NICE

NICE Commercial Air Conditioning

VRF System Catalog

V8 Pro



2024

Outdoor Unit Lineup

V8 (Combinable series)

HP	8-18	20-26	28-36
Single Unit			

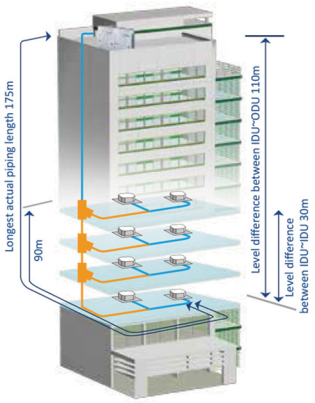
HP	38-72	74-108
Combined Unit		

V8i (Individual series)

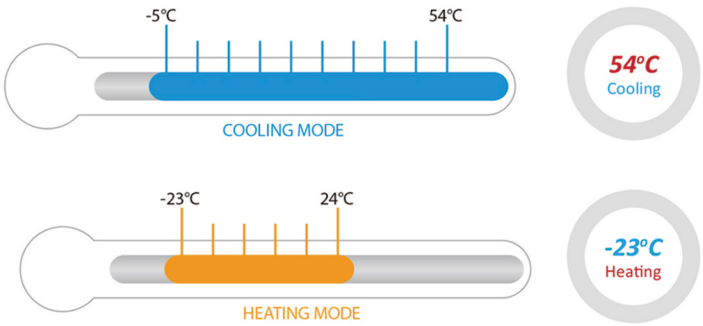
HP	8-18	20-26	28-36
Single Unit			

Long Piping Capability

- Total piping length: ***1000m***
- Longest piping length – actual (equivalent): ***175m (200m)***
- Longest piping length after first branch: ***90m***
- Level difference between IDUs and ODU – ODU up (down): ***90m (110m)***
- Level difference between IDUs: ***30m***



Wide Operation Range



Specifications

V8 (Combinable series)

HP			8	10	12	14
Model name			NV8-252WV2GN1(PRO)	NV8-280WV2GN1(PRO)	NV8-335WV2GN1(PRO)	NV8-400WV2GN1(PRO)
Power supply		V/Ph/Hz	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)
Cooling[1]	Capacity	kW	25.2	28	33.5	40
		kBtu/h	86.0	95.5	114.3	136.5
	Power input	kW	5.3	6.8	8.3	9.9
	EER		4.76	4.14	4.06	4.05
Heating[2]	Capacity	kW	27	31.5	37.5	45
		kBtu/h	92.1	107.5	128.0	153.5
	Power input	kW	5.4	6.6	8.5	10.2
	COP		5.03	4.76	4.43	4.40
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity			
	Maximum quantity		13	16	19	22
Compressor	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		1	1	1	1
Fan	Type		DC	DC	DC	DC
	Quantity		1	1	1	1
	Static pressure	Pa	0-20 (standard)20-120 (customized)			
	Airflow rate	m³/h	12600	12600	13500	15600
Refrigerant	Type		R410A	R410A	R410A	R410A
	Factory charge	kg	7	7	7	8
Pipe connections[3]	Liquid pipe	mm	Φ12.7	Φ12.7	Φ12.7	Φ15.9
	Gas pipe	mm	Φ25.4	Φ25.4	Φ25.4	Φ28.6
Sound pressure level[4]		dB(A)	56	57	59	59
Net dimensions (W×H×D)		mm	940×1760×825	940×1760×825	940×1760×825	940×1760×825
Packed dimensions (W×H×D)		mm	1010×1945×890	1010×1945×890	1010×1945×890	1010×1945×890
Net weight		kg	195	195	195	213
Gross weight		kg	213	213	213	230
Ambient temp.	Cooling	°C	-15 to 55	-15 to 55	-15 to 55	-15 to 55
operation range	Heating	°C	-30 to 30	-30 to 30	-30 to 30	-30 to 30

HP			16	18	20	22
Model name			NV8-450WV2GN1(PRO)	NV8-500WV2GN1(PRO)	NV8-560WV2GN1(PRO)	NV8-615WV2GN1(PRO)
Power supply		V/Ph/Hz	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)
Cooling[1]	Capacity	kW	45	50	56	61.5
		kBtu/h	153.5	170.6	191.1	209.8
	Power input	kW	11.7	12.8	15.1	17.9
	EER		3.83	3.91	3.71	3.43
Heating[2]	Capacity	kW	50	56	63	69
		kBtu/h	170.6	191.1	215.0	235.4
	Power input	kW	11.7	13.5	15.3	17.6
	COP		4.27	4.15	4.13	3.91
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity			
	Maximum quantity		26	29	32	35
Compressor	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		1	1	2	2
Fan	Type		DC	DC	DC	DC
	Quantity		1	1	2	2
	Static pressure	Pa	0-20 (standard)20-120 (customized)			
	Airflow rate	m³/h	15600	16500	22000	22000
Refrigerant	Type		R410A	R410A	R410A	R410A
	Factory charge	kg	8	8.4	9.3	9.3
Pipe connections[3]	Liquid pipe	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9
	Gas pipe	mm	Φ28.6	Φ28.6	Φ28.6	Φ28.6
Sound pressure level[4]		dB(A)	60	61	62	62
Net dimensions (W×H×D)		mm	940×1760×825	940×1760×825	1340×1760×825	1340×1760×825
Packed dimensions (W×H×D)		mm	1010×1945×890	1010×1945×890	1410×1945×890	1410×1945×890
Net weight		kg	213	215	295	295
Gross weight		kg	230	232	315	315
Ambient temp.	Cooling	°C	-15 to 55	-15 to 55	-15 to 55	-15 to 55
operation range	Heating	°C	-30 to 30	-30 to 30	-30 to 30	-30 to 30

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Diameters given are those of the unit's stop valves.
4. Sound pressure level is measured at a position 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.

HP			24	26	28	30
Model name			NV8-670WV2GN1(PRO)	NV8-730WV2GN1(PRO)	NV8-785WV2GN1(PRO)	NV8-850WV2GN1(PRO)
Power supply		V/Ph/Hz	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)
Cooling[1]	Capacity	kW	67	73	78.5	85
		kBtu/h	228.6	249.1	267.9	290.0
	Power input	kW	19.0	21.0	24.0	27.2
	EER		3.52	3.47	3.27	3.12
Heating[2]	Capacity	kW	75	81.5	87.5	95
		kBtu/h	255.9	278.1	298.6	324.2
	Power input	kW	19.0	21.0	24.2	27.6
	COP		3.95	3.88	3.62	3.44
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity			
	Maximum quantity		39	42	45	48
Compressor	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		2	2	2	2
Fan	Type		DC	DC	DC	DC
	Quantity		2	2	2	2
	Static pressure	Pa	0-20 (standard)20-120 (customized)			
	Airflow rate	m³/h	21500	21500	29000	28000
Refrigerant	Type		R410A	R410A	R410A	R410A
	Factory charge	kg	12	12	19	21
Pipe connections[3]	Liquid pipe	mm	Φ15.9	Φ15.9	Φ22.2	Φ22.2
	Gas pipe	mm	Φ28.6	Φ28.6	Φ31.8	Φ34.9
Sound pressure level[4]		dB(A)	62	62	63	64
Net dimensions (W×H×D)		mm	1340×1760×825	1340×1760×825	1880×1760×825	1880×1760×825
Packed dimensions (W×H×D)		mm	1410×1945×890	1410×1945×890	1935×1945×890	1935×1945×890
Net weight		kg	315	315	373	405
Gross weight		kg	335	335	403	435
Ambient temp.	Cooling	°C	-15 to 55	-15 to 55	-15 to 55	-15 to 55
operation range	Heating	°C	-30 to 30	-30 to 30	-30 to 30	-30 to 30

HP			32	34	36
Model name			NV8-900WV2GN1(PRO)	NV8-950WV2GN1(PRO)	NV8-1010WV2GN1(PRO)
Power supply		V/Ph/Hz	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)
Cooling[1]	Capacity	kW	90	95.2	101
		kBtu/h	307.1	324.2	344.6
	Power input	kW	30.2	32.5	35.4
	EER		2.98	2.93	2.85
Heating[2]	Capacity	kW	100	106	112
		kBtu/h	341.2	361.7	382.2
	Power input	kW	30.2	32.2	34.7
	COP		3.31	3.29	3.23
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity		
	Maximum quantity		52	55	58
Compressor	Type		DC inverter	DC inverter	DC inverter
	Quantity		2	2	2
Fan	Type		DC	DC	DC
	Quantity		2	2	2
	Static pressure	Pa	0-20 (standard)20-120 (customized)		
	Airflow rate	m³/h	28000	29000	29000
Refrigerant	Type		R410A	R410A	R410A
	Factory charge	kg	21	21	21
Pipe connections[3]	Liquid pipe	mm	Φ22.2	Φ22.2	Φ22.2
	Gas pipe	mm	Φ34.9	Φ34.9	Φ34.9
Sound pressure level[4]		dB(A)	64	66	66
Net dimensions (W×H×D)		mm	1880×1760×825	1880×1760×825	1880×1760×825
Packed dimensions (W×H×D)		mm	1935×1945×890	1935×1945×890	1935×1945×890
Net weight		kg	405	406	406
Gross weight		kg	435	436	436
Ambient temp.	Cooling	°C	-15 to 55	-15 to 55	-15 to 55
operation range	Heating	°C	-30 to 30	-30 to 30	-30 to 30

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Diameters given are those of the unit's stop valves.
4. Sound pressure level is measured at a position 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.

HP			38	40	42	44
Model name (Combination unit)			NV8-1065WV2GN1(PRO)	NV8-1120WV2GN1(PRO)	NV8-1180WV2GN1(PRO)	NV8-1235WV2GN1(PRO)
Combination type			16HP+22HP	16HP+24HP	16HP+26HP	16HP+28HP
Power supply		V/N/Hz	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)
Cooling[1]	Capacity	kW	106.5	112.0	118.0	123.5
		kBtu/h	363.3	382.1	402.6	421.4
	Power input	kW	29.6	30.7	32.7	35.7
	EER		3.60	3.65	3.61	3.46
Heating[2]	Capacity	kW	119.0	125.0	131.5	137.5
		kBtu/h	406.0	426.5	448.7	469.2
	Power input	kW	29.3	30.7	32.7	35.9
	COP		4.06	4.07	4.02	3.83
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity			
	Maximum quantity		64	64	64	64
Compressor	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		3	3	3	3
Fan	Type		DC	DC	DC	DC
	Quantity		3	3	3	3
	Static pressure	Pa	0-20 (standard)20-120 (customized)			
	Airflow rate	m^3/h	37600	37100	37100	44600
Refrigerant	Type		R410A	R410A	R410A	R410A
	Factory charge	kg	8+9.3	8+12	8+12	8+19
Pipe connections[3]	Liquid pipe	mm	Φ19.1	Φ19.1	Φ19.1	Φ19.1
	Gas pipe	mm	Φ38.1	Φ38.1	Φ38.1	Φ38.1
Sound pressure level[4]		dB(A)	64	64	64	65
Net dimensions (W×H×D)		mm	(940×1760×825)+ (1340×1760×825)	(940×1760×825)+ (1340×1760×825)	(940×1760×825)+ (1340×1760×825)	(940×1760×825)+ (1880×1760×825)
Packed dimensions (W×H×D)		mm	(1010×1945×890)+ (1410×1945×890)	(1010×1945×890)+ (1410×1945×890)	(1010×1945×890)+ (1410×1945×890)	(1010×1945×890)+ (1935×1945×890)
Net weight		kg	213+295	213+315	213+315	213+373
Gross weight		kg	230+315	230+335	230+335	230+403
Ambient temp.	Cooling	°C	-15 to 55	-15 to 55	-15 to 55	-15 to 55
operation range	Heating	°C	-30 to 30	-30 to 30	-30 to 30	-30 to 30

HP			46	48	50	52
Model name (Combination unit)			NV8-1285WV2GN1(PRO)	NV8-1345WV2GN1(PRO)	NV8-1400WV2GN1(PRO)	NV8-1460WV2GN1(PRO)
Combination type			22HP+24HP	22HP+26HP	24HP+26HP	26HP+26HP
Power supply		V/N/Hz	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)
Cooling[1]	Capacity	kW	128.5	134.5	140.0	146.0
		kBtu/h	438.4	458.9	477.7	498.2
	Power input	kW	36.9	38.9	40.0	42.0
	EER		3.48	3.46	3.50	3.48
Heating[2]	Capacity	kW	144.0	150.5	156.5	163.0
		kBtu/h	491.3	513.5	534.0	556.2
	Power input	kW	36.6	38.6	40.0	42.0
	COP		3.93	3.90	3.91	3.88
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity			
	Maximum quantity		64	64	64	64
Compressor	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		4	4	4	4
Fan	Type		DC	DC	DC	DC
	Quantity		4	4	4	4
	Static pressure	Pa	0-20 (standard)20-120 (customized)			
	Airflow rate	m^3/h	43500	43500	43000	43000
Refrigerant	Type		R410A	R410A	R410A	R410A
	Factory charge	kg	9.3+12	9.3+12	12×2	12×2
Pipe connections[3]	Liquid pipe	mm	Φ19.1	Φ19.1	Φ19.1	Φ19.1
	Gas pipe	mm	Φ38.1	Φ38.1	Φ38.1	Φ38.1
Sound pressure level[4]		dB(A)	65	65	65	65
Net dimensions (W×H×D)		mm	(1340×1760×825)×2	(1340×1760×825)×2	(1340×1760×825)×2	(1340×1760×825)×2
Packed dimensions (W×H×D)		mm	(1410×1945×890)×2	(1410×1945×890)×2	(1410×1945×890)×2	(1410×1945×890)×2
Net weight		kg	295+315	295+315	315×2	315×2
Gross weight		kg	315+335	315+335	335×2	335×2
Ambient temp.	Cooling	°C	-15 to 55	-15 to 55	-15 to 55	-15 to 55
operation range	Heating	°C	-30 to 30	-30 to 30	-30 to 30	-30 to 30

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Diameters given are those for the pipe connecting the outdoor unit combination to the first indoor branch joint for systems with total equivalent liquid piping lengths of less than 90m. For systems with total equivalent liquid piping lengths of 90m or longer, please refer to the V8 Series Engineering Data Book for connection piping diameters.
4. Sound pressure level is measured at a position 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.

HP			54	56	58	60
Model name (Combination unit)			NV8-1510WV2GN1(PRO)	NV8-1570WV2GN1(PRO)	NV8-1625WV2GN1(PRO)	NV8-1680WV2GN1(PRO)
Combination type			18HP+36HP	20HP+36HP	22HP+36HP	24HP+36HP
Power supply		V/N/Hz	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)
Cooling[1]	Capacity	kW	151.0	157.0	162.5	168.0
		kBtu/h	515.2	535.7	554.4	573.2
	Power input	kW	48.2	50.5	53.3	54.4
	EER		3.13	3.11	3.05	3.09
Heating[2]	Capacity	kW	168.0	175.0	181.0	187.0
		kBtu/h	573.3	597.2	617.6	638.1
	Power input	kW	48.2	50.0	52.3	53.7
	COP		3.49	3.50	3.46	3.48
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity			
	Maximum quantity		64	64	64	64
Compressor	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		3	4	4	4
Fan	Type		DC	DC	DC	DC
	Quantity		3	4	4	4
	Static pressure	Pa	0-20 (standard)20-120 (customized)			
	Airflow rate	m^3/h	45500	51000	51000	50500
Refrigerant	Type		R410A	R410A	R410A	R410A
	Factory charge	kg	8.4+21	9.3+21	9.3+21	12+21
Pipe connections[3]	Liquid pipe	mm	Φ19.1	Φ19.1	Φ19.1	Φ19.1
	Gas pipe	mm	Φ38.1	Φ41.3	Φ41.3	Φ41.3
Sound pressure level[4]		dB(A)	67	67	67	67
Net dimensions (W×H×D)		mm	(940×1760×825)+ (1880×1760×825)	(1340×1760×825)+ (1880×1760×825)	(1340×1760×825)+ (1880×1760×825)	(1340×1760×825)+ (1880×1760×825)
Packed dimensions (W×H×D)		mm	(1010×1945×890)+ (1935×1945×890)	(1410×1945×890)+ (1935×1945×890)	(1410×1945×890)+ (1935×1945×890)	(1410×1945×890)+ (1935×1945×890)
Net weight		kg	215+406	295+406	295+406	315+406
Gross weight		kg	232+436	315+436	315+436	335+436
Ambient temp.	Cooling	°C	-15 to 55	-15 to 55	-15 to 55	-15 to 55
operation range	Heating	°C	-30 to 30	-30 to 30	-30 to 30	-30 to 30

HP			62	64	66	68
Model name (Combination unit)			NV8-1740WV2GN1(PRO)	NV8-1795WV2GN1(PRO)	NV8-1860WV2GN1(PRO)	NV8-1910WV2GN1(PRO)
Combination type			26HP+36HP	28HP+36HP	30HP+36HP	32HP+36HP
Power supply		V/N/Hz	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)
Cooling[1]	Capacity	kW	174.0	179.5	186.0	191.0
		kBtu/h	593.7	612.5	634.6	651.7
	Power input	kW	56.4	59.4	62.6	65.6
	EER		3.09	3.02	2.97	2.91
Heating[2]	Capacity	kW	193.5	199.5	207.0	212.0
		kBtu/h	660.3	680.8	706.4	723.4
	Power input	kW	55.7	58.9	62.3	64.9
	COP		3.47	3.39	3.32	3.27
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity			
	Maximum quantity		64	64	64	64
Compressor	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		4	4	4	4
Fan	Type		DC	DC	DC	DC
	Quantity		4	4	4	4
	Static pressure	Pa	0-20 (standard)20-120 (customized)			
	Airflow rate	m^3/h	50500	58000	57000	57000
Refrigerant	Type		R410A	R410A	R410A	R410A
	Factory charge	kg	12+21	19+21	21×2	21×2
Pipe connections[3]	Liquid pipe	mm	Φ19.1	Φ19.1	Φ19.1	Φ22.2
	Gas pipe	mm	Φ41.3	Φ41.3	Φ41.3	Φ44.5
Sound pressure level[4]		dB(A)	67	68	68	68
Net dimensions (W×H×D)		mm	(1340×1760×825)+ (1880×1760×825)	(1880×1760×825)×2	(1880×1760×825)×2	(1880×1760×825)×2
Packed dimensions (W×H×D)		mm	(1410×1945×890)+ (1935×1945×890)	(1935×1945×890)×2	(1935×1945×890)×2	(1935×1945×890)×2
Net weight		kg	315+406	373+406	405+406	405+406
Gross weight		kg	335+436	403+436	435+436	435+436
Ambient temp.	Cooling	°C	-15 to 55	-15 to 55	-15 to 55	-15 to 55
operation range	Heating	°C	-30 to 30	-30 to 30	-30 to 30	-30 to 30

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Diameters given are those for the pipe connecting the outdoor unit combination to the first indoor branch joint for systems with total equivalent liquid piping lengths of less than 90m. For systems with total equivalent liquid piping lengths of 90m or longer, please refer to the V8 Series Engineering Data Book for connection piping diameters.
4. Sound pressure level is measured at a position 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.

HP			70	72	74	76
Model name (Combination unit)			NV8-1960WV2GN1(PRO)	NV8-2020WV2GN1(PRO)	NV8-2080WV2GN1(PRO)	NV8-2140WV2GN1(PRO)
Combination type			34HP+36HP	36HP+36HP	14HP+24HP+36HP	14HP+26HP+36HP
Power supply		V/N/Hz	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)
Cooling[1]	Capacity	kW	196.2	202.0	208.0	214.0
		kBtu/h	668.8	689.2	709.7	730.2
	Power input	kW	67.9	70.8	64.3	66.3
	EER		2.89	2.85	3.23	3.23
Heating[2]	Capacity	kW	218.0	224.0	232.0	238.5
		kBtu/h	743.9	764.4	791.6	813.8
	Power input	kW	66.9	69.4	63.9	65.9
	COP		3.26	3.23	3.63	3.62
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity			
	Maximum quantity		64	64	64	64
Compressor	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		4	4	5	5
Fan	Type		DC	DC	DC	DC
	Quantity		4	4	5	5
	Static pressure	Pa	0-20 (standard)20-120 (customized)			
	Airflow rate	m^3/h	58000	58000	66100	66100
Refrigerant	Type		R410A	R410A	R410A	R410A
	Factory charge	kg	21×2	21×2	8+12+21	8+12+21
Pipe connections[3]	Liquid pipe	mm	Φ22.2	Φ22.2	Φ22.2	Φ22.2
	Gas pipe	mm	Φ44.5	Φ44.5	Φ44.5	Φ44.5
Sound pressure level[4]		dB(A)	69	69	68	68
Net dimensions (W×H×D)		mm	(1880×1760×825)×2	(1880×1760×825)×2	(940×1760×825)+(1340×1760×825)+(1880×1760×825)	(940×1760×825)+(1340×1760×825)+(1880×1760×825)
Packed dimensions (W×H×D)		mm	(1935×1945×890)×2	(1935×1945×890)×2	(1010×1945×890)+(1410×1945×890)+(1935×1945×890)	(1010×1945×890)+(1410×1945×890)+(1935×1945×890)
Net weight		kg	406×2	406×2	213+315+406	213+315+406
Gross weight		kg	436×2	436×2	230+335+436	230+335+436
Ambient temp.	Cooling	°C	-15 to 55	-15 to 55	-15 to 55	-15 to 55
operation range	Heating	°C	-30 to 30	-30 to 30	-30 to 30	-30 to 30

HP			78	80	82	84
Model name (Combination unit)			NV8-2190WV2GN1(PRO)	NV8-2245WV2GN1(PRO)	NV8-2300WV2GN1(PRO)	NV8-2355WV2GN1(PRO)
Combination type			16HP+26HP+36HP	16HP+28HP+36HP	20HP+26HP+36HP	22HP+26HP+36HP
Power supply		V/N/Hz	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)
Cooling[1]	Capacity	kW	219.0	224.5	230.0	235.5
		kBtu/h	747.2	766.0	784.8	803.5
	Power input	kW	68.1	71.1	71.5	74.3
	EER		3.22	3.16	3.22	3.17
Heating[2]	Capacity	kW	243.5	249.5	256.5	262.5
		kBtu/h	830.9	851.4	875.3	895.7
	Power input	kW	67.4	70.6	71.0	73.3
	COP		3.61	3.53	3.61	3.58
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity			
	Maximum quantity		64	64	64	64
Compressor	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		5	5	6	6
Fan	Type		DC	DC	DC	DC
	Quantity		5	5	6	6
	Static pressure	Pa	0-20 (standard)20-120 (customized)			
	Airflow rate	m^3/h	66100	73600	72500	72500
Refrigerant	Type		R410A	R410A	R410A	R410A
	Factory charge	kg	8+12+21	8+19+21	9.3+12+21	9.3+12+21
Pipe connections[3]	Liquid pipe	mm	Φ22.2	Φ22.2	Φ22.2	Φ25.4
	Gas pipe	mm	Φ44.5	Φ44.5	Φ44.5	Φ50.8
Sound pressure level[4]		dB(A)	68	68	69	69
Net dimensions (W×H×D)		mm	(940×1760×825)+(1340×1760×825)+(1880×1760×825)	(940×1760×825)+(1880×1760×825)×2	(1340×1760×825)×2+(1880×1760×825)	(1340×1760×825)×2+(1880×1760×825)
Packed dimensions (W×H×D)		mm	(1010×1945×890)+(1410×1945×890)+(1935×1945×890)	(1010×1945×890)+(1935×1945×890)×2	(1410×1945×890)×2+(1935×1945×890)	(1410×1945×890)×2+(1935×1945×890)
Net weight		kg	213+315+406	213+373+406	295+315+406	295+315+406
Gross weight		kg	230+335+436	230+403+436	315+335+436	315+335+436
Ambient temp.	Cooling	°C	-15 to 55	-15 to 55	-15 to 55	-15 to 55
operation range	Heating	°C	-30 to 30	-30 to 30	-30 to 30	-30 to 30

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Diameters given are those for the pipe connecting the outdoor unit combination to the first indoor branch joint for systems with total equivalent liquid piping lengths of less than 90m. For systems with total equivalent liquid piping lengths of 90m or longer, please refer to the V8 Series Engineering Data Book for connection piping diameters.
4. Sound pressure level is measured at a position 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.

HP			86	88	90	92
Model name (Combination unit)			NV8-2410WV2GN1(PRO)	NV8-2470WV2GN1(PRO)	NV8-2520WV2GN1(PRO)	NV8-2580WV2GN1(PRO)
Combination type			24HP+26HP+36HP	26HP+26HP+36HP	18HP+36HP+36HP	20HP+36HP+36HP
Power supply		V/N/Hz	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)
Cooling[1]	Capacity	kW	241.0	247.0	252.0	258.0
		kBtu/h	822.3	842.8	859.8	880.3
	Power input	kW	75.4	77.4	83.6	85.9
	EER		3.20	3.19	3.01	3.00
Heating[2]	Capacity	kW	268.5	275.0	280.0	287.0
		kBtu/h	916.2	938.4	955.5	979.4
	Power input	kW	74.7	76.7	82.9	84.7
	COP		3.59	3.59	3.38	3.39
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity			
	Maximum quantity		64	64	64	64
Compressor	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		6	6	5	6
Fan	Type		DC	DC	DC	DC
	Quantity		6	6	5	6
	Static pressure	Pa	0-20 (standard)20-120 (customized)			
	Airflow rate	m^3/h	72000	72000	74500	80000
Refrigerant	Type		R410A	R410A	R410A	R410A
	Factory charge	kg	12×2+21	12×2+21	8.4+21×2	9.3+21×2
Pipe connections[3]	Liquid pipe	mm	Φ25.4	Φ25.4	Φ25.4	Φ25.4
	Gas pipe	mm	Φ50.8	Φ50.8	Φ50.8	Φ50.8
Sound pressure level[4]		dB(A)	69	69	70	70
Net dimensions (W×H×D)		mm	(1340×1760×825)×2+ (1880×1760×825)	(1340×1760×825)×2+ (1880×1760×825)	(940×1760×825)+ (1880×1760×825)×2	(1340×1760×825)+ (1880×1760×825)×2
Packed dimensions (W×H×D)		mm	(1410×1945×890)×2+ (1935×1945×890)	(1410×1945×890)×2+ (1935×1945×890)	(1010×1945×890)+ (1935×1945×890)×2	(1410×1945×890)+ (1935×1945×890)×2
Net weight		kg	315×2+406	315×2+406	215+406×2	295+406×2
Gross weight		kg	335×2+436	335×2+436	232+436×2	315+436×2
Ambient temp.	Cooling	°C	-15 to 55	-15 to 55	-15 to 55	-15 to 55
operation range	Heating	°C	-30 to 30	-30 to 30	-30 to 30	-30 to 30

HP			94	96	98	100
Model name (Combination unit)			NV8-2635WV2GN1(PRO)	NV8-2690WV2GN1(PRO)	NV8-2750WV2GN1(PRO)	NV8-2805WV2GN1(PRO)
Combination type			22HP+36HP+36HP	24HP+36HP+36HP	26HP+36HP+36HP	28HP+36HP+36HP
Power supply		V/N/Hz	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)
Cooling[1]	Capacity	kW	263.5	269.0	275.0	280.5
		kBtu/h	899.0	917.8	938.3	957.1
	Power input	kW	88.7	89.8	91.8	94.8
	EER		2.97	3.00	3.00	2.96
Heating[2]	Capacity	kW	293.0	299.0	305.5	311.5
		kBtu/h	999.8	1020.3	1042.5	1063.0
	Power input	kW	87.0	88.4	90.4	93.6
	COP		3.37	3.38	3.38	3.33
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity			
	Maximum quantity		64	64	64	64
Compressor	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		6	6	6	6
Fan	Type		DC	DC	DC	DC
	Quantity		6	6	6	6
	Static pressure	Pa	0-20 (standard)20-120 (customized)			
	Airflow rate	m^3/h	80000	79500	79500	87000
Refrigerant	Type		R410A	R410A	R410A	R410A
	Factory charge	kg	9.3+21×2	12+21×2	12+21×2	19+21×2
Pipe connections[3]	Liquid pipe	mm	Φ25.4	Φ25.4	Φ25.4	Φ25.4
	Gas pipe	mm	Φ50.8	Φ50.8	Φ50.8	Φ50.8
Sound pressure level[4]		dB(A)	70	70	70	70
Net dimensions (W×H×D)		mm	(1340×1760×825)+ (1880×1760×825)×2	(1340×1760×825)+ (1880×1760×825)×2	(1340×1760×825)+ (1880×1760×825)×2	(1880×1760×825)×3
Packed dimensions (W×H×D)		mm	(1410×1945×890)+ (1935×1945×890)×2	(1410×1945×890)+ (1935×1945×890)×2	(1410×1945×890)+ (1935×1945×890)×2	(1935×1945×890)×3
Net weight		kg	295+406×2	315+406×2	315+406×2	373+406×2
Gross weight		kg	315+436×2	335+436×2	335+436×2	403+436×2
Ambient temp.	Cooling	°C	-15 to 55	-15 to 55	-15 to 55	-15 to 55
operation range	Heating	°C	-30 to 30	-30 to 30	-30 to 30	-30 to 30

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Diameters given are those for the pipe connecting the outdoor unit combination to the first indoor branch joint for systems with total equivalent liquid piping lengths of less than 90m. For systems with total equivalent liquid piping lengths of 90m or longer, please refer to the V8 Series Engineering Data Book for connection piping diameters.
4. Sound pressure level is measured at a position 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.

HP Model name (Combination unit)			102 NV8-2860WV2GN1(PRO)	104 NV8-2920WV2GN1(PRO)
Combination type			32HP+34HP+36HP	32HP+36HP+36HP
Power supply		V/N/Hz	380-415/3/50(60)	380-415/3/50(60)
Cooling[1]	Capacity	kW	286.2	292.0
		kBtu/h	975.9	996.3
	Power input	kW	98.1	101.0
	EER		2.92	2.89
Heating[2]	Capacity	kW	318.0	324.0
		kBtu/h	1085.1	1105.6
	Power input	kW	97.1	99.6
	COP		3.27	3.25
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity	
	Maximum quantity		64	64
Compressor	Type		DC inverter	DC inverter
	Quantity		6	6
Fan	Type		DC	DC
	Quantity		6	6
	Static pressure	Pa	0-20 (standard)20-120 (customized)	
	Airflow rate	m^3/h	86000	86000
Refrigerant	Type		R410A	R410A
	Factory charge	kg	21×3	21×3
Pipe connections[3]	Liquid pipe	mm	Φ25.4	Φ25.4
	Gas pipe	mm	Φ50.8	Φ50.8
Sound pressure level[4]		dB(A)	70	70
Net dimensions (W×H×D)		mm	(1880×1760×825)×3	(1880×1760×825)×3
Packed dimensions (W×H×D)		mm	(1935×1945×890)×3	(1935×1945×890)×3
Net weight		kg	405+406×2	405+406×2
Gross weight		kg	435+436×2	435+436×2
Ambient temp.	Cooling	°C	-15 to 55	-15 to 55
operation range	Heating	°C	-30 to 30	-30 to 30

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Diameters given are those for the pipe connecting the outdoor unit combination to the first indoor branch joint for systems with total equivalent liquid piping lengths of less than 90m. For systems with total equivalent liquid piping lengths of 90m or longer, please refer to the V8 Series Engineering Data Book for connection piping diameters.
4. Sound pressure level is measured at a position 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.

HP Model name (Combination unit)			106 NV8-2970WV2GN1(PRO)	108 NV8-3030WV2GN1(PRO)
Combination type			34HP+36HP+36HP	36HP+36HP+36HP
Power supply		V/N/Hz	380-415/3/50(60)	380-415/3/50(60)
Cooling[1]	Capacity	kW	297.2	303.0
		kBtu/h	1013.4	1033.8
	Power input	kW	103.3	106.2
	EER		2.88	2.85
Heating[2]	Capacity	kW	330.0	336.0
		kBtu/h	1126.1	1146.6
	Power input	kW	101.6	104.1
	COP		3.25	3.23
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity	
	Maximum quantity		64	64
Compressor	Type		DC inverter	DC inverter
	Quantity		6	6
Fan	Type		DC	DC
	Quantity		6	6
	Static pressure	Pa	0-20 (standard)20-120 (customized)	
	Airflow rate	m^3/h	87000	87000
Refrigerant	Type		R410A	R410A
	Factory charge	kg	21×3	21×3
Pipe connections[3]	Liquid pipe	mm	Φ25.4	Φ25.4
	Gas pipe	mm	Φ50.8	Φ50.8
Sound pressure level[4]		dB(A)	71	71
Net dimensions (W×H×D)		mm	(1880×1760×825)×3	(1880×1760×825)×3
Packed dimensions (W×H×D)		mm	(1935×1945×890)×3	(1935×1945×890)×3
Net weight		kg	406×3	406×3
Gross weight		kg	436×3	436×3
Ambient temp.	Cooling	°C	-15 to 55	-15 to 55
operation range	Heating	°C	-30 to 30	-30 to 30

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Diameters given are those for the pipe connecting the outdoor unit combination to the first indoor branch joint for systems with total equivalent liquid piping lengths of less than 90m. For systems with total equivalent liquid piping lengths of 90m or longer, please refer to the V8 Series Engineering Data Book for connection piping diameters.
4. Sound pressure level is measured at a position 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.

V8i (Individual series)

HP			8	10	12	14
Model			NV8i-252WV2GN1(PRO)	NV8i-280WV2GN1(PRO)	NV8i-335WV2GN1(PRO)	NV8i-400WV2GN1(PRO)
Power supply		V/N/Hz	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)
Cooling[1]	Capacity	kW	25.2	28.0	33.5	40.0
		kBtu/h	86.0	95.5	114.3	136.5
	Power input	kW	5.5	7.2	8.6	11.0
	EER		4.58	3.91	3.88	3.63
Heating[2]	Capacity	kW	27.0	31.5	37.5	45.0
		kBtu/h	92.1	107.5	128.0	153.5
	Power input	kW	5.7	7.0	9.1	11.6
	COP		4.77	4.49	4.14	3.89
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity			
	Maximum quantity		13	16	19	22
Compressors	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		1	1	1	1
Fan motors	Type		DC	DC	DC	DC
	Quantity		1	1	1	1
	Airflow rate	m³/h	12600	12600	13500	14400
	Max. ESP	Pa	0-20 (standard) 20-120 (customized)	0-20 (standard) 20-120 (customized)	0-20 (standard) 20-120 (customized)	0-20 (standard) 20-120 (customized)
Refrigerant	Type		R410A	R410A	R410A	R410A
	Factory charge	kg	7	7	7	7
Pipe connections[3]	Liquid pipe	mm	Ø12.7	Ø12.7	Ø12.7	Ø12.7
	Gas pipe	mm	Ø25.4	Ø25.4	Ø25.4	Ø25.4
Sound pressure level[4]		dB(A)	56	57	59	59
Net dimensions (W×H×D)		mm	940x1760x825	940x1760x825	940x1760x825	940x1760x825
Packed dimensions (W×H×D)		mm	1010×1945×890	1010×1945×890	1010×1945×890	1010×1945×890
Net weight		kg	195	195	195	197
Gross weight		kg	213	213	213	215
Ambient temp. operation range	Cooling	℃	-15 to 55	-15 to 55	-15 to 55	-15 to 55
	Heating	℃	-30 to 30	-30 to 30	-30 to 30	-30 to 30

HP			16	18	20	22
Model			NV8i-450WV2GN1(PRO)	NV8i-500WV2GN1(PRO)	NV8i-560WV2GN1(PRO)	NV8i-615WV2GN1(PRO)
Power supply		V/N/Hz	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)
Cooling[1]	Capacity	kW	45.0	50.0	56.0	61.5
		kBtu/h	153.5	170.6	191.1	209.8
	Power input	kW	12.6	14.3	16.5	18.9
	EER		3.57	3.50	3.39	3.26
Heating[2]	Capacity	kW	50.0	56.0	63.0	69.0
		kBtu/h	170.6	191.1	215.0	235.4
	Power input	kW	12.8	14.6	16.7	19.1
	COP		3.91	3.83	3.77	3.61
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity			
	Maximum quantity		26	29	32	35
Compressors	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		1	1	2	2
Fan motors	Type		DC	DC	DC	DC
	Quantity		1	1	2	2
	Airflow rate	m³/h	15600	16500	22000	22000
	Max. ESP	Pa	0-20 (standard) 20-120 (customized)	0-20 (standard) 20-120 (customized)	0-20 (standard) 20-120 (customized)	0-20 (standard) 20-120 (customized)
Refrigerant	Type		R410A	R410A	R410A	R410A
	Factory charge	kg	8	8.4	9.3	9.3
Pipe connections[3]	Liquid pipe	mm	Ø15.9	Ø15.9	Ø15.9	Ø15.9
	Gas pipe	mm	Ø28.6	Ø28.6	Ø28.6	Ø28.6
Sound pressure level[4]		dB(A)	60	61	62	62
Net dimensions (W×H×D)		mm	940×1760×825	940×1760×825	1340×1760×825	1340×1760×825
Packed dimensions (W×H×D)		mm	1010×1945×890	1010×1945×890	1410×1945×890	1410×1945×890
Net weight		kg	213	215	295	295
Gross weight		kg	230	232	315	315
Ambient temp. operation range	Cooling	℃	-15 to 55	-15 to 55	-15 to 55	-15 to 55
	Heating	℃	-30 to 30	-30 to 30	-30 to 30	-30 to 30

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Diameters given are those of the unit's stop valves.
4. Sound pressure level is measured at a position 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.

HP			24	26	28	30
Model			NV8i-670WV2GN1(PRO)	NV8i-730WV2GN1(PRO)	NV8i-785WV2GN1(PRO)	NV8i-850WV2GN1(PRO)
Power supply		V/N/Hz	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)
Cooling[1]	Capacity	kW	67.0	73.0	78.5	85.0
		kBtu/h	228.6	249.1	267.9	290.0
	Power input	kW	20.9	23.0	24.9	27.5
	EER		3.20	3.18	3.15	3.09
Heating[2]	Capacity	kW	75.0	81.5	87.5	95.0
		kBtu/h	255.9	278.1	298.6	324.2
	Power input	kW	21.3	22.8	26.1	29.1
	COP		3.52	3.57	3.35	3.26
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity			
	Maximum quantity		39	42	45	48
Compressors	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		2	2	2	2
Fan motors	Type		DC	DC	DC	DC
	Quantity		2	2	2	2
	Airflow rate	m^3/h	21500	21500	29000	28000
	Max. ESP	Pa	0-20 (standard) 20-120 (customized)	0-20 (standard) 20-120 (customized)	0-20 (standard) 20-120 (customized)	0-20 (standard) 20-120 (customized)
Refrigerant	Type		R410A	R410A	R410A	R410A
	Factory charge	kg	9.3	12	19	21
Pipe connections[3]	Liquid pipe	mm	Ø15.9	Ø15.9	Ø22.2	Ø22.2
	Gas pipe	mm	Ø28.6	Ø28.6	Ø31.8	Ø34.9
Sound pressure level[4]		dB(A)	62	62	63	64
Net dimensions (W×H×D)		mm	1340×1760×825	1340×1760×825	1880×1760×825	1880×1760×825
Packed dimensions (W×H×D)		mm	1410×1945×890	1410×1945×890	1935×1945×890	1935×1945×890
Net weight		kg	300	315	373	405
Gross weight		kg	320	335	403	435
Ambient temp. operation range	Cooling	℃	-15 to 55	-15 to 55	-15 to 55	-15 to 55
	Heating	℃	-30 to 30	-30 to 30	-30 to 30	-30 to 30

HP			32	34	36
Model			NV8i-900WV2GN1(PRO)	NV8i-950WV2GN1(PRO)	NV8i-1010WV2GN1(PRO)
Power supply		V/N/Hz	380-415/3/50(60)	380-415/3/50(60)	380-415/3/50(60)
Cooling[1]	Capacity	kW	90.0	95.2	101.0
		kBtu/h	307.1	324.2	344.6
	Power input	kW	31.5	33.9	36.3
	EER		2.86	2.81	2.78
Heating[2]	Capacity	kW	100.0	106.0	112.0
		kBtu/h	341.2	361.7	382.2
	Power input	kW	31.1	33.5	36.0
	COP		3.22	3.16	3.11
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity		
	Maximum quantity		52	55	58
Compressors	Type		DC inverter	DC inverter	DC inverter
	Quantity		2	2	2
Fan motors	Type		DC	DC	DC
	Quantity		2	2	2
	Airflow rate	m^3/h	28000	29000	29000
	Max. ESP	Pa	0-20 (standard) 20-120 (customized)	0-20 (standard) 20-120 (customized)	0-20 (standard) 20-120 (customized)
Refrigerant	Type		R410A	R410A	R410A
	Factory charge	kg	21	21	21
Pipe connections[3]	Liquid pipe	mm	Ø22.2	Ø22.2	Ø22.2
	Gas pipe	mm	Ø34.9	Ø34.9	Ø34.9
Sound pressure level[4]		dB(A)	64	66	66
Net dimensions (W×H×D)		mm	1880×1760×825	1880×1760×825	1880×1760×825
Packed dimensions (W×H×D)		mm	1935×1945×890	1935×1945×890	1935×1945×890
Net weight		kg	405	406	406
Gross weight		kg	435	436	436
Ambient temp. operation range	Cooling	℃	-15 to 55	-15 to 55	-15 to 55
	Heating	℃	-30 to 30	-30 to 30	-30 to 30

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Diameters given are those of the unit's stop valves.
4. Sound pressure level is measured at a position 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.

Heat Pump V6-i Side Discharge Series VRF



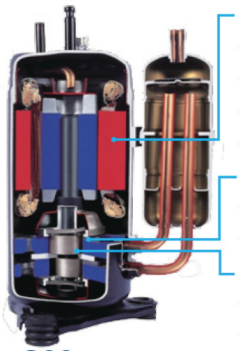
20.0/22.4/26.0/28.0/33.5kW

Features

- High efficiency DC inverter compressor and DC fan motors
- Wide operating range: cooling from -5°C to 55°C; heating from -20°C to 27°C
- Refrigerant cooling PCB, guaranteeing reliable operation at high temperature
- Smaller foot print by side air-discharge
- Connect up to 20 indoor units
- Flexible piping design
- Precise oil control technology
- Auto addressing

DC Inverter Compressor

DC inverter compressors make the output of the outdoor unit to be modulated by the cooling or heating demands of the zone that it controls. This advanced system ensures precise temperature regulation and highly efficient energy usage, making a significant contribution to the environment.



DC Compressor
(Twin Rotary)

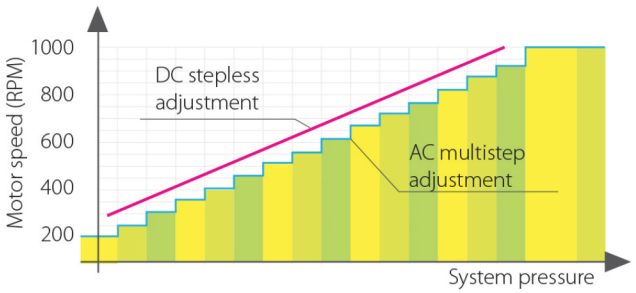
Highly Efficient DC Motor:
- Creative motor core design
- High density neodymium magnet
- Concentrated type stator
-Wider operating frequency range

Better Balance and Extremely Low Vibration:
- Twin eccentric cams
- 2 balance weights

Highly Stable Moving Parts:
- Optimal material matching rollers and vanes
-Optimize compressor drive technology
- Highly robust bearings
-Compact structure

DC Fan Motor

According to the running load and pressure, the outdoor unit controls the speed of DC fan to achieve the minimum power consumption.



Flexible Indoor Units Connection

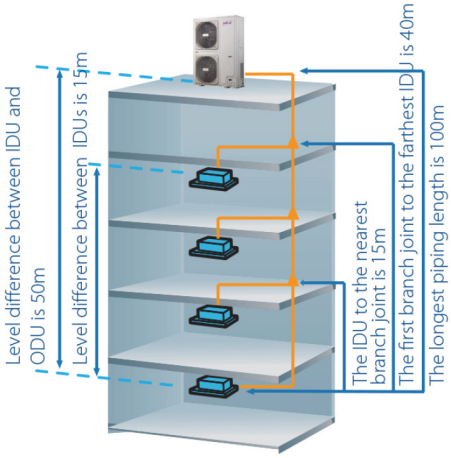
A single outdoor unit supports up to 20 indoor units, freeing up considerable space outside. Use your backyard more wisely with much more space available created by less number of outdoor units.

- *Max. 11 indoor units for a 20.0kW outdoor unit installation*
- *Max. 13 indoor units for a 22.4kW outdoor unit installation*
- *Max. 15 indoor units for a 26kW outdoor unit installation*
- *Max. 16 indoor units for a 28kW outdoor unit installation*
- *Max. 20 indoor units for a 33.5kW outdoor unit installation*



Heat Pump V6-i Side Discharge Series VRF

Flexible Piping Design



It provides a total piping length possibility of 150m, a maximum height difference between outdoor and indoor units of 50m. The height difference between indoor units can be up to 15m.

- *Total piping length: 150m*
- *Longest length - actual (equivalent): 100m (120m)*
- *Longest length after first branch: 40m*
- *Longest length after nearest branch: 15m*
- *Largest height difference between indoor and outdoor units - ODU up (down): 50m (40m)*
- *Largest height difference between indoor units: 15m*

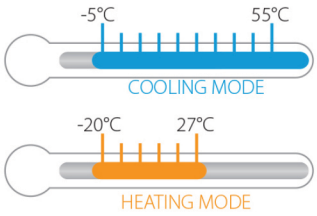
Refrigerant Cooling PCB

It uses refrigerant cooling technology to cool the electric control box which can decrease the average temperature of electrical control components by about 8 degrees, guaranteeing the stable and safe running of the control system even at **55°C.**



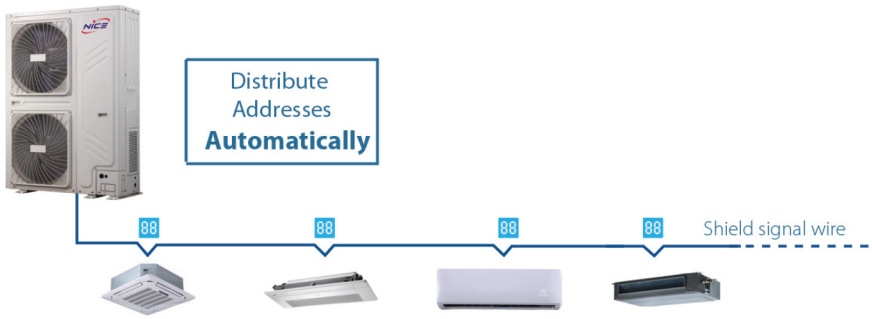
Wide Operation Range

It can operate cooling mode from -5°C to as high as 55°C and heating mode from -20°C to 27°C.



Auto Addressing

Outdoor unit can distribute addresses for indoor unit automatically. Wireless and wired controllers can query and modify each indoor unit's address.



Specifications

HP	7	8	9	10	12
Model name	NVi-200WV2GN1(A)	NVi-224WV2GN1(A)	NVi-260WV2GN1(A)	NVi-280WV2GN1(A)	NVi-335WV2GN1(A)
Power supply	380-415V-3N-50/60Hz				
Cooling capacity (kW)	20.0	22.4	26.0	28.0	33.5
Heating capacity (kW)	22.5	25.0	28.5	31.5	37.5
Airflow (m^3/h)	9000	9000	10000	11000	11300
Sound pressure level (dB(A))	58	58	59	60	61
Total capacity of connectable indoor units	50-130				
Max. quantity of connectable indoor units	11	13	15	16	20
Dimensions (WxHxD) (mm)	1120×1558×528				
Gas pipe (mm)	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ12.7
Liquid pipe (mm)	Φ19.1	Φ19.1	Φ22.2	Φ22.2	Φ25.4
Operating temperature range - cooling (°C)	-5~55				
Operating temperature range - heating (°C)	-20~27				

Notes:
Cooling capacity is based on the following conditions: Indoor temperature 27°C DB/19°C WB; Outdoor temperature 35°C DB/24°C WB;
Heating capacity is based on the following conditions: Indoor temperature 20°C DB/15°C WB; Outdoor temperature 7°C DB/6°C WB;
Piping length: Interconnecting piping length is 7.5m and level difference is zero.
Sound values are measured in a semi-anechoic room, at a position 1m in front of the unit and 1m above the floor.
Product specifications change from time to time as product improvements and developments are released and may vary from those in this document.

B-MiniC2202304

Mini C 2 Series VRF



DISCOVER

RELIABLE COMFORT

Specifications

Model			NDV-V80W/DHN1(D)	NDV-V100W/DHN1(D)	NDV-V120W/DHN1(D)	NDV-V140W/DHN1(D)	NDV-V160W/DHN1(D)	NDV-V180W/DHN1(D)
Power supply		V-Ph-Hz	220-240/1/ 50(60)			220-240/1/ 50(60)		
Cooling[1]	Capacity	kBtu/h	27	34	41	47	52	59
		kW	8	10	12	14	15.5	17.5
	Input	kW	2	2.55	3.1	3.75	4.8	5.2
	EER	kW/ KW	4.00	3.92	3.87	3.73	3.23	3.37
Heating[2]	Capacity	kBtu/h	30	41	47	54	61	66
		kW	9	12	14	16	18	19.5
	Input	kW	1.95	2.97	3.45	3.85	4.65	5
	COP	kW/ kW	4.62	4.04	4.06	4.16	3.87	3.90
Connectable	Total capacity		45~130% of outdoor unit capacity			45~130% of outdoor unit capacity		
indoor unit	Quantity		1~4	1~6	1~7	1~8	1~9	1~9
Sound pressure level[3]		dB(A)	54	54	56	56	56	57
Net dimensions (WxHxD)[4]		mm	910 x 712 x 426	950 x 840 x 440	950 x 840 x 440	950 x 840 x 440	950 x 840 x 440	1040 x 865 x 523
Packed dimensions (WxHxD)		mm	1045 x 810 x 485	1025 x950 x 510	1025 x950 x 510	1025 x950 x 510	1025 x950 x 510	1120 x 980 x 560
Net weight		kg	49	59.5	63	75	77.5	91
Gross weight		kg	53	66.5	70	82	84.5	99
Ambient Temp. operation range	Cooling	℃	-15~55			-15~55		
	Heating	℃	-15~27			-15~27		

Notes:
1. Cooling capacity is based on the following conditions: Indoor temperature 27°C DB/19°C WB; Outdoor temperature 35°C DB/24°C WB;
2. Heating capacity is based on the following conditions: Indoor temperature 20°C DB/15°C WB; Outdoor temperature 7°C DB/6°C WB;
3. Sound values are measured in a semi-anechoic room, at a point 1m in front of the unit at a height of *m (1m for 80/100 models, 1.2m for 120/140/160 models).
4. Diameters given are those of the unit's stop valve.

VRF Mini C 2 Series Lineup

8kW	10/12/14/16kW	18kW
		

Space Saving

Mini C 2 series is highly space saving, slim and compact designed outdoor units, this ensures flexible installation.

Footprint
Approx.11%reduction



Mini C Footprint: 0.9m²

Mini C 2 Footprint: 0.8m²

Flexible Indoor Units Connection

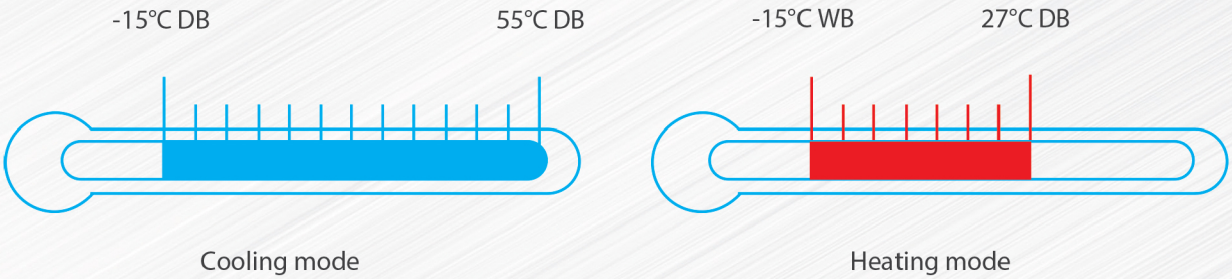
A single outdoor unit supports up to 9 indoor units, freeing up considerable space outside. Use your backyard more wisely with much more space available created by less number of outdoor units.

Max. 4 indoor units for a 80 outdoor unit installation
Max. 6 indoor units for a 100 outdoor unit installation
Max. 7 indoor units for a 120 outdoor unit installation
Max. 8 indoor units for a 140 outdoor unit installation
Max. 9 indoor units for a 160 outdoor unit installation
Max. 9 indoor units for a 180 outdoor unit installation



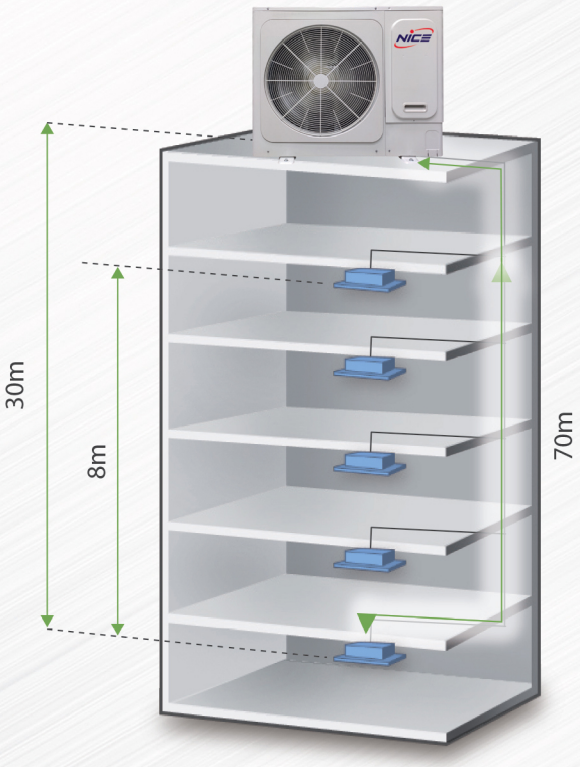
Wide Operation Range

It can operate cooling mode from -15°C to as high as 55°C and heating mode from -15°C to 27°C.



Long Piping Length

The Mini C 2 series Mini VRF provides a total piping length possibility of 130m, a maximum height difference between outdoor and indoor units of 30m. The height difference between indoor units can be up to 8m. These generous allowances facilitate an extensive array of system designs.



Total piping length			Permitted value
Pipe Length	Total PipeLength(Actual)		≤50m(80 model)
			≤65m(140/160 model)
			≤100m(140/160 model)
			≤130m(180 model)
	Maximum Piping	Actual Length	≤35m(80model)
			≤45m(100/120model)
			≤60m(140/160/180model)
		Equivalent Length	≤40m(80model)
			≤50m(100/120model)
			≤70m(140/160/180model)
	Pipe Length(IDU to the nearest branch)		≤15m
Level difference	Level difference between IDU~ODU	Outdoor Unit Up	≤10m (80 model)
			≤20m (100/120 model)
			≤30m (140/160/180 model)
		Outdoor Unit Down	≤10m (80 model)
			≤20m (100/120 model)
			≤20m (140/160/180 model)
	Level difference between IDU~IDU		≤ 8 m

Compact Four-way Cassette



Compact design allows installation in shallow ceilings.

Key Features

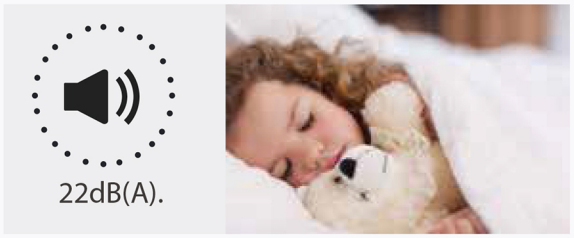
Compact Four-way Cassette		DC Series	AC Series
Comfort	Quiet operation	●	●
	0.5℃/1℃ setting temperature adjustment	●	●
	Digital display on/off	●	●
	Buzzer sound on/off	●	●
Health	Fresh air intake	×	●
	Dirty filters indicator signal	●	●
Air flow	360° airflow	●	●
	Multiple fan speeds	7+auto	3+auto
	Multiple steps vertical swing	5+auto	5+auto
Easy installation	Compact size	●	●
	High-lift drain pump	Rated head: 1000mm Raise height: 500mm	Rated head: 1000mm Raise height: 500mm

Note:
●: equipped as standard; ×: without this function

COMFORT

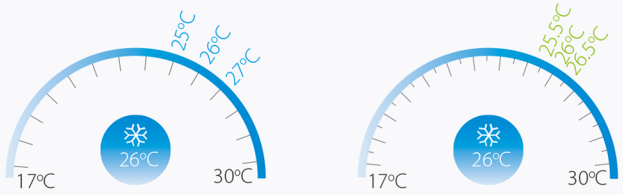
Quiet Operation

The Compact Four-way Cassette's optimized, low resistance air outlets reduce noise levels to as low as 22dB(A).



0.5°C/1°C Setting Temperature Adjustment

Set temperature can be adjusted in 0.5°C or 1°C steps, enabling precise comfort control.



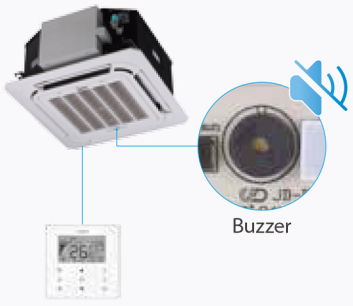
Digital Display On/Off

Indoor unit displays can be shut off at night, creating a better environment for rest.



Buzzer Sound On/Off

Indoor unit buzzer sound can be set off to not disturb the user, creating a quieter environment.



HEALTH

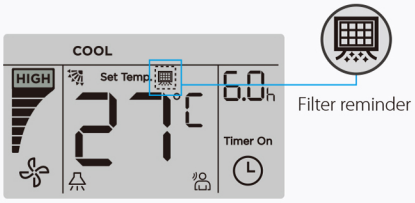
Fresh Air Intake

A reserved outside air intake port allows outdoor fresh air to be introduced directly into the unit, negating the need for a separate ventilation system.



Dirty Filters Indicator Signal

The filter indicator will be on when the running time reaches a certain time to remind user to clean the filter.



AIR FLOW

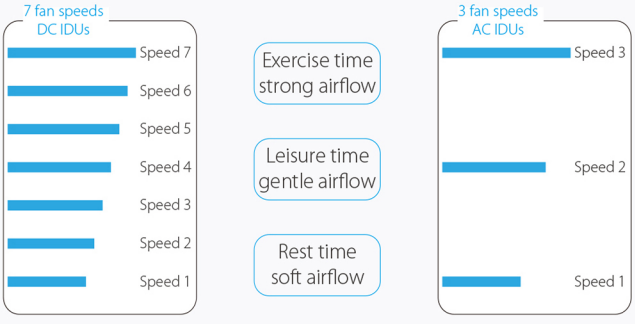
360° Airflow

The Compact Four-way Cassette's 360 ° air outlets provide strong airflow circulation to cool or heat every corner of a room and evenly control temperature.



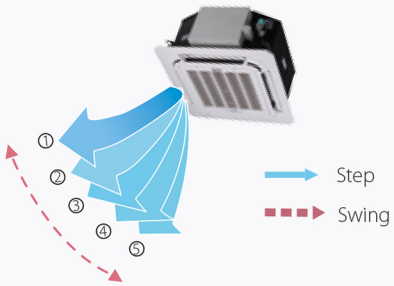
Multiple Fan Speeds

The DC Series comes with 7 indoor fan speed options and AC Series with 3 indoor fan speed options to meet the needs of different indoor conditions.



Multiple Steps Vertical Swing

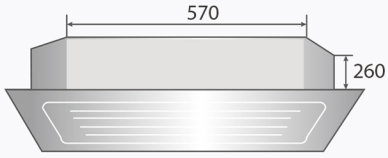
There are 5-steps louver control makes the air flow direction more precisely. In addition, the auto swing mode can better meet different customer needs.



EASY INSTALLATION

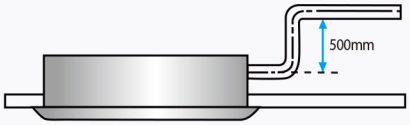
Compact Size

The slim and compact body has reduced the restriction enables the Compact Four-way Cassette successful installation in various ceiling spaces.



High-lift Drain Pump

A drain pump with a 500mm raise height is fitted as standard, simplifying installation of the drain piping.



Specifications - DC Series

Model			NI2-22Q4CDHN1	NI2-28Q4CDHN1
Power supply			1-phase, 220-240V, 50/60Hz	
Cooling[1]	Capacity	kW	2.2	2.8
		kBtu/h	7.5	9.6
	Power input	W	35	35
Heating[2]	Capacity	kW	2.4	3.2
		kBtu/h	8.2	10.9
	Power input	W	35	35
Airflow rate[3]		m^3/h	414/380/345/313/288/268/238	
Sound pressure level[4]		dB(A)	35/34/33/29/26/23/22	
Indoor unit	Net dimensions[5] (WxHxD)	mm	630×260×570	
	Packed dimensions (WxHxD)	mm	700×345×660	
	Net/Gross weight	kg	18/23.8	
Panel	Net dimensions (WxHxD)	mm	647×50×647	
	Packed dimensions (WxHxD)	mm	715×123×715	
	Net/Gross weight	kg	2.5/4.5	
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	
	Drain pipe	mm	OD Φ25	

Model			NI2-36Q4CDHN1	NI2-45Q4CDHN1
Power supply			1-phase, 220-240V, 50/60Hz	
Cooling[1]	Capacity	kW	3.6	4.5
		kBtu/h	12.3	15.4
	Power input	W	40	50
Heating[2]	Capacity	kW	4.0	5.0
		kBtu/h	13.6	17.1
	Power input	W	40	50
Airflow rate[3]		m^3/h	521/485/450/409/380/350/314	
Sound pressure level[4]		dB(A)	41/38/35/32/30/29/28	
Indoor unit	Net dimensions[5] (WxHxD)	mm	630×260×570	
	Packed dimensions (WxHxD)	mm	700×345×660	
	Net/Gross weight	kg	19.2/25.0	
Panel	Net dimensions (WxHxD)	mm	647×50×647	
	Packed dimensions (WxHxD)	mm	715×123×715	
	Net/Gross weight	kg	2.5/4.5	
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	
	Drain pipe	mm	OD Φ25	

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Each model's 7 airflow rate options are listed in order, from highest to lowest.
4. Each model's 7 sound pressure levels are listed in order from highest to lowest and correspond to the model's 7 airflow rate options (see Note 3). Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.
5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

Specifications - AC Series

50Hz Series

Model			NDV-D15Q4/N1-A3(B)	NDV-D22Q4/N1-A3(B)	NDV-D28Q4/N1-A3(B)	NDV-D36Q4/N1-A3(B)	NDV-D45Q4/N1-A3(B)
Power supply			1 phase, 220-240V, 50Hz				
Cooling[1]	Capacity	kW	1.5	2.2	2.8	3.6	4.5
	Input	W	36	50	50	56	56
Heating[2]	Capacity	kW	1.7	2.4	3.2	4	5
	Input	W	36	50	50	56	56
Indoor fan motor	Type		AC				
	Quantity		1				
Refrigerant type			R410A				
Airflow rate (H/M/L)		m^3/h	400/283/208	414/313/238	414/313/238	521/409/314	521/409/314
Sound pressure level (H/M/L)[3]		dB(A)	35/33/23	36/33/23	36/33/23	42/36/29	42/36/29
Indoor unit	Dimension[4] (WxHxD)	mm	570×260×630				
	Packing (WxHxD)	mm	675×285×675				
	Net/Gross weight	kg	17/20			18.5/21.5	
Panel	Dimension (WxHxD)	mm	647×50×647				
	Packing (WxHxD)	mm	715×123×715				
	Net/Gross weight	kg	2.5/4.5				
Pipe connections	Liquid pipe	mm	Φ6.35				
	Gas pipe	mm	Φ12.7				
	Drain pipe	mm	ODΦ25				

Specifications - AC Series

60Hz Series

Model			NDV-D22Q4/VN1-A3(B)	NDV-D28Q4/VN1-A3(B)	NDV-D36Q4/VN1-A3(B)	NDV-D45Q4/VN1-A3(B)
Power supply			1 phase, 220-240V, 60Hz			
Cooling[1]	Capacity	kW	2.2	2.8	3.6	4.5
	Input	W	50		60	
Heating[2]	Capacity	kW	2.4	3.2	4	5
	Input	W	50		60	
Indoor fan motor	Type		AC			
	Quantity		1			
Refrigerant type			R410A			
Airflow rate (H/M/L)		m^3/h	397/292/215	408/310/231	496/359/263	496/359/263
Sound pressure level (H/M/L)[3]		dB(A)	36/33/23		42/36/29	
Indoor unit	Dimension[4] (WxHxD)	mm	570×260×630			
	Packing (WxHxD)	mm	675×285×675			
	Net/Gross weight	kg	17.4/20.4		18.8/21.8	
Panel	Dimension (WxHxD)	mm	647×50×647			
	Packing (WxHxD)	mm	715×123×715			
	Net/Gross weight	kg	2.5/4.5			
Pipe connections	Liquid pipe	mm	Φ6.35			
	Gas pipe	mm	Φ12.7			
	Drain pipe	mm	OD Φ25			

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.
4. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

Four-way Cassette



360° airflow for immediate, equal distribution of wider-angle cooling and heating, idea for standard ceilings.

Key Features

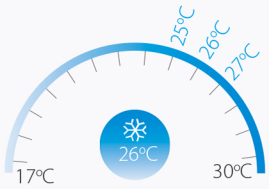
Four-way Cassette		DC Series	AC Series
Comfort	Quiet operation	●	●
	0.5℃/1℃ setting temperature adjustment	●	●
	Digital display on/off	●	●
	Buzzer sound on/off	●	●
Health	Air filter	● ○ (G3-class) (28-140)	●
	Fresh air intake	●	●
	Dirty filters indicator signal	●	●
Air flow	360° airflow	●	●
	Individual louver control	○	○
	Soft wind	●	●
	Multiple fan speeds	7+auto	3+auto
	Multiple steps vertical swing	5+auto	5+auto
Easy installation	Compact size	●	●
	High ceiling installation	●	●
	High-lift drain pump	Rated head: 1200mm Raise height: 750mm	Rated head: 1200mm Raise height: 750mm

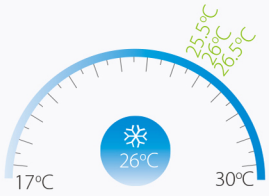
Note:
●: equipped as standard; ○: customization option

COMFORT

0.5°C/1°C Setting Temperature Adjustment

Set temperature can be adjusted in 0.5°C or 1°C steps, enabling precise comfort control.





Digital Display On/Off

Indoor unit displays can be shut off at night, creating a better environment for rest.



Buzzer Sound On/Off

Indoor unit buzzer sound can be set off to not disturb the user, creating a quieter environment.



HEALTH

Optional G3-class Air Filter

The DC Four-way Cassette supports 30Pa external static pressure for the G3-class filter installation. Filtering effect of the G3-class filter reaches up to 80%-90% against coarse dust (particle size > 10 μm), creating a cleaner living environment.



The optional filter comply with EN779:2012

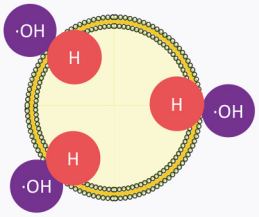
Note: This function is available for 360° panel only.

Ionizer Sterilization

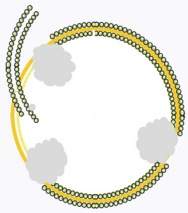
The powerful Ionizer protects you from bad odors and harmful bacteria. The circulating sterilization rate is over 96%.



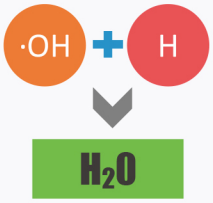
1.Negative ions combine with water molecules to form OH radicals



2.OHradical extraction of hydrogen from bacterial proteins



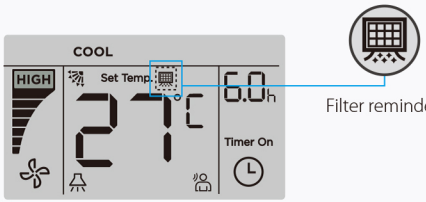
3.Components of bacterial tissues are destroyed and become ineffective (realize sterilization)



4. OH radicals eventually reduce to natural water molecules (pollution-free)

Dirty Filters Indicator Signal

The filter indicator will be on when the running time reaches a certain time to remind user to clean the filter.



AIR FLOW

360° Airflow

New design, round air flow path ensures uniform air flow and temperature distribution.



Individual louver control*

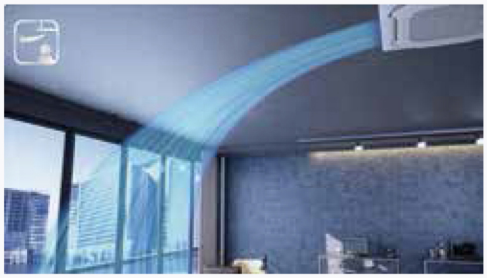
The Individual louver control can control the motors separately, making it possible to control all four louvers independently.



*This function is available as a customization option.

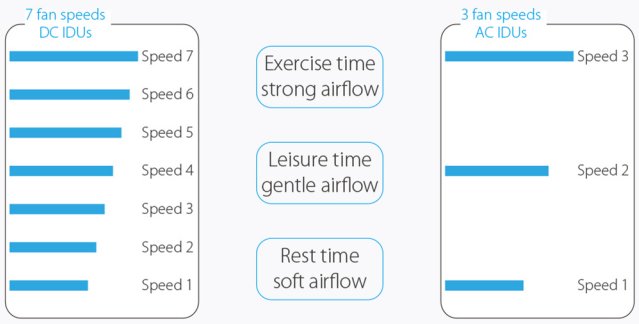
Soft Wind Mode

In soft wind mode, supply air against the ceiling to create windless environment, more comfort.



Multiple Fan Speeds

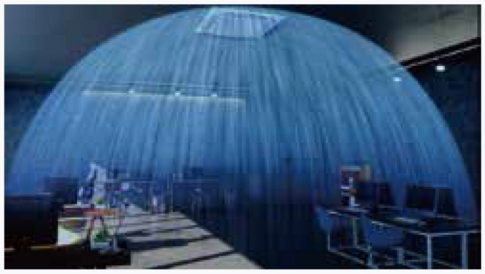
The DC Series comes with 7 indoor fan speed options and AC Series with 3 indoor fan speed options to meet the needs of different indoor conditions.



EASY INSTALLATION

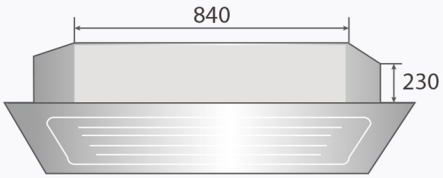
High Ceiling Installation

The Four-way Cassette reserves a super high fan speed for high ceiling installation, it can provide power full cooling and heating up to 4.2m in height from floor.



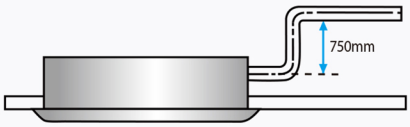
Compact Size

The height of models 28 to 80 are just 230mm whilst models 90 to 160 are 300mm, making the Four-way Cassette idea for standard ceilings.



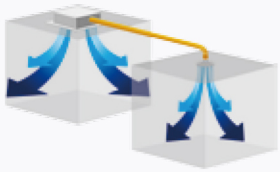
High-lift Drain Pump

A drain pump with a 750mm raise height is fitted as standard, simplifying installation of the drain piping.



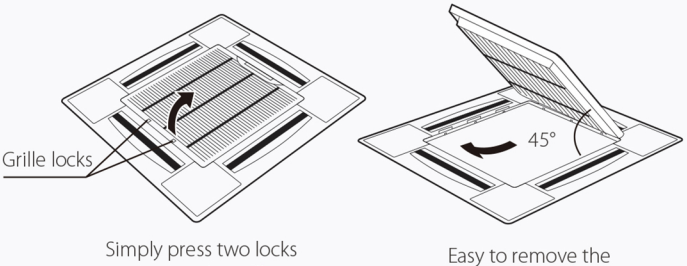
Sub Duct

Connecting a sub-duct enables an indoor unit to be used to also cool a smaller nearby space.



Convenient Panel Installation

The user-friendly design makes the panels very easy to install and simplifies field work.



Specifications - DC Series

Model			NI2-28Q4DHN1	NI2-36Q4DHN1	NI2-45Q4DHN1	NI2-56Q4DHN1	NI2-71Q4DHN1
Power supply			1 phase, 220-240V, 50/60Hz				
Cooling[1]	Capacity	kW	2.8	3.6	4.5	5.6	7.1
		kBtu/h	9.6	12.3	15.4	19.1	24.2
	Power input	W	40	45	50	60	70
Heating[2]	Capacity	kW	3.2	4.0	5.0	6.3	8.0
		kBtu/h	10.9	13.6	17.1	21.5	27.3
	Power input	W	40	45	50	60	70
Airflow rate[3]		m^3/h	801/751/711/658/637/611/542	801/751/711/658/637/611/542	893/866/804/744/714/698/635	893/866/804/744/714/698/635	977/937/864/800/778/738/671
Sound pressure level[4]		dB(A)	32/31/30/28/28/26/23		35/34/31/31/30/28/26		35/35/34/31/30/28/27
Indoor unit	Net dimensions[5] (WxHxD)	mm	840×230×840				
	Packed dimensions (WxHxD)	mm	955×260×955				
	Net/Gross weight	kg	21.3/25.8	21.3/25.8	23.2/27.6	23.2/27.6	23.2/27.6
Panel	Net dimensions (W×H×D)	mm	950×54.5×950				
	Packed dimensions (W×H×D)	mm	1035×90×1035				
	Net/Gross weight	kg	5.5/8.2				
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ9.53/Φ15.9	Φ9.53/Φ15.9
	Drain pipe	mm	OD Φ32				

Model			NI2-80Q4DHN1	NI2-90Q4DHN1	NI2-100Q4DHN1	NI2-112Q4DHN1	NI2-140Q4DHN1	NI2-160Q4DHN1
Power supply			1 phase, 220-240V, 50/60Hz					
Cooling[1]	Capacity	kW	8.0	9.0	10.0	11.2	14.0	16.0
		kBtu/h	27.3	30.7	34.1	38.2	47.8	54.5
	Power input	W	96	100	150	160	170	170
Heating[2]	Capacity	kW	9.0	10.0	11.0	12.5	16.0	18.0
		kBtu/h	30.7	34.1	37.5	42.7	54.6	61.3
	Power input	W	96	100	150	160	170	170
Airflow rate[3]		m^3/h	1203/1131/1064/977/912/840/774	1349/1294/1230/1201/1111/1029/970	1700/1600/1440/1250/1200/1150/1100	1700/1600/1440/1250/1200/1150/1100	1800/1650/1500/1300/1250/1200/1150	2100/1950/1800/1750/1600/1450/1350
Sound pressure level[4]		dB(A)	36/35/34/31/31/29/28	37/35/34/31/31/30/28	43/42/40/38/37/35/34	43/42/40/38/37/35/34	45/44/42/41/40/39/37	46/44/42/41/39/38/37
Indoor unit	Net dimensions[5] (WxHxD)	mm	840×230×840	840×300×840				950×300×950
	Packed dimensions (WxHxD)	mm	955×260×955	955×330×955				1050×335×1050
	Net/Gross weight	kg	23.2/27.6	28.4/33.8			30.7/35.8	35.3/41.2
Panel	Net dimensions (W×H×D)	mm	950×54.5×950					1050×55.0×1050
	Packed dimensions (W×H×D)	mm	1035×90×1035					1115×100×1115
	Net/Gross weight	kg	5.5/8.2					7.4/9.7
Pipe connections	Liquid/Gas pipe	mm	Φ9.53/Φ15.9					
	Drain pipe	mm	OD Φ32					

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Each model's 7 airflow rate options are listed in order, from highest to lowest.
4. Each model's 7 sound pressure levels are listed in order from highest to lowest and correspond to the model's 7 airflow rate options (see Note 3). Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.
5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

Specifications - AC Series

50Hz Series

Model			NDV-D28Q4/N1-E(B)	NDV-D36Q4/N1-E(B)	NDV-D45Q4/N1-E(B)	NDV-D56Q4/N1-E(B)	NDV-D71Q4/N1-E(B)
Power supply			1 phase, 220-240V, 50Hz				
Cooling[1]	Capacity	kW	2.8	3.6	4.5	5.6	7.1
	Power input	W	80	80	88	88	88
Heating[2]	Capacity	kW	3.2	4	5	6.3	8
	Power input	W	80	80	88	88	88
Indoor fan motor	Type		AC				
	Quantity		1				
Refrigerant type			R410A				
Airflow rate (H/M/L)		m^3/h	764/638//554	764/638//554	905/740//651	905/740//651	950/767//663
Sound pressure level (H/M/L)[3]		dB(A)	32/31/30	32/31/30	36/34/33	36/34/33	38/36/35
Indoor unit	Dimension[4] (WxHxD)	mm	840×230×840				
	Packing (WxHxD)	mm	955×260×955				
	Net/Gross weight	kg	21.5/26.7		23.7/28.9		
Panel	Dimension (WxHxD)	mm	950×50×950				
	Packing (WxHxD)	mm	1035×89×1035				
	Net/Gross weight	kg	5.8/7.9				
Pipe connections	Liquid pipe	mm	Φ6.35			Φ9.53	
	Gas pipe	mm	Φ12.7			Φ15.9	
	Drain pipe	mm	ODΦ32				

Model			NDV-D80Q4/N1-E(B)	NDV-D90Q4/N1-E(B)	NDV-D100Q4/N1-E(B)	NDV-D112Q4/N1-E(B)	NDV-D140Q4/N1-E(B)
Power supply			1 phase, 220-240V, 50Hz				
Cooling[1]	Capacity	kW	8	9	10	11.2	14
	Power input	W	110	140	165	165	176
Heating[2]	Capacity	kW	9	10	11.1	12.5	16
	Power input	W	110	140	165	165	176
Indoor fan motor	Type		AC				
	Quantity		1				
Refrigerant type			R410A				
Airflow rate (H/M/L)		m^3/h	1200/1021/789	1332/1129/908	1651/1304/1127	1651/1304/1127	1658/1335/1130
Sound pressure level (H/M/L)[3]		dB(A)	42/39/37	43/39/38	45/42/40	45/42/40	46/41/39
Indoor unit	Dimension[4] (WxHxD)	mm	840×230×840	840×300×840			
	Packing (WxHxD)	mm	955×260×955	955×330×955			
	Net/Gross weight	kg	23.7/28.9	28.7/34.1	28.7/34.1	28.7/34.1	30.9/36.3
Panel	Dimension (WxHxD)	mm	950×50×950				
	Packing (WxHxD)	mm	1035×89×1035				
	Net/Gross weight	kg	5.8/7.9				
Pipe connections	Liquid pipe	mm	Φ9.53				
	Gas pipe	mm	Φ15.9				
	Drain pipe	mm	ODΦ32				

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.
4. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

Specifications - AC Series

60Hz Series

Model			NDV-D28Q4/VN1-E(B)	NDV-D36Q4/VN1-E(B)	NDV-D45Q4/VN1-E(B)	NDV-D56Q4/VN1-E(B)	NDV-D71Q4/VN1-E(B)	NDV-D80Q4/VN1-E(B)
Power supply			1 phase, 220-240V, 60Hz					
Cooling[1]	Capacity	kW	2.8	3.6	4.5	5.6	7.1	8
	Input	W	80	80	88	88	105	120
Heating[2]	Capacity	kW	3.2	4	5	6.3	8	9
	Input	W	80	80	88	88	105	120
Indoor fan motor	Type		AC					
	Quantity		1					
Refrigerant type			R410A					
Airflow rate (H/M/L)		m^3/h	791/674/596	791/674/596	942/777/662	942/777/662	1235/1013/805	1235/1013/805
Sound pressure level (H/M/L)[3]		dB(A)	30/25/22	30/25/22	35/31/27	35/31/27	43/37/31	43/37/31
Indoor unit	Dimension[4] (WxHxD)	mm	840×230×840					
	Packing (WxHxD)	mm	955×260×955					
	Net/Gross weight	kg	21.5/26.7		23.7/28.9			
Panel	Dimension (WxHxD)	mm	950×50×950					
	Packing (WxHxD)	mm	1035×89×1035					
	Net/Gross weight	kg	5.8/7.9					
Pipe connections	Liquid pipe	mm	Φ6.35			Φ9.53		
	Gas pipe	mm	Φ12.7			Φ15.9		
	Drain pipe	mm	OD Φ32					

Model			NDV-D90Q4/VN1-E(B)	NDV-D100Q4/VN1-E(B)	NDV-D112Q4/VN1-E(B)	NDV-D140Q4/VN1-E(B)
Power supply			1 phase, 220-240V, 60Hz			
Cooling[1]	Capacity	kW	9	10	11.2	14
	Input	W	187	200	200	220
Heating[2]	Capacity	kW	10	11.1	12.5	16
	Input	W	187	200	200	220
Indoor fan motor	Type		AC			
	Quantity		1			
Refrigerant type			R410A			
Airflow rate (H/M/L)		m^3/h	1333/1158/957	1634/1219/1139		1692/1243/1157
Sound pressure level (H/M/L)[3]		dB(A)	43/38/32	45/37/35		46/38/37
Indoor unit	Dimension[4] (WxHxD)	mm	840×300×840			
	Packing (WxHxD)	mm	955×330×955			
	Net/Gross weight	kg	28.7/34.1			30.9/36.3
Panel	Dimension (WxHxD)	mm	950×50×950			
	Packing (WxHxD)	mm	1035×89×1035			
	Net/Gross weight	kg	5.8/7.9			
Pipe connections	Liquid pipe	mm	Φ9.53			
	Gas pipe	mm	Φ15.9			
	Drain pipe	mm	OD Φ32			

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.
4. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

Medium Static Pressure Duct



Slim, compact design for limited space with duct distribution to the indoor space.

Key Features

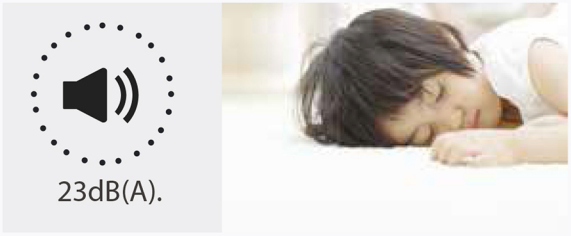
Medium Static Pressure Duct		DC Series	AC Series
Comfort	Quiet operation	●	●
	0.5°C/1°C setting temperature adjustment	●	●
	Digital display on/off	●	●
	Buzzer sound on/off	●	●
Health	Air filter	● ○ (G3-class)	● ○ (G3-class)
	Innovative puro-air kit	●	●
	Fresh air intake	●	●
	Dirty filters indicator signal	●	●
Air flow	Adjustable ESP	10-steps	×
	Multiple fan speeds	7+auto	3+auto
Easy installation	Compact size	●	●
	Stylish air discharge panel	○ (17 to 71)	○ (17 to 71)
	Flexible air inlet port installation	●	●
	High-lift drain pump	Rated head: 1200mm Raise height: 750mm	Rated head: 1200mm Raise height: 750mm

Note:
●: equipped as standard; ○: customization option; ×: without this function

COMFORT

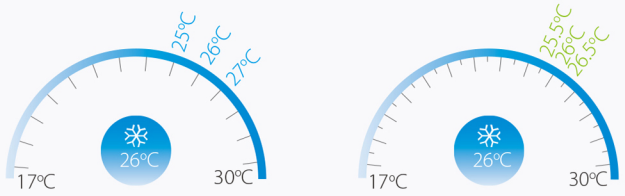
Quiet Operation

The Medium Static Pressure Duct indoor unit utilizes centrifugal blowers, reducing noise levels to as low as 23dB(A), and is an excellent choice for hotels and other noise-sensitive locations.



0.5°C/1°C Setting Temperature Adjustment

Set temperature can be adjusted in 0.5°C or 1°C steps, enabling precise comfort control.



Digital Display and Buzzer Sound On/Off

Indoor unit displays can be shut off at night and buzzer sound can be set off to not disturb the user, creating a better environment for rest.



HEALTH

Optional G3-class Air Filter

G3-class filter is optional for Medium Static Pressure Duct installation. Filtering effect of the G3-class filter reaches up to 80%-90% against coarse dust (particle size > 10 μm), creating a cleaner living environment.



The optional filter comply with EN779:2012

Innovative Puro-air Kit

Puro-Air kit, powered by OSRAM's UVC lamps, can effectively kill bacteria, viruses and odors of indoor air to provide a healthy and safe indoor environment. It is also innovatively designed so that it could prevent UV damage to the eyes, skin, and respiratory tract.

Puro-Air Kit
Protectors of health and safety



OSRAM From Germany -OSRAM quality UV light source

1st The world's first air conditioning sterilization product certification
99.9% Effective killing rate of white grape fungus
99.9% Effective killing rate of H1N1
98% Effective killing rate of natural bacteria

Ozone –Free
UV leakage-Free

*The indoor unit needs to be customized in order to use the Puro-air Kit.

AIR FLOW

Static Pressure 10 Steps Control

Depending on the installation environment, Medium Static Pressure Duct is controlled the static pressure up to 10 steps via wired remote controller, for providing comfortable environment suitable for any environment.



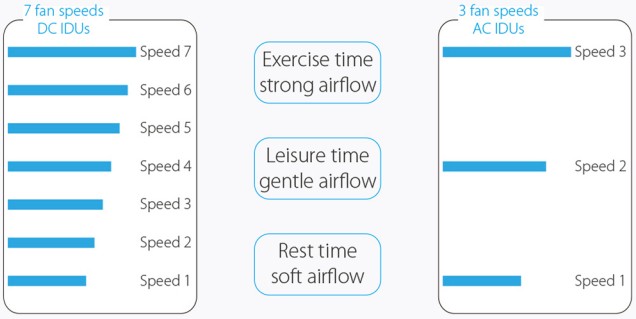
Constant airflow discharge



10 steps static pressure control

Multiple Fan Speeds

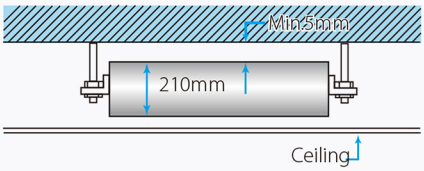
The DC Series comes with 7 indoor fan speed options and AC Series with 3 indoor fan speed options to meet the needs of different indoor conditions.



EASY INSTALLATION

Compact Size

Models 22 to 71 are just 210mm high whilst models 80 to 112 are 270mm high and model 140 to 160 are 300mm high.



Stylish Air Discharge Panel

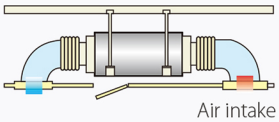
Stylish air discharge panel can be integrated with any decoration style (optional for models 17 to 71).



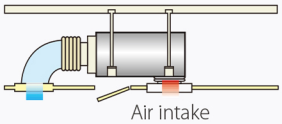


Flexible Air Inlet Port Installation

To provide the flexibility to adapt to differing installation situations, the air inlet may be positioned either on the underside or the rear of the unit.



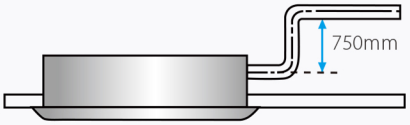
Air intake from rear



Air intake from below

High-lift Drain Pump

A drain pump with a 750mm raise height is fitted as standard, simplifying installation of the drain piping.



Specifications - DC Series

Standard Series

Model			NI2-22T2DHN1	NI2-28T2DHN1	NI2-36T2DHN1
Power supply			1 phase, 220-240V, 50/60Hz		
Cooling[1]	Capacity	kW	2.2	2.8	3.6
		kBtu/h	7.5	9.6	12.3
	Power input	W	40	40	45
Heating[2]	Capacity	kW	2.6	3.2	4.0
		kBtu/h	8.2	10.9	13.6
	Power input	W	40	40	45
Airflow rate[3]		m^3/h	520/480/440/400/360/330/300		580/540/500/460/430/400/370
External static pressure		Pa	10 (0~70)		
Sound pressure level[4]		dB(A)	32/31/29/28/26/25/23		33/32/31/30/28/27/25
Indoor unit	Net dimensions[5] (WxHxD)	mm	780×210×500		
	Packed dimensions (WxHxD)	mm	870×285×525		
	Net/Gross weight	kg	18/21		
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/ Φ12.7		
	Drain pipe	mm	OD Φ25		

Model			NI2-45T2DHN1	NI2-56T2DHN1	NI2-71T2DHN1
Power supply			1 phase, 220-240V, 50/60Hz		
Cooling[1]	Capacity	kW	4.5	5.6	7.1
		kBtu/h	15.4	19.1	24.2
	Power input	W	92	92	98
Heating[2]	Capacity	kW	5.0	6.3	8.0
		kBtu/h	17.1	21.5	27.3
	Power input	W	92	92	98
Airflow rate[3]		m^3/h	800/740/680/620/540/480/400	830/790/750/710/660/620/580	1000/960/900/840/780/720/680
External static pressure		Pa	10 (0~70)		
Sound pressure level[4]		dB(A)	36/34/32/31/29/27/25	36/34/33/32/30/29/28	37/35/33/32/30/29/28
Indoor unit	Net dimensions[5] (WxHxD)	mm	1000×210×500		1220×210×500
	Packed dimensions (WxHxD)	mm	1090x285x525		1335×285×525
	Net/Gross weight	kg	21.5/25		25.7/30.2
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/ Φ12.7	Φ9.53/Φ15.9	
	Drain pipe	mm	OD Φ25		

Model			NI2-80T2DHN1	NI2-90T2DHN1	NI2-112T2DHN1	NI2-140T2DHN1	NI2-160T2DHN1
Power supply			1 phase, 220-240V, 50/60Hz				
Cooling[1]	Capacity	kW	8.0	9.0	11.2	14.0	16.0
		kBtu/h	27.3	30.7	38.2	47.8	54.6
	Power input	W	110	120	200	250	250
Heating[2]	Capacity	kW	9.0	10.0	12.5	15.5	18.0
		kBtu/h	30.7	34.1	42.7	52.9	61.4
	Power input	W	110	120	200	250	250
Airflow rate[3]		m^3/h	1260/1180/1100/1020/940/860/780		1500/1430/1360/1290/ 1210/1140/1080	1960/1860/1760/1660/ 1560/1460/1360	2300/2100/2000/1900/ 1750/1600/1450
External static pressure		Pa	20 (10~100)			40 (30~150)	
Sound pressure level[4]		dB(A)	37/35/34/33/31/29/28		39/38/38/37/35/34/33	41/39/38/37/36/35/33	42/41/39/38/37/35/34
Indoor unit	Net dimensions[5] (WxHxD)	mm	1230×270×775			1290×300×865	1490×300×865
	Packed dimensions (WxHxD)	mm	1355×355×795			1400×375×925	1605×345×955
	Net/Gross weight	kg	36.5/44.5	37/45		46.5/55.5	54/63
Pipe connections	Liquid/Gas pipe	mm	Φ9.53/Φ15.9				
	Drain pipe	mm	OD Φ25				

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Each model's 7 airflow rate options are listed in order, from highest to lowest.
4. Each model's 7 sound pressure levels are listed in order from highest to lowest and correspond to the model's 7 airflow rate options (see Note 3). Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.
5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

All specifications are measured at standard external static pressure.

Specifications - DC Series

ESP Increased Series

Model			NI2-22T2DHN1(A)	NI2-28T2DHN1(A)	NI2-36T2DHN1(A)
Power supply			1 phase, 220-240V, 50/60Hz		
Cooling[1]	Capacity	kW	2.2	2.8	3.6
		kBtu/h	7.5	9.6	12.3
	Power input	W	45	45	45
Heating[2]	Capacity	kW	2.6	3.2	4.0
		kBtu/h	8.2	10.9	13.6
	Power input	W	45	45	45
Airflow rate[3]		m^3/h	580/540/500/460/430/400/370		
External static pressure		Pa	10 (10~80)		
Sound pressure level[4]		dB(A)	33/32/31/30/28/27/25		
Indoor unit	Net dimensions[5] (W×H×D)	mm	780x210x500		
	Packed dimensions (W×H×D)	mm	870×285×525		
	Net/Gross weight	kg	18/21		
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7		
	Drain pipe	mm	OD Φ25		

Model			NI2-45T2DHN1(A)	NI2-56T2DHN1(A)	NI2-71T2DHN1(A)	NI2-90T2DHN1(A)
Power supply			1 phase, 220-240V, 50/60Hz			
Cooling[1]	Capacity	kW	4.5	5.6	7.1	9.0
		kBtu/h	15.4	19.1	24.2	30.7
	Power input	W	97	97	103	150
Heating[2]	Capacity	kW	5.0	6.3	8.0	10.0
		kBtu/h	17.1	21.5	27.3	34.1
	Power input	W	97	97	103	150
Airflow rate[3]		m^3/h	910 /850/790/730/670/610/550	1000/945/885/825/765/705/635	1270/1200/1130/1060/990/920/850	1710/1600/1490/1380/1270/1160/1060
External static pressure		Pa	40 (30~150)			
Sound pressure level[4]		dB(A)	38/36/35/34/32/30/28	39/38/37/35/33/31/29	38/36/34/32/31/29/28	41/40/38/37/35/33/32
Indoor unit	Net dimensions[5] (W×H×D)	mm	1010x270x635		1230×270×775	
	Packed dimensions (W×H×D)	mm	1145x355x705		1355×350×795	
	Net/Gross weight	kg	29/34		36.5/44.5	37/45
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/ Φ12.7	Φ9.53/Φ15.9		
	Drain pipe	mm	OD Φ25			

Model			NI2-112T2DHN1(A)	NI2-140T2DHN1(A)	NI2-160T2DHN1(A)
Power supply			1 phase, 220-240V, 50/60Hz		
Cooling[1]	Capacity	kW	11.2	14.0	16.0
		kBtu/h	38.2	47.8	54.6
	Power input	W	205	260	250
Heating[2]	Capacity	kW	12.5	15.5	18.0
		kBtu/h	42.7	52.9	61.4
	Power input	W	205	260	250
Airflow rate[3]		m^3/h	1870/1760/1660/1560/1460/1365/1275	2320/2210/2110/2010/1900/1800/1700	2300/2100/2000/1900/1750/1600/1450
External static pressure		Pa	40 (30~150)		
Sound pressure level[4]		dB(A)	40/38/37/36/35/34/33	43/42/41/40/39/38/37	42/41/39/38/37/35/34
Indoor unit	Net dimensions[5] (W×H×D)	mm	1290x300x865		1490×300×865
	Packed dimensions (W×H×D)	mm	1400x375x925		1605×345×955
	Net/Gross weight	kg	46.5/55.5		54/63
Pipe connections	Liquid/Gas pipe	mm	Φ9.53/Φ15.9		
	Drain pipe	mm	OD Φ25		

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Each model's 7 airflow rate options are listed in order, from highest to lowest.
4. Each model's 7 sound pressure levels are listed in order from highest to lowest and correspond to the model's 7 airflow rate options (see Note 3).
   Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.
5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

All specifications are measured at standard external static pressure.

Specifications - AC Series

50Hz Series

Model			NDV-D22T2/N1-DA5(B)	NDV-D28T2/N1-DA5(B)	NDV-D36T2/N1-DA5(B)	NDV-D45T2/N1-DA5(B)	NDV-D56T2/N1-DA5(B)
Power supply			1 phase, 220-240V,50Hz				
Cooling[1]	Capacity	kW	2.2	2.8	3.6	4.5	5.6
	Input	W	57	57	61	98	103
Heating[2]	Capacity	kW	2.6	3.2	4	5	6.3
	Input	W	57	57	61	98	103
Indoor fan motor	Type		AC				
	Quantity		1				
Refrigerant type			R410A				
Airflow rate (H/M/L)		m^3/h	550/397/309	550/397/309	605/442/351	800/573/479	800/573/479
External static pressure (Std(Min~Max))		Pa	10(0~30)	10(0~30)	10(0~30)	10(0~30)	10(0~30)
Sound pressure level (H/M/L)[3]		dB(A)	31/24/21	31/24/21	35/28/24	36/29/26	36/29/27
Indoor unit	Dimension[4] (WxHxD)	mm	778x210x500			997x210x500	
	Packing (WxHxD)	mm	870×285×525			1115×285×525	
	Net/Gross weight	kg	17.5/20			22/25	
Piping connections	Liquid pipe	mm	Φ6.35				Φ9.53
	Gas pipe	mm	Φ12.7				Φ15.9
	Drain pipe	mm	OD Φ25				

Model			NDV-D71T2/N1-DA5(B)	NDV-D80T2/N1-BA5(B)	NDV-D90T2/N1-BA5(B)	NDV-D112T2/N1-BA5(B)	NDV-D140T2/N1-BA5(B)
Power supply			1 phase, 220-240V,50Hz				
Cooling[1]	Capacity	kW	7.1	8	9	11.2	14
	Input	W	140	198	200	313	274
Heating[2]	Capacity	kW	8	9	10	12.5	15.5
	Input	W	140	198	200	313	274
Indoor fan motor	Type		AC				
	Quantity		1				
Refrigerant type			R410A				
Airflow rate (H/M/L)		m^3/h	985/738/630	1345/1165/1013	1345/1165/1013	1800/1556/1400	1905/1636/1400
External static pressure (Std(Min~Max))		Pa	10(0~30)	20(10~50)	20(10~50)	40(10~80)	40(10~100)
Sound pressure level (H/M/L)[3]		dB(A)	36/30/27	45/40/37	45/40/37	48/42/38	48/43/39
Indoor unit	Dimension[4] (WxHxD)	mm	1218x210x500	1230×270×775			1290×300×865
	Packing (WxHxD)	mm	1335x285x525	1355×350×795			1400×375×925
	Net/Gross weight	kg	27.5/31	37.5/43	37.5/43	37.5/43	46.5/55.5
Piping connections	Liquid pipe	mm	Φ9.53				
	Gas pipe	mm	Φ15.9				
	Drain pipe	mm	OD Φ25				

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.
4. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.
All specifications are measured at standard external static pressure.

Specifications - AC Series

60Hz Series

Model			NDV-D22T2/VN1-DA5(B)	NDV-D28T2/VN1-DA5(B)	NDV-D36T2/VN1-DA5(B)	NDV-D45T2/VN1-DA5(B)	NDV-D56T2/VN1-DA5(B)
Power supply			1 phase, 220-240V,60Hz				
Cooling[1]	Capacity	kW	2.2	2.8	3.6	4.5	5.6
	Input	W	66	72	77	100	100
Heating[2]	Capacity	kW	2.6	3.2	4	5	6.3
	Input	W	66	72	77	100	100
Indoor fan motor	Type		AC				
	Quantity		1				
Refrigerant type			R410A				
Airflow rate (SH/H/M/L)		m^3/h	538/456/375	538/456/375	597/514/429	811/684/575	811/684/575
External static pressure (Std(Min~Max))		Pa	10(10~30)				
Sound pressure level (H/M/L)[3]		dB(A)	36/35/32	36/35/32	39/38/34	39/38/34	39/38/34
Indoor unit	Dimension[4] (WxHxD)	mm	780x210x500			1000x210x500	
	Packing (WxHxD)	mm	870×285×525			1115×285×525	
	Net/Gross weight	kg	17.5/20			22/25	
Pipe connections	Liquid pipe	mm	Φ6.35				Φ9.53
	Gas pipe	mm	Φ12.7				Φ15.9
	Drain pipe	mm	OD Φ25				

Model			NDV-D71T2/VN1-DA5(B)	NDV-D80T2/VN1-BA5(B)	NDV-D90T2/VN1-BA5(B)	NDV-D112T2/VN1-BA5(B)	NDV-D140T2/VN1-BA5(B)
Power supply			1 phase, 220-240V,60Hz				
Cooling[1]	Capacity	kW	7.1	8	9	11.2	14
	Input	W	125	133	134	378	352
Heating[2]	Capacity	kW	8	9	10	12.5	15.5
	Input	W	125	133	134	378	352
Indoor fan motor	Type		AC				
	Quantity		1				
Refrigerant type			R410A				
Airflow rate (SH/H/M/L)		m^3/h	1029/934/781	1345/1165/1013	1345/1165/1013	1800/1556/1400	1905/1636/1400
External static pressure (Std(Min~Max))		Pa	10(10~30)	20(10~50)	20(10~50)	40(10~80)	40(10~100)
Sound pressure level (H/M/L)[3]		dB(A)	41/39/35	45/40/37	45/40/37	48/42/38	48/43/39
Indoor unit	Dimension[4] (WxHxD)	mm	1220x210x500	1230×270×775			1290×300×865
	Packing (WxHxD)	mm	1335×285×525	1355×350×795			1400×375×925
	Net/Gross weight	kg	27.5/31	37.5/43			46.5/55.5
Pipe connections	Liquid pipe	mm	Φ9.53				
	Gas pipe	mm	Φ15.9				
	Drain pipe	mm	OD Φ25				

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.
4. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.
All specifications are measured at standard external static pressure.

Wall Mounted Indoor Unit



M9 panel (Standard)

M2 panel (Optional)



M10 panel (Optional)



M11 panel (Optional)

Optional wireless remote controller

RM12F

RM05B(A)

Optional wired controller



WDC-86E/KD



WDC-120G/WK(A)

FEATURES

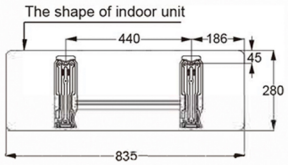
Interchangeable Panels - 7 indoor Fan Speed - 5-Step Sewing Louver

Half Degree Temp Set - Display light shut-Off - Buzzer sound Shut-Off

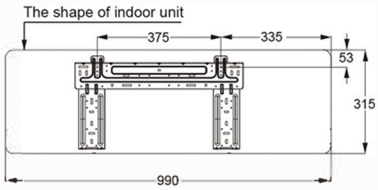
Auto-Restart Function - Bi-Directional Wired Controller - Digital LED Display

Installation dimensions(unit: mm)

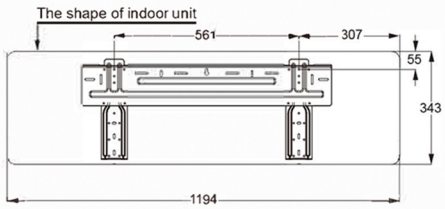
2.2/2.8/3.6kW



4.5/5.6kW



7.1/8.0/9.0kW



Specifications

Model			NDV-D22G/N1-M	NDV-D28G/N1-M	NDV-D36G/N1-M	NDV-D45G/N1-M
Power supply			1 phase, 220-240V, 50Hz			
Cooling	Capacity	kW	2.2	2.8	3.6	4.5
	Input	W	29	29	31	45
Heating	Capacity	kW	2.4	3.2	4	5
	Input	W	29	29	31	45
Indoor fan motor	Type		AC			
	Quantity		1			
Refrigerant type			R410A			
Indoor air flow		m^3/h	446/429/424/409/394/382/373	457/445/433/421/419/410/402	447/429/399/369/339/333/303	648/618/582/563/546/505/476
Sound pressure level		dB(A)	34/33/33/32/32/31/31	33/33/32/32/31/31/31	36/35/34/33/32/32/32	37/36/34/34/33/32/31
Indoor unit	Dimension (WxHxD)	mm	835×280×203			990×315×223
	Packing (WxHxD)	mm	915x353x300			1075x395x300
	Net/Gross weight	kg	8.5/11.0	8.5/11.0	9.7/12.2	13.8/16.4
Pipe connections	Liquid pipe	mm	Φ6.35			
	Gas pipe	mm	Φ12.7			
	Drain pipe	mm	OD Φ16			

Model			NDV-D56G/N1-M	NDV-D71G/N1-M	NDV-D80G/N1-M	NDV-D90G/N1-M
Power supply			1 phase, 220-240V, 50Hz			
Cooling	Capacity	kW	5.6	7.1	8	9
	Input	W	54	77	77	90
Heating	Capacity	kW	6.3	8	9	10
	Input	W	54	77	77	90
Indoor fan motor	Type		AC			
	Quantity		1			
Refrigerant type			R410A			
Indoor air flow		m^3/h	798/764/723/691/665/627/595	1240/1171/1107/1045/976/914/869	1248/1194/1119/1056/993/914/863	1427/1403/1303/1232/1186/1096/1043
Sound pressure level		dB(A)	42/41/40/39/38/37/36	48/47/45/44/42/39/38	48/47/45/43/42/39/38	52/51/50/49/47/45/43
Indoor unit	Dimension (WxHxD)	mm	990×315×223	1194×343×262		
	Packing (WxHxD)	mm	1075x395x300	1265x420x345		
	Net/Gross weight	kg	13.8/16.4	17.4/20.8	17.6/21.0	17.6/21.0
Pipe connections	Liquid pipe	mm	Φ9.53			
	Gas pipe	mm	Φ15.9			
	Drain pipe	mm	OD Φ16			

Notes:

1 Nominal capacity are based on the following conditions:

- Cooling: Indoor air temperature 27℃ DB, 19℃ WB; outdoor air temperature 35℃ DB; equivalent refrigerant piping length 7.5m with zero level difference.
- Heating: Indoor air temperature 20℃ DB; outdoor air temperature 7℃ DB, 6℃ WB; equivalent refrigerant piping length 7.5m with zero level difference.

2 Sound pressure level is measured at a position 1m in front and 1m below the unit in a semi-anechoic chamber.

Product specifications change from time to time as product improvements and developments are released and may vary from those in this document.



NICE Commercial Air Conditioning System

HVAC Solutions - VRF - Mini VRF System

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