MITSUBISHI ELECTRIC TRANE HVAC US

SPLIT-TYPE AIR CONDITIONERS

November 2023
No. OCDT840-T

TECHNICAL DATA

Ceiling Cassettes R410A

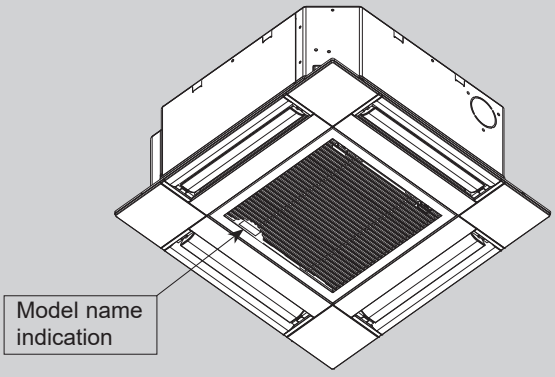
Indoor unit
[Model Name]

NTXCKS09A112BA

NTXCKS12A112BA

NTXCKS15A112BA

NTXCKS18A112BA



INDOOR UNIT

WIRELESS REMOTE CONTROLLER (Option)

WIRED REMOTE CONTROLLER (Option)

CONTENTS

1 SPECIFICATIONS

OUTLET AIR SPEED AND COVERAGE

Model	Function	Airflow (CFM)	Air speed (ft/s)	Coverage (ft)
NTXCKS09A112BA	Dry	300	19.7	15.1
	Wet	270	17.7	13.7
NTXCKS12A112BA	Dry	335	22.0	16.9
	Wet	302	19.8	15.2
NTXCKS15A112BA	Dry	405	26.7	20.3
	Wet	365	24.0	18.3
NTXCKS18A112BA	Dry	475	31.3	23.7
	Wet	429	28.2	21.4

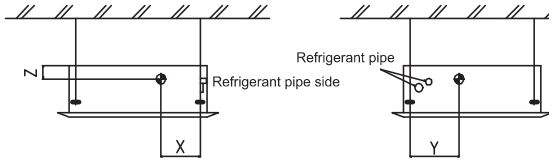
- The air coverage is the figure up to the position where the air speed is 1 ft/s, when air is blown out horizontally from the unit properly at the High speed position.
  The coverage should be used only as a general guideline since it varies according to the size of the room and furniture arranged inside the room.

2 POSITION OF THE CENTER OF GRAVITY

INDOOR UNIT

Ceiling-cassette type

Unit: inch(mm)



Model name	X	Y	Z
NTXCKS09A112BA	5-29/32 (150)	10-1/4 (260)	4-5/32 (105)
NTXCKS12A112BA	5-29/32 (150)	10-1/4 (260)	4-5/32 (105)
NTXCKS15A112BA	5-29/32 (150)	10-1/4 (260)	4-5/32 (105)
NTXCKS18A112BA	5-29/32 (150)	10-1/4 (260)	4-5/32 (105)

3 AIR FLOW DATA

	Unit	NTXCKS09A112BA	NTXCKS12A112BA	NTXCKS15A112BA	NTXCKS18A112BA
Air flow H-M-L	m^3/min	8.5 - 7.5 - 6.5	9.5 - 8.0 - 6.5	11.5 - 9.0 - 7.0	13.5 - 12.0 - 8.5
	CFM	300-265-230	335-280-230	405-315-245	475-420-300
Air speed at Hi	m/s	6.0	6.7	8.1	9.6
Coverage range	m	4.6	5.1	6.2	7.2

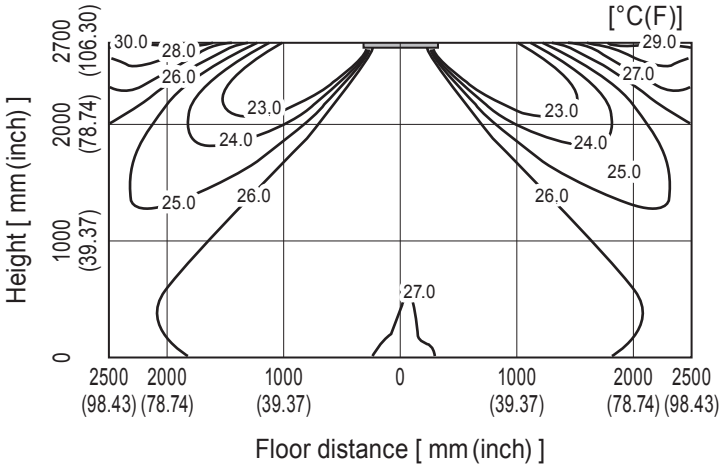
4 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

NTXCKS09A112BA

Temperature distribution

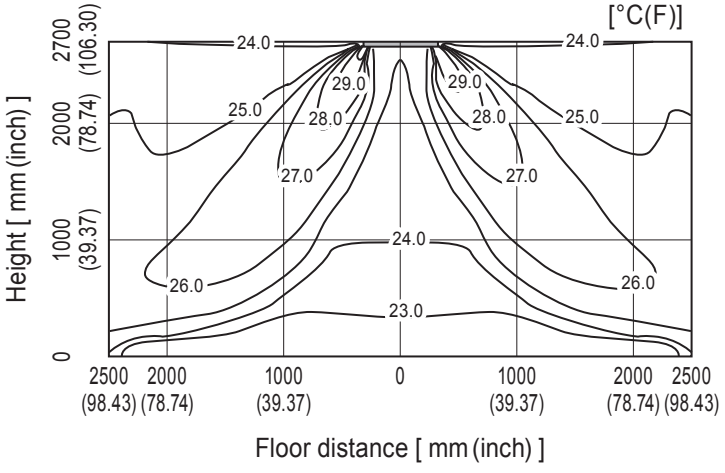
<Cooling mode> **Standard**

Flow angle: 45° 4-way flow
Ceiling height : 2.7m



<Heating mode> **Standard**

Flow angle: 60° 4-way flow
Ceiling height : 2.7m



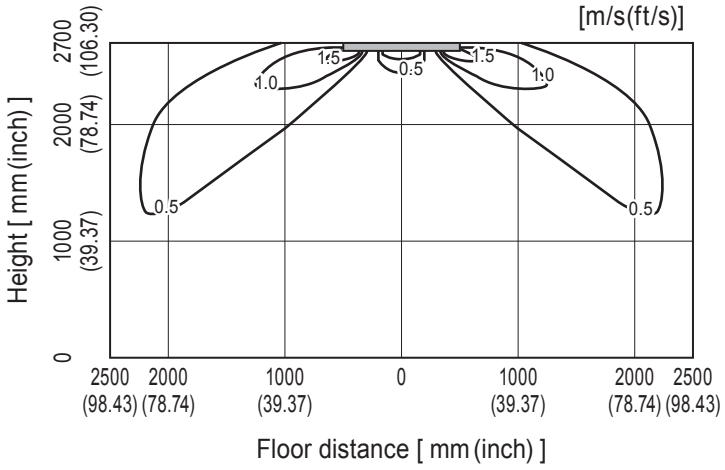
Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load,obstacles,etc.

NTXCKS09A112BA

Airflow distribution

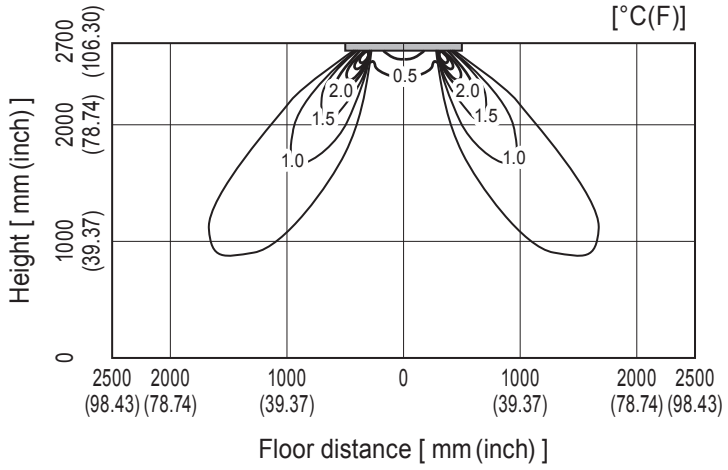
<Cooling mode> Standard

Flow angle: 45° 4-way flow
Ceiling height : 2.7m



<Heating mode> Standard

Flow angle: 60° 4-way flow
Ceiling height : 2.7m



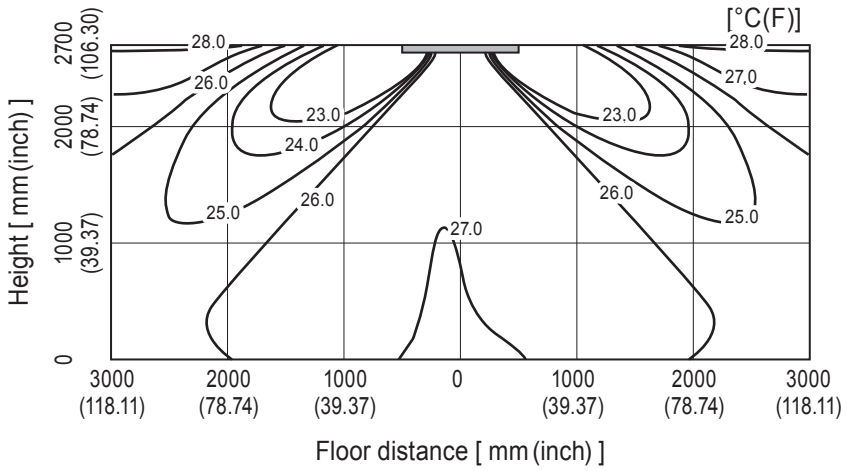
Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load,obstacles,etc.

NTXCKS12A112BA

Temperature distribution

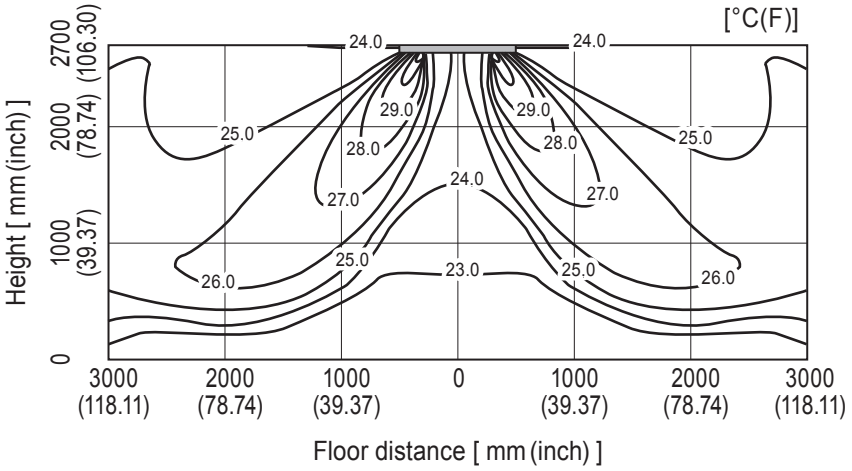
<Cooling mode> Standard

Flow angle: 45° 4-way flow
Ceiling height : 2.7m



<Heating mode> Standard

Flow angle: 60° 4-way flow
Ceiling height : 2.7m



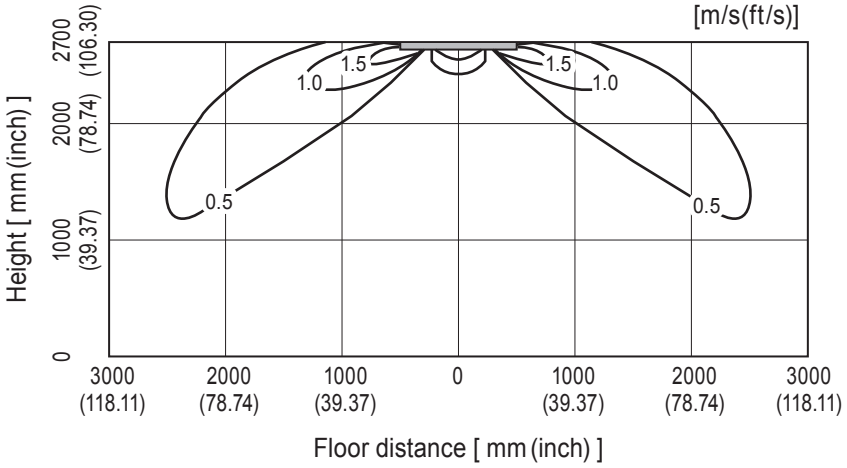
Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load,obstacles,etc.

NTXCKS12A112BA

Airflow distribution

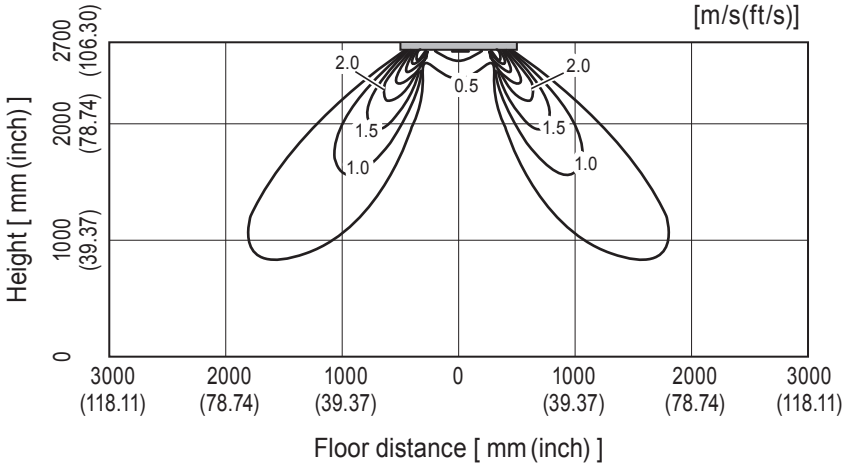
<Cooling mode> Standard

Flow angle: 45° 4-way flow
Ceiling height : 2.7m



<Heating mode> Standard

Flow angle: 60° 4-way flow
Ceiling height : 2.7m



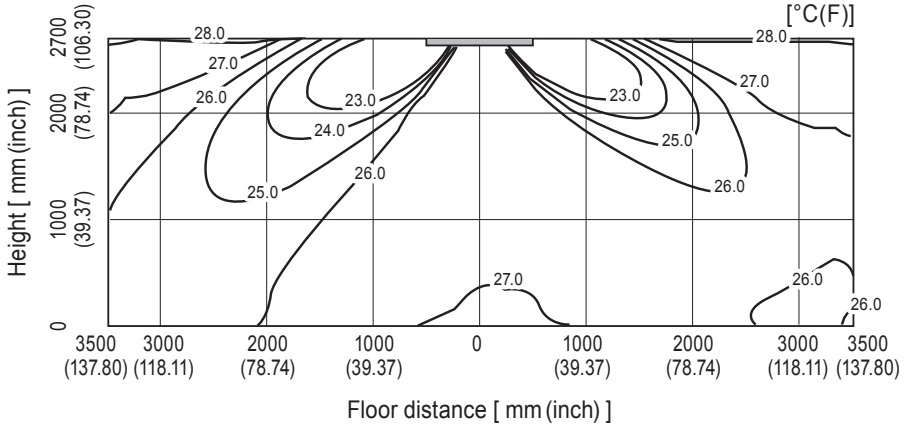
Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load,obstacles,etc.

NTXCKS15A112BA

Temperature distribution

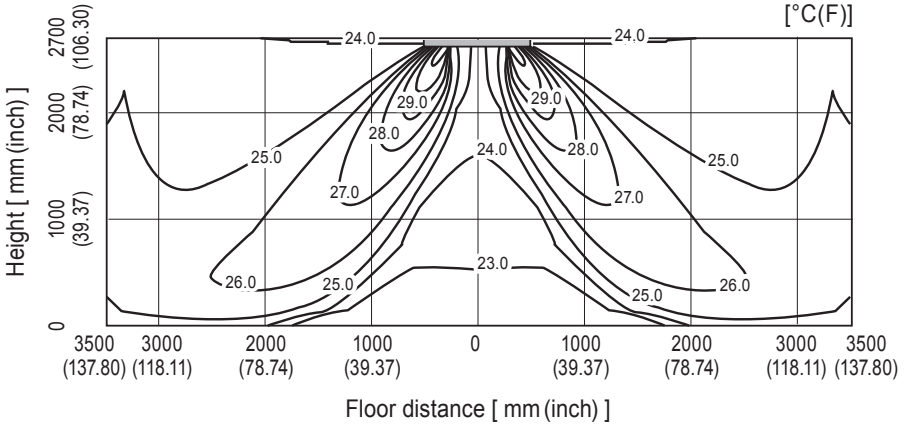
<Cooling mode> Standard

Flow angle: 45° 4-way flow
Ceiling height : 2.7m



<Heating mode> Standard

Flow angle: 60° 4-way flow
Ceiling height : 2.7m



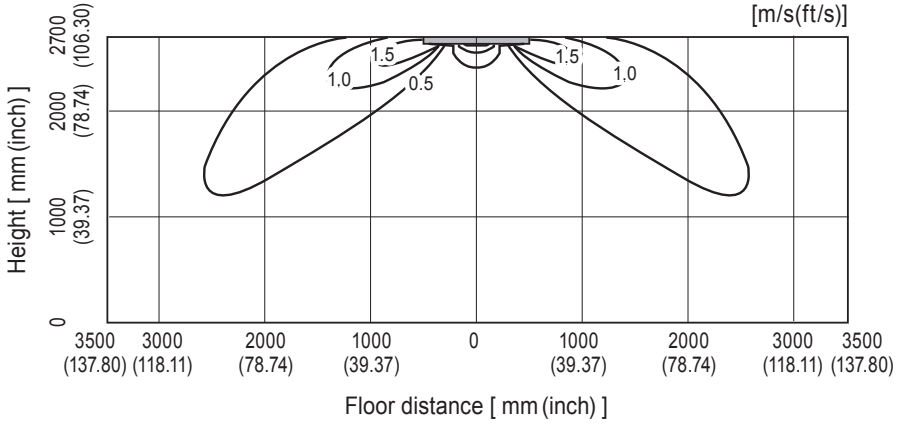
Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load,obstacles,etc.

NTXCKS15A112BA

Airflow distribution

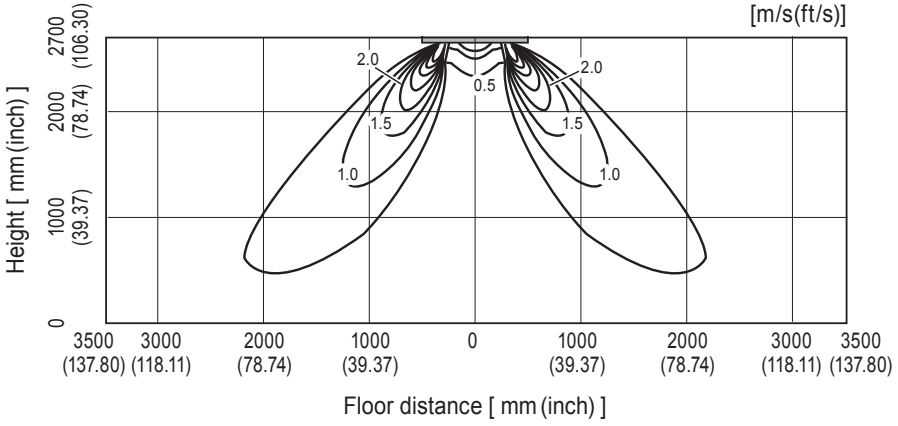
<Cooling mode> **Standard**

Flow angle: 45° 4-way flow
Ceiling height : 2.7m



<Heating mode> **Standard**

Flow angle: 60° 4-way flow
Ceiling height : 2.7m



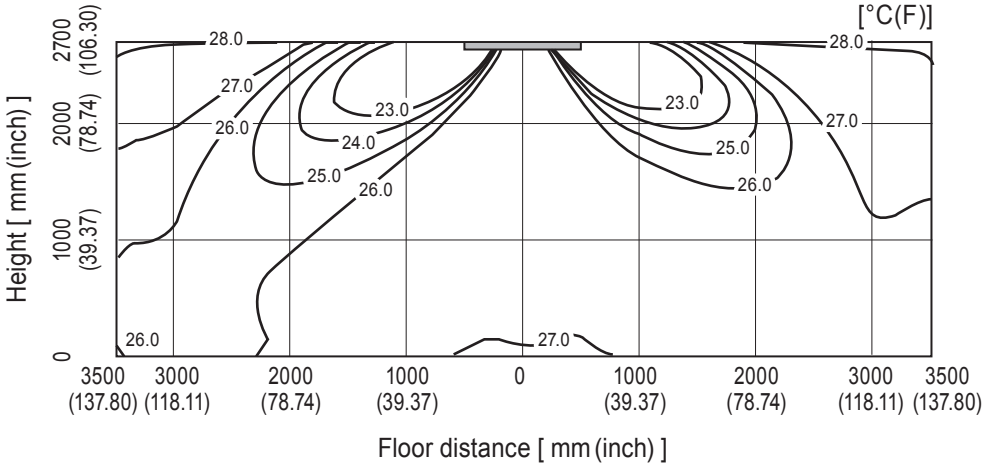
Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load,obstacles,etc.

NTXCKS18A112BA

Temperature distribution

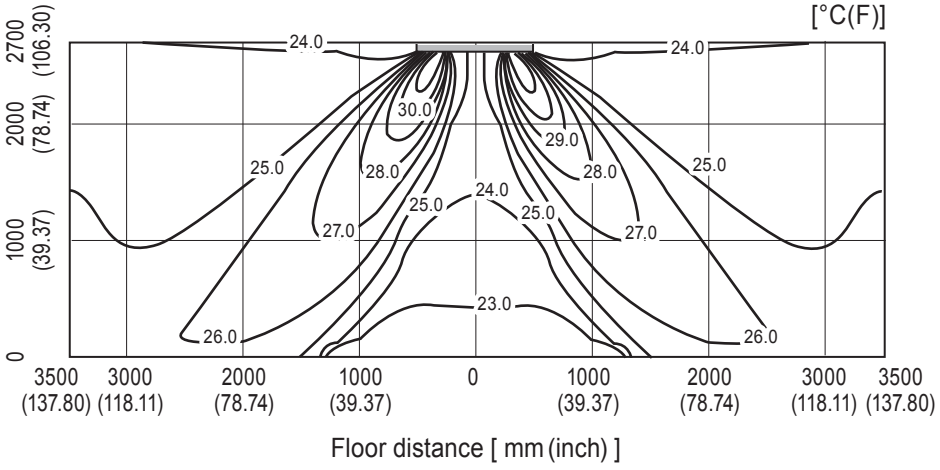
<Cooling mode> **Standard**

Flow angle: 45° 4-way flow
Ceiling height : 2.7m



<Heating mode> **Standard**

Flow angle: 60° 4-way flow
Ceiling height : 2.7m

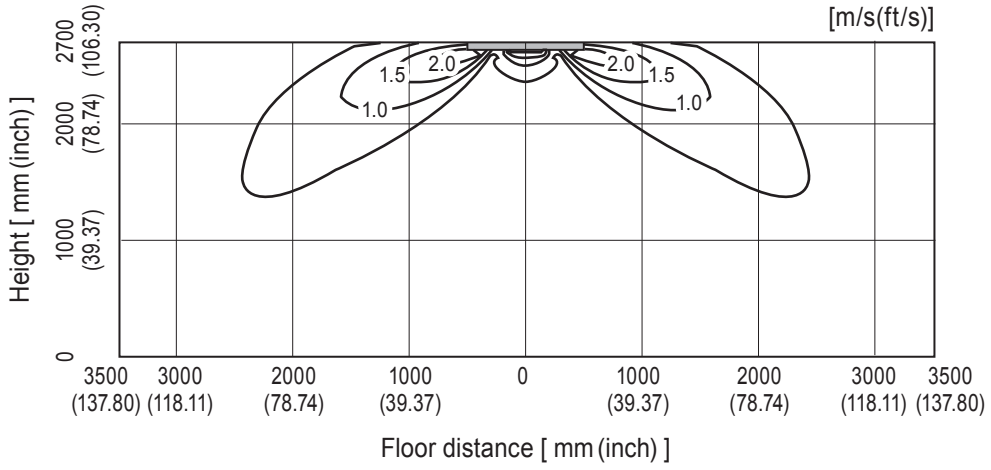


NTXCKS18A112BA

Airflow distribution

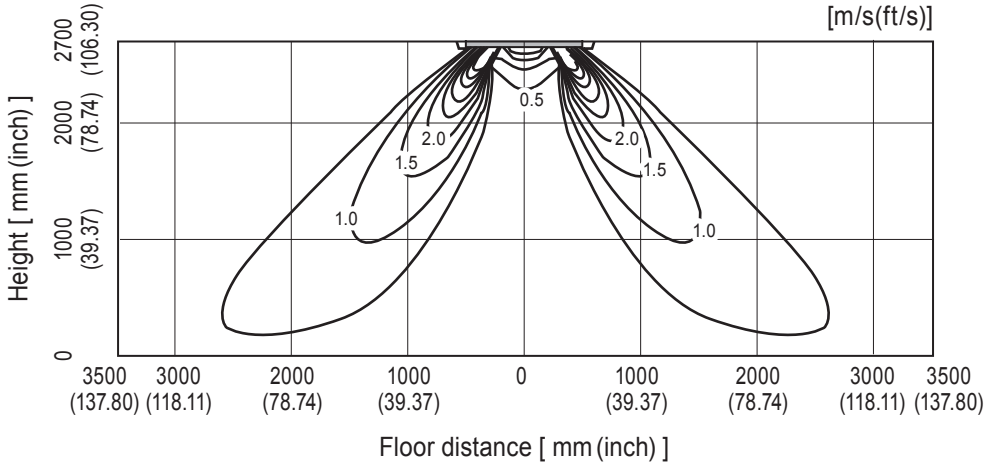
<Cooling mode> Standard

Flow angle: 45° 4-way flow
Ceiling height : 2.7m



<Heating mode> Standard

Flow angle: 60° 4-way flow
Ceiling height : 2.7m



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