



SUBMITTAL DATA SHEET

NDHAS26-12-I/NDHAS26-12-O

12,000 BTU/H(208/230V)

Wall Mounted Heat Pump System

Location: _____
Engineer: _____
Submitted to: _____
Submitted by: _____
Reference: _____

Approval: _____
Date: _____
Construction: _____
Unit #: _____
Drawing #: _____

Set Model

Indoor unit model NDHAS26-12-I
Outdoor unit model NDHAS26-12-O

Certified

AHRI



UL

**SYSTEM PERFORMANCE DATA****Power supply**

Normal Operational Voltage (V, Ph, Hz) 208/230, 1,60
Voltage Range (V) 187-253

Electrical

Minimum circuit ampacity (A) 15.0
Max.fuse (A) 15.0
Connection wiring 14*4 AWG

Cooling

Rated Capacity (Btu/h) 12000
Capacity Range (Btu/h) 3300~14300
Power Input (Max) (W) 857
Rated current (A) 3.72
SEER (SEER2) (Btu/W) 25.5 (25.5)
EER (EER2) (Btu/W) 14 (14)

Heating at 47F

Rated Capacity (Btu/h) 12000
Capacity Range (Btu/h) 5000~15300
Power Input (Max) (W) 907
Rated current (A) 4.1
HSPF4 (HSPF2 Reg 4) (Btu/W) 13 (10.4)
HSPF5 (HSPF2 Reg 5) (Btu/W) 10.5 (8)
COP W/W 3.88

Heating at 17F

Max Capacity (Btu/h) 12000

REFRIGERANT PIPE DATA

Design pressure (PSIG) 550/340
Refrigerant Type (Oz) R410A/41.62
Refrigerant precharge (ft) 25.0
(m) 7.6
Additional charge for each ft (oz/ft) 0.16
(g/ft) 15
Liquid side/ Gas side (inch) 1/4" / 1/2"
(mm) 6.35/12.7
Max. pipe length (ft) 82.0
(m) 25.0
Max. difference in level (ft) 32.8
(m) 10.0
Connection method (Flared)

Indoor(cooling/ heating) (Deg. °F) 60~90 / 32~81
(Deg. °C) 16~32 / 0~27
Outdoor(cooling/heating) (Deg. °F) -22~-122 / -22~-86

INDOOR UNIT DATA**Indoor fan motor**

Type Cross-Flow
Model ZKFP-20-8-6-21
Qty 1
Input (W) 50.0
RLA (A) 0.25
LRA (A) ---
Winding Resistance (Ω) ---
Capacitor (uF) ---
Speed(Hi/Mi/Lo) (r/min) 1050/930/870

Air flow & Noise level

Indoor air flow (Hi/Med/Lo) (l) (CFM) 335.29/229.41/176.47
Indoor noise level (Hi/Med/L) [dB(A)] 38/33.5/23.5

Dehumidification (Pint/H) ---**Indoor unit**

Dimension (WxDxH) (inch) 33.40x9.18x11.76
(mm) 848.4x233.2x298.6
Packing(WxDxH) (inch) 36.22x12.20x14.57
(mm) 920x310x370
Net/Gross weight (lbs.) 22.93/28.88
(kg) 10.4/13.1

OUTDOOR UNIT DATA**Compressor**

Type KTN110D42UFZ
Model DUAL ROTARY
Brand GMCC
Capacity (Btu/h) 11822.58
Input (W) 885
Rated current (RLA) (A) -
Refrigerant oil/oil charge (ml) -
Throttle Capillary +EXV

Outdoor fan motor

Model ZKFN-34-10-1
Qty 1
Input (W) --
RLA (A) --
Speed (r/min) 850/680/450

Air flow & Noise level

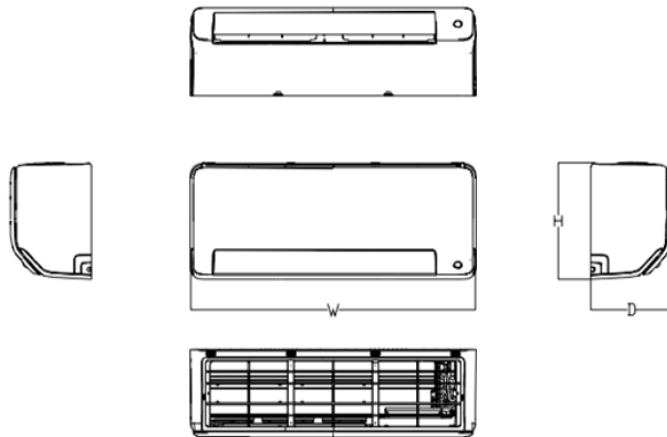
Outdoor air flow (Max.) (CFM) 1323.50
Outdoor noise level [dB(A)] 56

Outdoor unit

Dimension (W×D×H) (inch) 31.69x12.99x21.81
(mm) 805x330x554
Packing (W×D×H) (inch) 36.02x14.57x24.21
(mm) 915x370x615

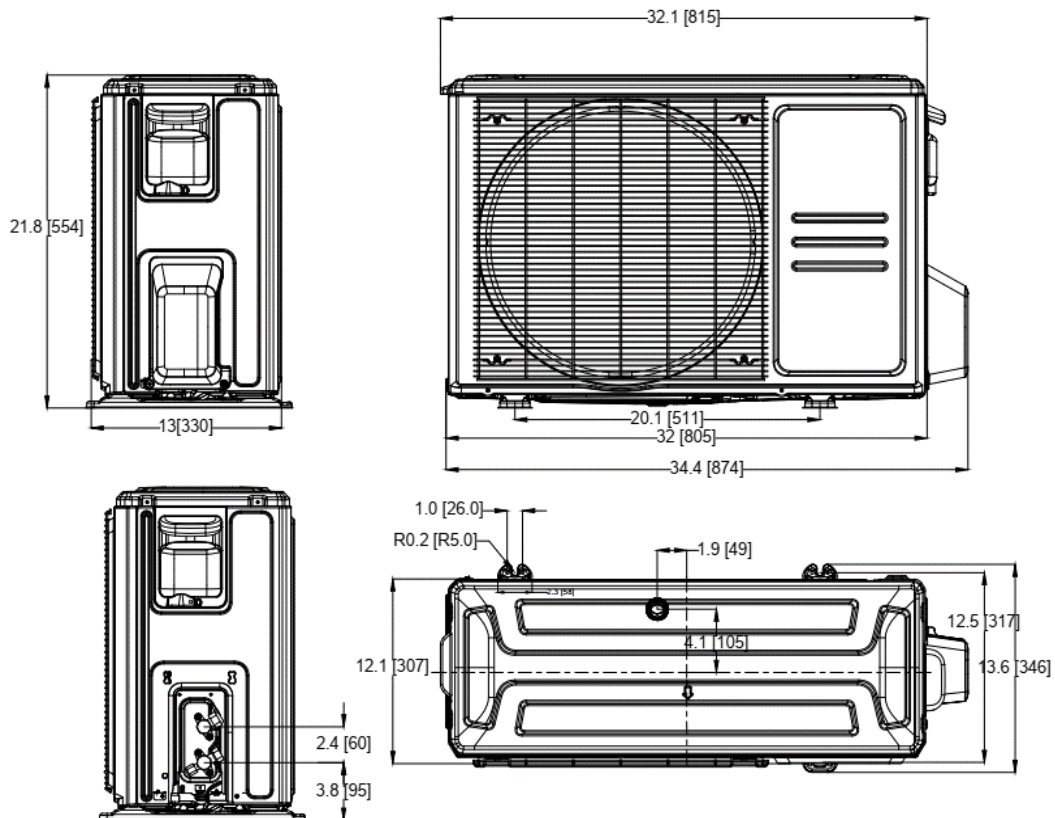
Application area	(Deg. °C)	-30 ~ 50 / -30 ~ 30	Net/ Gross weight	(lbs.)	73.63/79.37
	(sq.ft)	172.22 ~ 247.57		(kg)	33.4/36
	(m2)	16 ~ 23			

Indoor unit dimension



Capacity	Body Type	W (mm/inch)	D (mm/inch)	H (mm/inch)
9K - 12K	B	848.4/33.4	233.2/9.18	298.6/11.76
18K - 24K	C	1017.4/40.06	246.9/9.72	320/12.60
24K - 36K	D	1190/46.85	284.6/11.2	370.6/14.59

Outdoor unit dimension



General Features

Intelligent Eye(optional)
 Easy Installation
 Easy Maintenance
 Easy Clean
 High Efficiency
 Wireless Remote with LCD Display