

Technical data

Orion Evo



Model			OE09TC1	OE12TC1	OE18TC1	OE24TC1
Power Supply		F/V/ Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50
Cooling	Capacity	kW	2,61 (0,94-3,70)	3,52 (1,00-4,60)	5,2 (1,25-5,9)	7,0 (1,8-7,8)
	Cooling Power Input (min-nom-max)	kW	0,67 (0,24-1,38)	1,05 (0,29-1,51)	1,41 (0,33-2,35)	1,94 (0,41-2,83)
	Rated Current	A	3,0 (1,2-8,1)	4,8 (1,5-9,2)	6,4 (1,7-12,0)	8,7 (2,3-15,5)
	SEER		8,5	8,5	8,5	8,5
	Energy Class		A+++			
Heating	Capacity	kW	3,32 (0,94-4,00)	3,86 (1,00-4,90)	5,50 (1,25-6,69)	7,10 (1,85-7,96)
	Heating Power Input (min-nom-max)	kW	0,86 (0,24-1,55)	0,96 (0,29-1,72)	1,40 (0,340-2,54)	1,81 (0,42-3,01)
	Heating Rated Current	A	3,9 (1,2-9,0)	4,0 (1,5-10,0)	6,4 (1,7-13,0)	8,0 (2,3-16,0)
	SCOP		4,6	4,7	4,6	4,7
	Energy efficiency class (moderate climate zone)		A++			
Wi-Fi		+/-	+			
Dimensions (WxHxD)			820×306×195	820×306×195	920×306×195	1100×333×222
Dimension of Package (WxHxD)			890×380×265	890×380×265	990×380×265	1165×405×295
Weight Netto			9	9	10	14
Weight Brutto			11	11	13	17
Air Flow Volume			680/650/610/570/540 /500/460	680/650/610/570/540 /500/460	900/810/760/700/650/590/530	1150/1070/1010/940/890/830/750
Sound Pressure 1m Distance			44/41/37/34/29/25/19	44/41/37/34/29/25/19	47/42/40/38/36/34/32	50/44/40/37/34/30/26
Sound Power			54/50/47/44/39/35/29	54/50/47/44/39/35/29	57/52/50/48/46/44/42	60/54/50/47/44/40/36
Dimension (WxHxD)			787×498×290	810×549×305	927×699×380	978×803×421
Dimension of Package (WxHxD)			818×515×325	835×575×328	960×430×732	1022×835×480
Weight Netto			22	24	38	45
Weight Brutto			24	26	41	49,5
Air Flow Volume			2000	2300	3000	4000
Sound Pressure 1m Distance			52	53	55	58
Sound Power			62	63	65	68
Connection Pipe	Pipe Diameters	in/mm	1/4"-3/8"/ (Ø6,35-Ø9,52)	1/4"-3/8"/ (Ø6,35-Ø9,52)	1/4"-1/2"/ (Ø6,35-Ø12,70)	1/4"-1/2"/ (Ø6,35-Ø12,70)
	Refrigerant R32 Charge	kg	0,57	0,6	0,87	1,27
	Additional Refrigerant	g/m	15	15	25	25
	Track Length without Additional Refrigerant	m	5	5	5	5
	Max. Distance Length	m	25	25	25	25
	Max. Elevation	m	10	10	10	10
Cables and Protection Devices	Power Cable	mm2	3x1,5	3x1,5	3x1,5	3x2,5
	Automatic Switch	A	10	16	16	20
	Communication Cable	mm2	4x0,75	4x0,75	4x0,75	4x0,75
Cooling Operation Ambient Temperature Range			°C -15-53	°C -15-53	°C -15-53	°C -15-53
Heating Operation Ambient Temperature Range			°C -25-30	°C -25-30	°C -25-30	°C -25-30