	830034008414	830034008416	830034008419	830034008422	830034008430

Y connector



Dimensions l x w x h	mm	54 x 84 x 22
Diameter X	mm	19
Diameter Y	mm	19
Diameter Z	mm	19
Fluid		Water
Part number		830034024058

Multi Y connectors



Dimensions l x w x h	mm	72 x 102 x 21
Diameter X	mm	16 / 19
Diameter Y	mm	16 / 19
Diameter Z	mm	16 / 19
Fluid		Water
Part number		830034024045

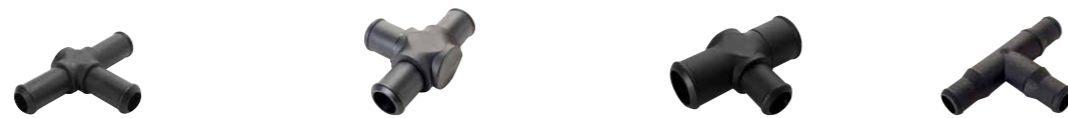
WATER SYSTEM CONNECTORS



Straight connectors

Dimensions l x w x h	mm	20 x 65 x 16	27 x 65 x 22	30 x 65 x 22*	27 x 65 x 22	27 x 65 x 22	35 x 65 x 22*	27 x 65 x 22	27 x 65 x 24
Diameter X	mm	12	16	16	19	19	19	22	22
Diameter Y	mm	12	16	16	29	16	19	22	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	mm	43 x 65 x 16			46 x 65 x 22		46 x 65 x 22	42 x 68 x 17	56 x 90 x 21		
Diameter X	mm	10	12	14	16	16	19	22	16 – 1/2	16/19	
Diameter Y	mm	10	12	14	16	16	19	22	NA	16/19	
Diameter Z	mm	10	12	14	16	14	19	16	NA	16/19	
Fluid		Water									
Part number		830034008510	830034008512	830034008514	830034008516	830034008531	830034008519	830034008530	830034024006	830034024063	

PIPES

HEATER HOSES



Heater hoses

Internal diameter	mm	10	12	14	16	19
External diameter	mm	17	19	21	23	26
Curvature radius	mm	70	70	95	105	125
Fluid		Water				
Working pressure	bar	6				
Operating temperature range	°C	-40 to +120				
Standard		SAEJ20R3				
Part number		830034072004	830034072000	830034072001	830034072002	830034072003

L hoses



Internal diameter	mm	16
External diameter	mm	24
Fluid		Water
Operating temperature range	°C	-40 to +120
Standard		SAEJ20R3
Part number		830034072014

PIPES

A/C HOSES

25 m reduced hoses

Model	M06	M08	M10	M12	
Weight	kg	3.6	4.6	4.8	7.2
Internal diameter	mm	5 / 16	13 / 32	1 / 2	5 / 8
External diameter	mm	15	17	19	23.5
Curvature radius	mm	51	64	76	102
Fluid	Gas				
Working pressure	bar	34.5			
Operating temperature range	°C	-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	Ø 17	Ø 21	Ø 22	Ø 26	Ø 29
Part number	830034005183	830034005182	830034005180	830034005181	830034005185

PROTECTIVE DUCTS



Aluminum ducts

Operating temperature range	°C	-40 to +500
Part number		830034070080



Spiral protective ducts

Internal diameter	mm	16	20	22	25	28	22*	
External diameter	mm	18.5	22.5	24.5	27.5	30.5	31	
Operating temperature range	°C	-30 to +90					+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	mm	15	19	23
External diameter	mm	18	22	26
Operating temperature range	°C	-30 to +100		
Part number	830034070068	830034070069	830034070074	

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