



Nv-SERIES

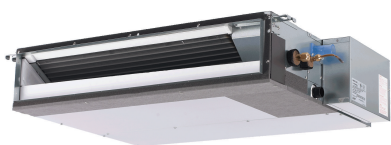
SUBMITTAL DATA: NTXDKS18A112A*

18,000 BTU/H HORIZONTAL LOW STATIC DUCTED INDOOR UNIT FOR MULTI-ZONE HEAT PUMP SYSTEMS

Job Name:

System Reference:

Date:



INDOOR UNIT FEATURES

- Concealed horizontal-ducted unit for applications with short duct runs
- Quiet operation
- Ultra-thin body: 7-7/8" high
- Built-in condensate lift mechanism (lifts to 21-21/32")
- Multiple control options available:
 - kumo cloud® smart device app for remote access
 - Third-party interface options
 - Wired or wireless controllers
- Static capability up to 0.20 in. WG

SPECIFICATIONS: NTXDKS18A112A*

Cooling Capacity ^{1, 3}		BTU/H	17,200
Heating Capacity ^{2, 3}		BTU/H	21,600
Electrical	Voltage, Phase, Frequency		208/230V, 1 phase, 60Hz
	Guaranteed Voltage Range	V AC	187-253
	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
	Short-circuit Current Rating (SCCR)	V DC	12
MCA		A	1
Blower Motor Full Load Amperage		A	0.74
Blower Motor Output		W	96
Airflow Rate at Cooling, Dry		CFM	635-529-423
Airflow Rate at Cooling, Wet		CFM	572-476-381
Airflow Rate at Heating, Dry		CFM	635-529-423
Sound Pressure Level (Cooling)		dB(A)	38-34-30
Sound Pressure Level (Heating)		dB(A)	38-34-30
External Static Pressure		in.WG	0.02-0.06-0.14-0.20
Drain Pipe Size		In. (mm)	1 1/4 (32)
Condensate Lift Mechanism, Maximum Distance		In. (mm)	21-21/32 (550)
Heat Exchanger Type			Plate fin coil
External Finish Color			Galvanized
Unit Dimensions	W: In. (mm)		46 7/8 (1,190)
	D: In. (mm)		27 9/16 (700)
	H: In. (mm)		7 7/8 (200)
Package Dimensions	W: In. (mm)		55 1/8 (1,400)
	D: In. (mm)		35 7/16 (900)
	H: In. (mm)		14 3/16 (360)
Unit Weight		Lbs. (kg)	62 (28)
Package Weight		Lbs. (kg)	90 (41)
Refrigerant	Type		R410A
	Charge	Lbs, oz	3, 16

Notes:

Nominal Conditions	¹ Cooling (Indoor // Outdoor)	°F	80 DB, 67 WB // 95 DB, 75 WB
	² Heating at 47°F (Indoor // Outdoor)	°F	70 DB, 60 WB // 47 DB, 43 WB

³Capacity varies based on the number of indoor units operating and the model of the Multi-zone Outdoor Unit. For reference to connected capacity charts, please refer Multi-zone Outdoor Unit Operational Performance.

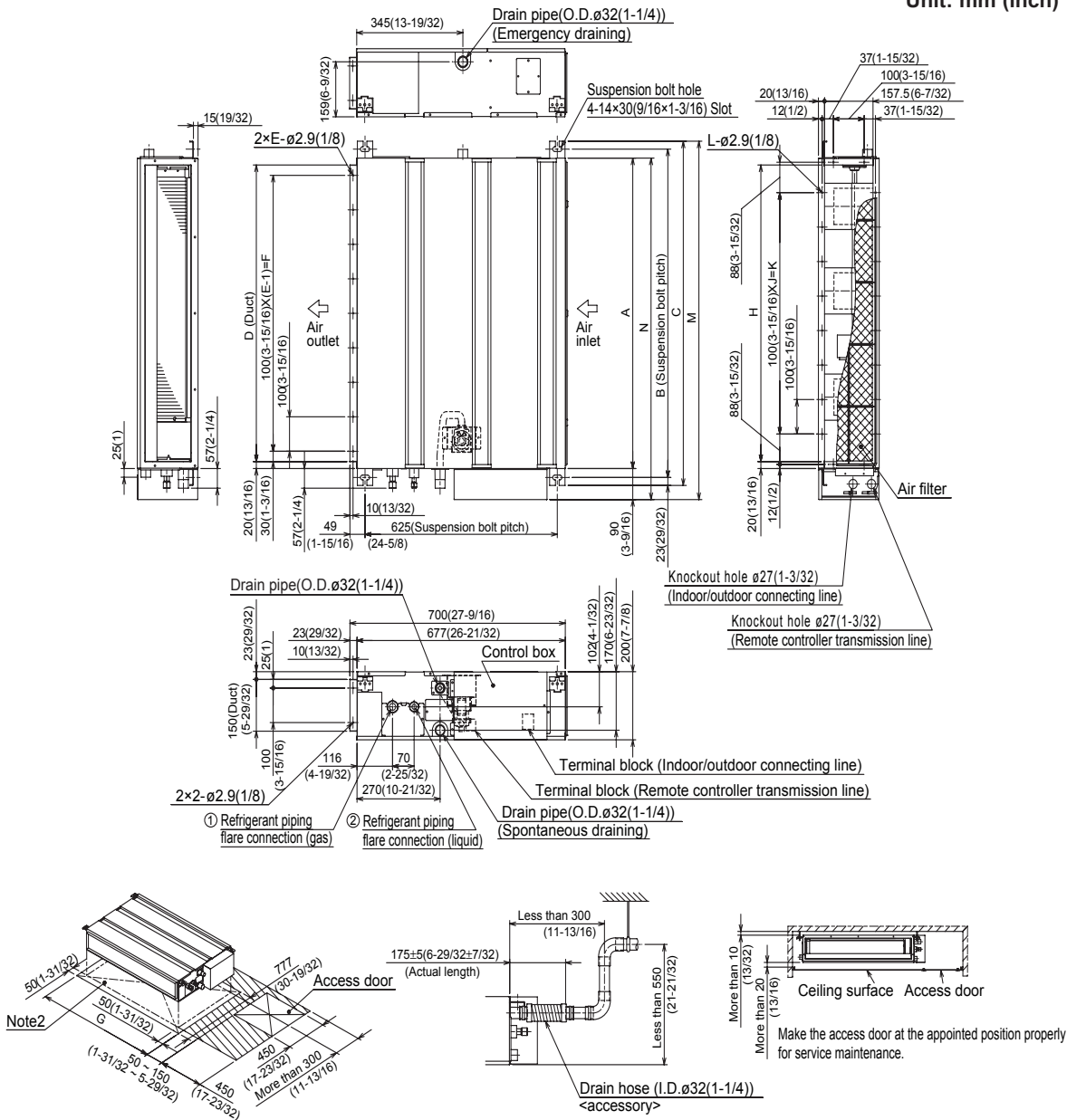
ACCESSORIES: NTXDKS18A112A*

Filter Box with MERV 8 Filters	□ FBL1-3
Wireless Signal Receiver	□ TAR-SA9CA-E
Wireless Signal Receiver	□ PAR-SR32MA-W
Wireless Remote Controller	□ TAR-FL32MA-E
kumo touch™ RedLINK™ Wireless Controller	□ MHK2
Deluxe MA Remote Controller	□ TAR-40MAAU
Simple MA Controller	□ TAC-YT53CRAU-J
Touch MA Controller	□ TAR-CT01MAU-SB
Wired Remote Sensor	□ PAC-SE41TS-E
Wireless Temperature and Humidity Sensor	□ PAC-USWHS003-TH-1
Flush Mount Remote Temperature Sensor	□ PAC-USSEN001-FM-1
System Control Interface	□ MAC-334IF-E
Wireless Interface 2	□ PAC-USWHS002-WF-2
Thermostat Interface	□ PAC-US444CN-1
kumo station®	□ TAC-WHS01HC-E
USNAP Interface	□ PAC-WHS01UP-E
IT Extender	□ PAC-WHS01IE-E
BACnet® and MODBUS® Interface	□ PAC-UKPRC001-CN-1
External Fan / Heater Control Relay Adapter	□ CN24RELAY-KIT-CM3
Wire for Remote on/off with CN32 connector	□ PAC-715AD
Connector and wire for Operation status/error using CN51	□ PAC-725AD
Connector cable for remote display	□ PAC-SA88HA-EP
Wire for Remote on/off with CN32 connector	□ PAC-715AD
Remote Operation Adapter ¹	□ PAC-SF40RM-E
Bottom Return Plate (Converts low-profile ducted indoor unit from rear return to bottom return)	□ BRP-3
External Drain Pump	□ PAC-KE07DM-E
Blue Diamond Sensor Extension Cable — 15 Ft.	□ C13-103
Blue Diamond Alarm Extension Cable — 6.5 Ft.	□ C13-192
Blue Diamond MultiTank — collection tank for use with multiple pumps	□ C21-014
Blue Diamond Rubber Foot Pads	□ F10-010
Mini Condensate Pump — 230 volt application	□ SI30-230
MegaBlue Advanced Blue Diamond Condensate Pump w/ Reservoir & Sensor	□ X87-835 - 110 to 250V
Advanced Blue Diamond Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	□ X87-721 - 208/230V
(30A/600V/UL) [fits 2" X 4" utility box] - Black	□ TAZ-MS303
(30A/600V/UL) [fits 2" X 4" utility box] - White	□ TAZ-MS303W

¹ Unable to use with wireless remote controller

DIMENSIONS: NTXDKS18A112A*

Unit: mm (inch)



Required space for service and maintenance

															mm (in.)	
Sizes	A	B	C	D	E	F	G	H	J	K	L	M	N	① Gas pipe	② Liquid pipe	
09 KBTU/H	700 (27-9/16)	752 (29-3/8)	798 (31-7/16)	660 (26)	7	600 (23-5/8)	800 (31-1/2)	660 (26)	5	500 (19-11/16)	16	839 (33-1/16)	790 (31-1/8)	ø9.52(3/8)	ø6.35(1/4)	
12 KBTU/H	900 (35-7/16)	952 (37-1/2)	998 (39-5/16)	860 (33-7/8)	9	800 (31-1/2)	1000 (39-3/8)	860 (33-7/8)	7	700 (27-9/16)	20	1039 (40-29/32)	990 (39)			
15 KBTU/H																
18 KBTU/H	1100 (43-5/16)	1152 (45-3/8)	1198 (47-3/16)	1060 (41-3/4)	11	1000 (39-3/8)	1200 (47-1/4)	1060 (41-3/4)	9	900 (35-7/16)	24	1239 (48-25/32)	1190 (46-7/8)	ø12.7(1/2)		

- Note1. Use M10 screw for the suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for size 15 kBTU/h model, which has 3 fans.
 Sizes 09,12 kBTU/h models have 2 fans.
 Sizes 08 kBTU/h model has 4 fans.
4. When an inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

FORM# NTXDKS18A112A* FOR MULTI-ZONE HEAT PUMP SYSTEMS - 202009

