

ROOFTOP UNIT

REVO®



SO LEIGHTWEIGHT AND POWERFUL! ...NOTHING QUIETER THAN THIS.

Our new star among rooftop A/C units is called REVO®. Due to the optimum composition of state-of-the-art components the innovative, modular rooftop system achieves a significant increase in efficiency, lower weight and reduced noise. At the highest level of performance and longevity it thus generates considerably reduced life-cycle costs.

The
successor
to Europe's
best-selling
rooftop unit
Aerosphere

BEST-BUS-CLIMATE.COM

Valeo

HIGHLIGHTS



Low life-cycle costs

- Lightweight for less fuel consumption of the vehicle
- Extensive lifecycle cost optimisation:
 - 100% EC fan
 - 100% sealed axial fan
 - Extended filter lifetime
- Less power consumption with the same air handling capacity
- Reduced volume of refrigerant



Environmentally friendly

- Lowest noise emissions (3 dBA quieter than its predecessors)



Comfort

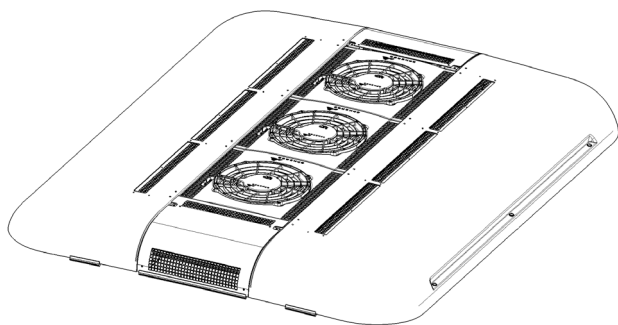
- Modular system from 25 to 45kW with identical interfaces



Others

- SMC housing technology conforming to automotive standards

3D Grafik



TECHNICAL DATA

	REVO® 250	REVO® 300	REVO® 360	REVO 360® S	REVO® 400	REVO® 450	REVO® 420 ART	REVO® 450 ART	REVO® HV
Max. refrigerating capacity (kW)	25	30	32 / 36	36	40	45	42	45	--
Air flow volume (free-blowing, m³/h)	4,640	4,640	6,960	6,960	9,280	9,280	13,920	13,920	6,960
Heating capacity (kW)	40	40	40	40	38	optional	40 + 40	40 + 40	40
Max. operating temperature (F°) / (°C)	48	52	52 / 50	52	55	58	48	52	--
Power consumption (at 28V)									
- maximum (100% PWM)	62 A	72 A	89 A	99 A	116 A	126 A	99 + 60 A	89 + 89 A	60 A
- nominal (90% PWM) ¹⁾	44 A	54 A	61 A	71 A	84 A	94 A	71 + 42 A	61 + 61 A	42 A
- partial load ²⁾	13 A	16 A	20 A	23 A	30 A	33 A	23 + 11 A	20 + 20 A	11 A
Compressor (cm³)	310	470	470 / 560	560	655	775	655	655	--
Refrigerant (CFC-free) ³⁾	R 134 a	R 134 a	R 134 a	R 134 a	R 134 a	R 134 a	R 134 a	R 134 a	R 134 a
Weight (kg)	121	124	129	134	162	165	134 + 114	129 + 129	105
Dimensions L x W x H (mm)	2,593 x 2,077 x 215				3,113 x 2,077 x 215	3,113 x 2,077 x 230	2 x 2,593 x 2,077 x 215		2,593 x 2,077 x 215

REVO® 360 S (Strong), REVO® 420 ART (Articulated), REVO® 450 ART (Articulated), REVO® HV (Heating Ventilation)

¹⁾ Full load: air volume of evaporator fan reduced to the level of the previous model at max. power

²⁾ Partial load: evaporator fan with 60% control and condenser fan in eco mode (50%) (functions at up to 35°C outside temperature)

³⁾ Available with refrigerant R513A on request.

The specified values are based on the refrigerant R134a. The cooling capacity is reduced by ≤ 2% with R513A.