

# DUCT AIR CONDITIONERS

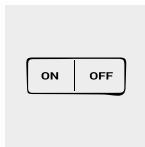
## NEVO



SAVA



ESP  
up to 160Pa



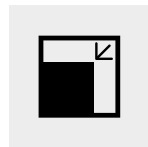
ON/OFF  
remote output



Alarm  
output signal



CAV air flow  
control



Compact  
dimensions



SMART WiFi  
function <sup>(1)</sup>



## UNIT FEATURES



R32 ecological  
refrigerant



SKY® DC motors



Digital DC  
Inverter SKY®



Automatic  
cleaning iAIR



Electrostatic  
HD iAIR  
filter



Turbo  
eMOTO  
mode



Airflow control  
system eMOTO



SMART WiFi  
FUNCTION <sup>(4)</sup>



Wired controller  
SMART port



Remote controller  
<sup>(1)</sup>



Wired controller



SMART Follow  
mode <sup>(2)</sup>



Temperature  
indemnification



Refrigerant  
leak alarm



Emergency start  
function



Auto restart  
memory



Drip tray  
heater <sup>(3)</sup>



Compressor  
crankcase  
heater <sup>(3)</sup>



Timer



Anti-corrosive  
gold-plated fins



Cooling  
up to -15°C



Heating  
up to -15°C



Self-diagnosis  
function



Sleep  
function



Built-in  
condensate  
pump



Fresh air



Output to the  
weekly controller



Output to the  
central  
controller



Adjustable static  
pressure



Additional  
air flow <sup>(5)</sup>



Synchro -  
simultaneous  
operation <sup>(3)</sup>

1. Remote controller available as an option  
2. Available with the optional MAZE wireless controller  
3. Available on selected models of the indoor unit

4. Optional WiFi modem required  
5. Available when connecting the indoor unit with the outdoor unit UNICO NORDIC

# TECHNICAL DATA

Model			Nevo 3.5 kW	Nevo 5.3 kW	Nevo 7.0 kW	Nevo 8.8 kW	Nevo 10.5 kW	Nevo 12.3 kW	Nevo 14.0 kW	Nevo 15.3 kW	
Capacity	Cooling	Nominal	W	3517	5275	7034	8792	10551	12309	14055	15340
		Min-Max	W	1495-4748	2550-5686	3277-8156	2227-9818	4044-12016	2579-12309	4243-15122	5861-17191
Power consumption	Cooling	Nominal	W	950	1633	2190	2600	4100	3653	5152	5424
		Min-Max	W	350-1620	710-1900	480-2850	190-3350	890-4980	230-4350	1170-5722	1274-6640
Operating current	Cooling	Nominal	A	4.22	7.2	9.5	11.8	6.5	15.8	8.4	8.92
		Min-Max	A	1.7-7.2	3.2-8.3	2.1-12.4	2.0-15.5	1.4-8.2	5.1-18.8	1.8-9.5	2.0-11.6
Capacity	Heating	Nominal	W	4103	5861	7620	9378	11137	13481	16130	18170
		Min-Max	W	967-5627	2198-6154	2720-8719	2696-11137	2808-13188	2051-14273	3699-18114	4689-20445
Power consumption	Heating	Nominal	W	1100	1580	2050	2300	3000	3680	4300	5335
		Min-Max	W	350-2050	740-1760	500-2880	430-2900	780-4665	340-4291	1048-6224	1042-6039
Operating current	Heating	Nominal	A	5.0	7.0	8.9	10.6	4.7	15.6	6.9	8.8
		Min-Max	A	1.7-9.0	3.3-7.7	2.2-12.5	3.0-13.5	1.3-7.4	4.21-18.9	1.65-10.42	1.6-10.5
Design load in cooling mode		kW		3.5	5.3	7.0	8.8	10.5	12.4	14.0	15.3
SEER		W/W		6.5	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Energy efficiency class - cooling				A++	A++	A++	A++	A++	A++	A++	A++
Annual electricity consumption in cooling - average season		kWh/a		188	304	402	505	602	711	803	878
Design load in heating mode (Tbiv -7°C)		kW		3.2	4.3	5.4	8.0	8.4	9.6	12	12.5
SCOP		W/W		4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Energy efficiency class - heating				A+	A+	A+	A+	A+	A+	A+	A+
Annual electricity consumption in heating - average season		kWh/a		1120	1505	1890	2800	2975	3360	4200	4375
Dehumidification		l/h		1.2	1.9	2.5	3.0	3.8	4.2	5.1	5.8
Maximum energy consumption		W		2350	2950	2950	3600	5600	5800	6200	7500
Maximum operating current		A		10.0	13.5	13.5	17.0	10.0	23	13.0	14.0
<b>Indoor unit</b>				<b>N35Wi</b>	<b>N50Wi</b>	<b>N70Wi</b>	<b>N90Wi</b>	<b>N100Wi</b>	<b>N120Wi</b>	<b>N140Wi</b>	<b>N160Wi</b>
Fan speed	(Hi./Mi./Lo.)	rpm		1170/1030/850	1650/1300/1000	1200/1080/890	1100/1000/900	1100/1000/900	1020/800/600	1020/800/600	1060/970/905
Air flow	(Hi./Mi./Lo.)	m³/h		600/480/300	880/650/350	1248/1054/839	1400/1015/635	1400/1150/750	1871/1574/1047	2400/2040/1680	2600/2210/1820
Sound pressure level at standard rating conditions	(Hi./Mi./Lo.)	dB(A)		35/30.5/26	41.5/38/33	42/40/38	45.5/43/40	47/43/40	53.5/51.3/48.8	51/50/48	54/52/51
Sound power level at standard rating conditions		dB(A)		56	59	62	65	63	71	68	71
ESP - External static pressure	Standard	Pa		25	25	25	37	37	50	50	50
	Range	Pa		0-60	0-100	0-160	0-160	0-160	0-160	0-160	0-160
Net Dimensions	(WxDxH)	mm		700x450x200	880x674x210	1100x774x249	1360x774x249	1360x774x249	1200x874x300	1200x874x300	1200x874x300
Gross dimensions	(WxDxH)	mm		860x540x285	1070x725x280	1305x805x305	1570x805x315	1570x805x305	1405x915x365	1405x915x355	1405x915x355
Net weight / Gross weight		kg		18/22	24.3/29.6	31.5/38.9	46.3/54.5	40.5/48.5	52.8/61.3	47.6/55.8	47.6/55.8
Condensate drain		mm		25	25	25	25	25	25	25	25
<b>Outdoor unit</b>				<b>N35Wo</b>	<b>N50Wo</b>	<b>N70Wo</b>	<b>N90Wo</b>	<b>N100Wo</b>	<b>N120Wo</b>	<b>N140Wo</b>	<b>N160Wo</b>
Fan speed	High	rpm		850	800	850	1050	1050	1050	850	850
Maximum air flow		m³/h		2000	2000	2700	3600	4000	4300	7500	7500
Sound pressure level at standard rating conditions		dB(A)		55.5	55.5	62	60.5	64	67	66	66
Sound power level at standard rating conditions		dB(A)		63.0	63.0	65	69	68	74	72	74
Net Dimensions	(WxDxH)	mm		800x333x554	800x333x554	845x363x702	946x410x810	946x410x810	946x410x810	952x415x1333	952x415x1333
Gross dimensions	(WxDxH)	mm		920x390x620	920x390x620	965x395x765	1090x500x885	1090x500x885	1090x500x885	1095x495x1480	1095x495x1480
Net weight / Gross weight		kg		33.7/36.6	34.7/37.5	49.4/52.8	56.9/61.8	81.5/87.0	73.9/78.9	106.7/119.9	111.3/124.3
Refrigerant	Type			R32	R32	R32	R32	R32	R32	R32	R32
	GWP			675	675	675	675	675	675	675	675
	Amount (up to 5 m)	kg		0.87	1.15	1.5	2.0	2.4	2.8	2.80	2.95
Pipe connections	Liquid / Gas	mm(inch.)		Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ12.7 (1/4"/1/2")	Φ9.52/Φ15.9 (3/8"/5/8")	Φ9.52/Φ15.9 (3/8"/5/8")	Φ9.52/Φ15.9 (3/8"/5/8")	Φ9.52/Φ15.9 (3/8"/5/8")	Φ9.52/Φ15.9 (3/8"/5/8")	Φ9.52/Φ15.9 (3/8"/5/8")
		g/m		12	12	24	24	24	24	24	24
Additional refrigerant above 5 m		g/m		12	12	24	24	24	24	24	24
Maximum installation length		m		25	30	50	50	65	65	65	65
Maximum level difference		m		10	20	25	25	30	30	30	30
Compressor type				Rotary DC	Rotary DC	Rotary DC	Rotary DC	Rotary DC	Rotary DC	Rotary DC	Rotary DC
Power supply indoor unit	V-Hz, Ø			220-240-50, 1f	220-240-50, 1f	220-240-50, 1f	220-240-50, 1f	220-240-50, 1f	220-240-50, 1f	220-240-50, 1f	220-240-50, 1f
Power supply outdoor unit	V-Hz, Ø			220-240-50, 1f	220-240-50, 1f	220-240-50, 1f	220-240-50, 1f	380-420-50, 3f	220-240-50, 1f	380-420-50, 3f	380-420-50, 3f
Overcurrent protection	A			C10	C16	C16	C20	C10/3	C25	C16/3	C16/3
Power cords: indoor unit	qt. x mm²			3 x 1.5	3 x 1	3 x 1	3 x 1	3 x 1	3 x 1	3 x 1	3 x 1
Power cords: outdoor unit	qt. x mm²			3 x 1.5	3 x 2.5	3 x 2.5	3 x 2.5	5 x 2.5	3 x 2.5	5 x 2.5	5 x 2.5
Control cables: indoor - outdoor	qt. x mm²			2 x 1.5	1 x 1	2 x 1	2 x 1	2 x 1	2 x 1	2 x 1	2 x 1
Mounting points distance	(WxD)	(mm)		514x340	514x340	540x350	673x403	673x403	673x403	634x404	634x404
Inside working range	(Cooling/Heating)	°C		17-32 / 0-30	17-32 / 0-30	17-32 / 0-30	17-32 / 0-30	17-32 / 0-30	17-32 / 0-30	17-32 / 0-30	17-32 / 0-30
Outside working range	(Cooling/Heating)	°C		-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24

# OPTIONAL ACCESSORIES



Remote control  
MAZE



Central wired  
controller



Central wired controller  
with weekly  
programming



Filters



Modem  
SMART WIFI



Alternate operation  
controller