

TECHNICAL SPECIFICATIONS



ULTIMATE 26 SEER2 DUCTLESS HEAT PUMP



FEATURES AND BENEFITS

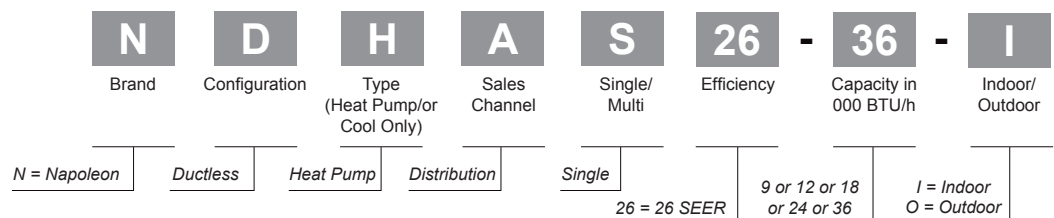
- Very high efficiency rating
- Available capacities : 9,000 BTU/h, 12,000 BTU/h, 18,000 BTU/h, 24,000 BTU/h & 36,000 BTU/h
- Energy Star & NEEP certified and approved up to 24,000 BTU/h capacity
- Operating range -30°C (-22°F) to 50°C (122°F) up to 24,000 BTU/h capacity
- Includes a stylish remote control for conveniently adjusting settings such as Sleep Mode, LED light, room temperature, and turning the unit on/off.
- Intelligent Eye Technology – automatically ramps up the operation to give optimum comfort to the occupant and it ramps down to save energy when you leave.
- Remote will also follow you and your core temperature!
- Wi-Fi Capable (NDWC-KT)

ENVIRONMENTALLY RESPONSIBLE

Ultimate 26 SEER2 Ductless Heat Pump Series are ranked among the most energy-efficient and cost-effective ways of heating and cooling a home. Napoleon's ductless heat pumps use a high efficiency direct current compressor motor for a smooth, quiet operation that reduces energy consumption.

NOMENCLATURE

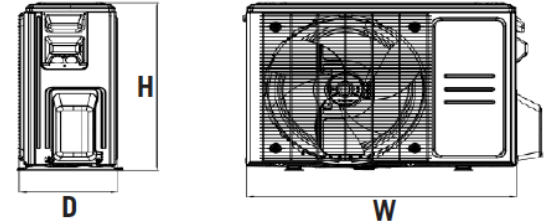
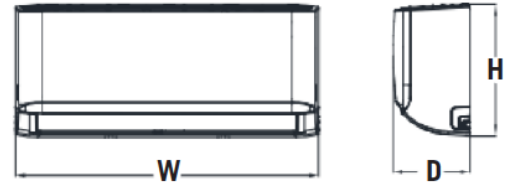
NDHAS26 - 26 SEER2
HEAT PUMP SERIES



DUCTLESS SPECIFICATIONS

DIMENSIONS

INDOOR UNIT INFORMATION	NDHAS26-09-I	NDHAS26-12-I	NDHAS26-18-I	NDHAS26-24-I	NDHAS26-36-I
Width (mm/in)	795/31.3	795/31.3	965/37.99	1140/44.88	1140/44.88
Depth (mm/in)	225/8.86	225/8.86	239/9.41	275/10.83	275/10.83
Height (mm/in)	295/11.61	295/11.61	319/12.56	370/14.57	370/14.57
Net weight (lb/kg)	22.71/10.3	22.93/10.4	27.12/12.3	43.65/19.8	43.65/19.8
Gross weight (lb/kg)	28.88/13.1	28.88/13.1	35.71/16.2	54.89/24.9	54.89/24.9
OUTDOOR UNIT INFORMATION	NDHAS26-09-O	NDHAS26-12-O	NDHAS26-18-O	NDHAS26-24-O	NDHAS26-36-O
Width (mm/in)	805/31.69	805/31.69	890/35.04	946/37.24	946/37.24
Depth (mm/in)	303/12.99	330/12.99	342/13.46	410/16.14	410/16.14
Height (mm/in)	554/21.81	554/21.81	673/26.5	810/31.89	810/31.89
Net weight (lb/kg)	74.07/33.6	73.63/33.4	100.97/45.8	134.48/61	150.13/68.1
Gross weight (lb/kg)	80.25/36.4	79.37/36	108.03/49	144.4/65.5	158.95/72.1



SYSTEM DATA

	NDHAS26-09	NDHAS26-12	NDHAS26-18	NDHAS26-24	NDHAS26-36
	NDHAS26-09 Ductless Heat Pump - Shipped in 2 PCS. NDHAS26-09-I, NDHAS26-09-O	NDHAS26-12 Ductless Heat Pump - Shipped in 2 PCS. NDHAS26-12-I, NDHAS26-12-O	NDHAS26-18 Ductless Heat Pump - Shipped in 2 PCS. NDHAS26-18-I, NDHAS26-18-O	NDHAS26-24 Ductless Heat Pump - Shipped in 2 PCS. NDHAS26-24-I, NDHAS26-24-O	NDHAS26-36 Ductless Heat Pump - Shipped in 2 PCS. NDHAS26-36-I, NDHAS26-36-O
AHRI Number	207683233	207683234	207683235	207683236	207683237
Indoor SKU	NDHAS26-09-I	NDHAS26-12-I	NDHAS26-18-8	NDHAS26-24-I	NDHAS26-36-I
Outdoor SKU	NDHAS26-09-O	NDHAS26-12-O	NDHAS26-18-O	NDHAS26-24-O	NDHAS26-36-O
Cooling Capacity Rated BTU (Range)	9000(3300~14300)	12000(3300~14300)	18000(8870~19400)	24000(6850~27000)	36000(9300~38800)
Heating Capacity Rated BTU (Range)	11800(5000~15200)	12000(5000~15300)	18000(15100~19500)	29000(11900~31000)	36000(11570~37000)
SEER2	28.1	25.5	21.5	21.5	18
EER2	16.2	14	12.5	13	8.5
HSPF2 (Region IV)	11.5	10.4	13	11.4	8
HSPF2 (Region V)	9	8	7.9	9.2	6.4
Heating at 17F (-8.33°C) BTU	12000	12000	20270	19800	22500
Heating at 5F (-15°C) BTU	10500	12000	18000	25400	20400
Heating at 5F (-15°C) COP	1.8	1.75	1.75	1.75	1.75
Gas Pipe (mm/inch)	9.52 (3/8)	12.7 (1/2)	12.7 (1/2)	15.9 (5/8)	15.9 (5/8)
Liquid Pipe (mm/in)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)
Max. refrigerant pipe length (m)	25	25	30	50	65
Max. refrigerant pipe length (ft)	82.02	82.02	98	164.04	213.25
Max. difference in level (m)	10	10	20	25	30
Max. difference in level (ft)	32.81	32.81	66	82.02	98.42
Connection Wiring	14AWG*4, stranded, unshielded	14AWG*4, stranded, unshielded	14AWG*4, stranded, unshielded	14AWG*4, stranded, unshielded	14AWG*4, stranded, unshielded
Refrigerant Gas (oz/kg)	R410A 41.62/1.18	R410A 41.62/1.18	R410A 65.2/1.85	R410A 91.7/2.6	R410A 119.9/3.4
Additional charge per metre (oz/ft)(g/m)	0.16/15	0.16/15	0.16/15	0.32/30	0.32/30
Max Fuse	15	15	25	35	35
Minimum Circuit Capacity	15	15	16	25	28
Power Supply	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz
Indoor air flow (Hi/Mi/Lo) CFM	335.29/229.41/176.47	335.29/229.41/176.47	523.53/376.47/ 305.88	611.18/414.12/318.82	1087/860/650
Indoor noise level (Hi/Mi/Lo) dBA	38/33.5/23.5	38/33.5/23.5	46/42/24	46/39/34	639.41/505.88/382.35
Outdoor air flow CFM	1323.53	1323.53	1764.7	2235.29	2235.29
Outdoor noise level dBA	54.5	56	59	62	61.5
Indoor (cooling/ heating)	60-90°F / 32-81°F 16-32°C / 0-27°C	60-90°F / 32-81°F 16-32°C / 0-27°C	60-90°F / 32-81°F 16-32°C / 0-27°C	60-90°F / 32-81°F 16-32°C / 0-27°C	60-90°F / 32-81°F 16-32°C / 0-27°C
Outdoor (cooling/heating)	-22-122°F / -22-86°F -30-50°C / -30-30°C	-22-122°F / -22-86°F -30-50°C / -30-30°C	-22-122°F / -22-86°F -30-50°C / -30-30°C	-22-122°F / -22-86°F -30-50°C / -30-30°C	-22-122°F / -22-86°F -30-50°C / -30-30°C



COMPRESSOR & PARTS
LIMITED WARRANTY



PERFORMANCE DATA — HEATING

DB – Dry Bulb

TC – Total Net Capacity (1000 Btu/hour)

SC – Sensible Capacity (1000 Btu/hour)

Input – Total Power (kW)

HEATING		OUTDOOR CONDITIONS (DB)														
		-13°F -25°C	-4°F -20°C	0°F -17.8°C	5°F -15°C	10°F -12.2°C	17°F -8.3°C	20°F -6.7°C	25°F -3.9°C	32°F 0°C	35°F 1.7°C	40°F 4.4°C	47°F 8.3°C	50°F 10°C	57°F 13.9°C	
NDHAS26-09-0 / NDHAS26-09-0	60°F (15.6°C)	TC	5.79	7.26	8.98	10.21	11.25	12.31	13.60	14.19	14.64	15.03	15.54	15.71	15.90	16.46
		Input	1.39	1.40	1.41	1.51	1.54	1.62	1.69	1.71	1.75	1.76	1.78	1.58	1.43	1.36
	65°F (18.3°C)	TC	5.65	7.05	8.71	9.90	10.94	11.93	13.24	13.71	14.19	14.61	15.12	15.27	15.45	15.90
		Input	1.43	1.44	1.44	1.55	1.58	1.65	1.74	1.76	1.79	1.81	1.83	1.63	1.47	1.39
	70°F (21.1°C)	TC	5.49	6.83	8.49	9.59	10.62	11.63	12.83	13.29	13.74	14.22	14.72	14.88	15.03	15.44
		Input	1.46	1.48	1.49	1.58	1.63	1.70	1.79	1.81	1.83	1.85	1.88	1.68	1.50	1.43
	75°F (23.9°C)	TC	5.28	6.53	8.10	9.16	10.18	11.14	12.33	12.80	13.13	13.70	14.12	14.29	14.43	14.81
		Input	1.50	1.53	1.53	1.63	1.67	1.76	1.84	1.87	1.89	1.90	1.94	1.74	1.55	1.48
NDHAS26-12-0 / NDHAS26-12-0	60°F (15.6°C)	TC	7.85	9.15	10.22	11.45	12.74	13.37	13.95	14.54	15.04	15.39	16.03	16.32	16.61	17.09
		Input	1.53	1.66	1.67	1.74	1.85	1.82	1.83	1.80	1.81	1.81	1.80	1.61	1.47	1.42
	65°F (18.3°C)	TC	7.60	8.87	9.92	11.09	12.37	13.02	13.49	14.09	14.54	15.01	15.54	15.78	16.14	16.54
		Input	1.56	1.70	1.71	1.77	1.89	1.87	1.87	1.86	1.86	1.86	1.85	1.66	1.51	1.45
	70°F (21.1°C)	TC	7.34	8.64	9.59	10.75	12.04	12.59	13.11	13.61	14.11	14.60	15.12	15.38	15.61	15.98
		Input	1.60	1.74	1.75	1.83	1.93	1.93	1.92	1.91	1.90	1.90	1.90	1.71	1.55	1.48
	75°F (23.9°C)	TC	7.01	8.25	9.22	10.31	11.55	12.15	12.61	13.05	13.60	14.06	14.58	14.69	15.04	15.36
		Input	1.65	1.79	1.81	1.89	1.99	1.99	1.99	1.97	1.96	1.96	1.97	1.76	1.60	1.52
NDHAS26-18-0 / NDHAS26-18-0	60°F (15.6°C)	TC	14.62	16.27	18.11	18.91	19.78	20.40	21.22	21.27	21.17	21.14	21.44	21.43	21.50	21.92
		Input	3.24	3.14	3.01	2.94	2.88	2.95	3.03	2.94	2.88	2.79	2.70	2.31	2.02	1.96
	65°F (18.3°C)	TC	14.26	15.78	17.65	18.32	19.12	19.90	20.58	20.59	20.64	20.52	20.71	20.71	20.77	21.18
		Input	3.32	3.23	3.09	3.01	2.94	3.02	3.12	3.03	2.95	2.85	2.77	2.36	2.07	2.01
	70°F (21.1°C)	TC	13.84	15.38	17.09	17.86	18.58	19.23	19.92	19.95	19.98	20.00	20.03	20.05	20.07	20.53
		Input	3.41	3.32	3.16	3.10	3.01	3.11	3.21	3.11	3.02	2.93	2.85	2.41	2.12	2.07
	75°F (23.9°C)	TC	13.26	14.80	16.39	17.12	17.91	18.50	19.21	19.11	19.20	19.20	19.19	19.15	19.35	19.79
		Input	3.52	3.40	3.26	3.18	3.11	3.21	3.32	3.22	3.12	3.02	2.94	2.49	2.19	2.13
NDHAS26-24-0 / NDHAS26-24-0	60°F (15.6°C)	TC	17.37	21.05	23.99	25.23	26.97	27.36	27.27	27.38	27.47	27.74	28.01	28.90	29.91	30.19
		Input	3.31	3.56	3.55	3.70	3.94	3.67	3.46	3.46	3.49	3.51	3.49	3.08	2.76	2.73
	65°F (18.3°C)	TC	16.89	20.33	23.20	24.59	26.26	26.43	26.48	26.64	26.77	27.01	27.11	28.12	29.09	29.45
		Input	3.41	3.63	3.64	3.79	4.03	3.75	3.55	3.56	3.56	3.59	3.60	3.14	2.83	2.81
	70°F (21.1°C)	TC	16.42	19.78	22.48	23.80	25.42	25.54	25.68	25.86	26.04	26.22	26.38	27.35	28.33	28.73
		Input	3.49	3.71	3.73	3.91	4.12	3.83	3.62	3.64	3.65	3.67	3.68	3.22	2.91	2.86
	75°F (23.9°C)	TC	15.81	18.99	21.69	22.97	24.53	24.42	24.55	24.70	24.95	25.12	25.32	26.28	27.22	27.44
		Input	3.59	3.82	3.84	4.04	4.25	3.95	3.71	3.73	3.75	3.80	3.78	3.32	2.98	2.94
NDHAS26-36-0 / NDHAS26-36-0	60°F (15.6°C)	TC	16.09	17.64	19.81	21.65	22.19	22.67	24.17	25.86	27.07	28.44	34.58	39.30	39.67	40.52
		Input	3.07	3.25	3.25	3.20	3.19	3.23	3.31	3.37	3.39	3.41	3.85	4.18	4.11	4.00
	65°F (18.3°C)	TC	15.63	17.21	19.24	21.04	21.59	22.01	23.53	24.99	26.36	27.75	33.47	38.16	38.63	39.15
		Input	3.15	3.31	3.33	3.29	3.28	3.31	3.38	3.45	3.46	3.50	3.93	4.27	4.20	4.11
	70°F (21.1°C)	TC	15.24	16.66	18.73	20.43	20.96	21.48	22.87	24.26	25.59	26.89	32.40	37.01	37.61	38.12
		Input	3.22	3.41	3.43	3.36	3.38	3.39	3.45	3.52	3.55	3.59	4.05	4.36	4.30	4.20
	75°F (23.9°C)	TC	14.67	15.97	17.94	19.69	20.16	20.51	22.05	23.41	24.54	25.68	30.98	35.35	36.26	36.79
		Input	3.31	3.50	3.55	3.45	3.49	3.49	3.54	3.62	3.66	3.68	4.17	4.51	4.43	4.34