

TECHNICAL DATA

Series SLZ Ceiling Cassettes R410A

Indoor unit
[Model Name]

[Service Ref.]

SLZ-KF09NA

SLZ-KF09NA.TH

SLZ-KF12NA

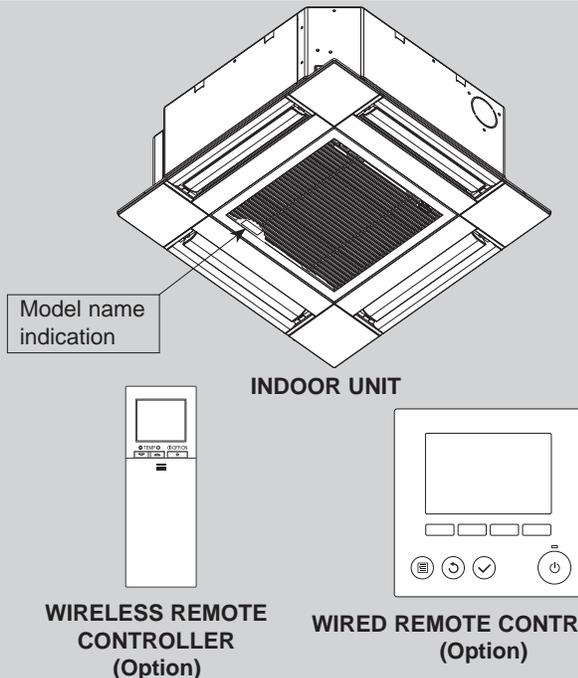
SLZ-KF12NA.TH

SLZ-KF15NA

SLZ-KF15NA.TH

SLZ-KF18NA

SLZ-KF18NA.TH



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1

SPECIFICATIONS

OUTLET AIR SPEED AND COVERAGE

Model	Function	Airflow (CFM)	Air speed (ft/s)	Coverage (ft)
SLZ-KF09NA.TH	Dry	300	19.7	15.1
	Wet	270	17.7	13.7
SLZ-KF12NA.TH	Dry	335	22.0	16.9
	Wet	302	19.8	15.2
SLZ-KF15NA.TH	Dry	405	26.7	20.3
	Wet	365	24.0	18.3
SLZ-KF18NA.TH	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.

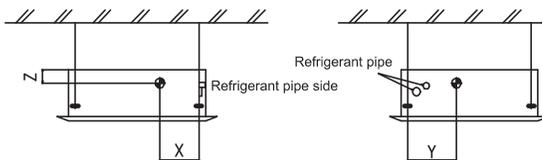
2

POSITION OF THE CENTER OF GRAVITY

INDOOR UNIT

Ceiling-cassette type

Unit: inch(mm)



Model name	X	Y	Z
SLZ-KF09NA.TH	5-29/32 (150)	10-1/4 (260)	4-5/32 (105)
SLZ-KF12NA.TH	5-29/32 (150)	10-1/4 (260)	4-5/32 (105)
SLZ-KF15NA.TH	5-29/32 (150)	10-1/4 (260)	4-5/32 (105)
SLZ-KF18NA.TH	5-29/32 (150)	10-1/4 (260)	4-5/32 (105)

3

AIR FLOW DATA

		SLZ-KF09NA.TH	SLZ-KF12NA.TH	SLZ-KF15NA.TH	SLZ-KF18NA.TH
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

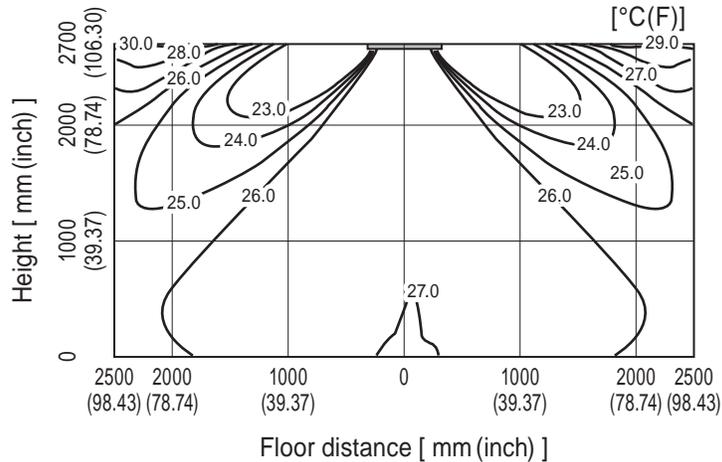
SLZ-KF09NA.TH

Temperature distribution

<Cooling mode> Standard

Flow angle: 45° 4-way flow

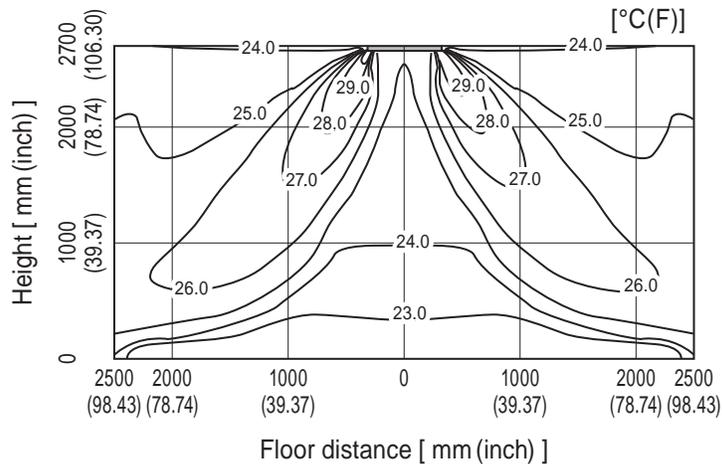
Ceiling height : 2.7m



<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.

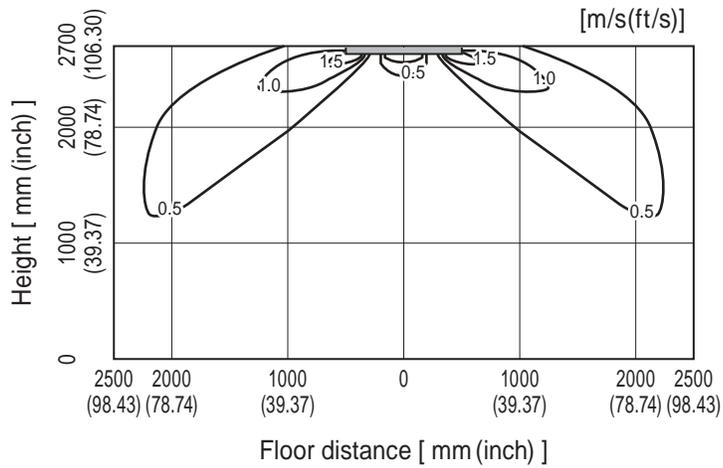
SLZ-KF09NA.TH

Airflow distribution

<Cooling mode> Standard

Flow angle: 45° 4-way flow

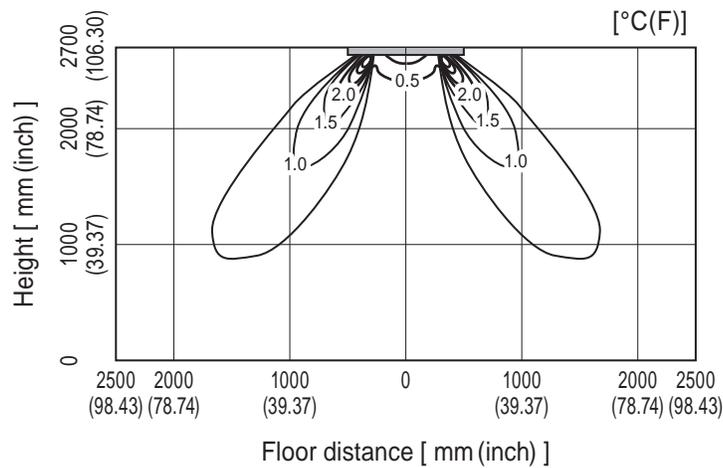
Ceiling height : 2.7m



<Heating mode> Standard

Flow angle: 60° 4-way flow

Ceiling height : 2.7m



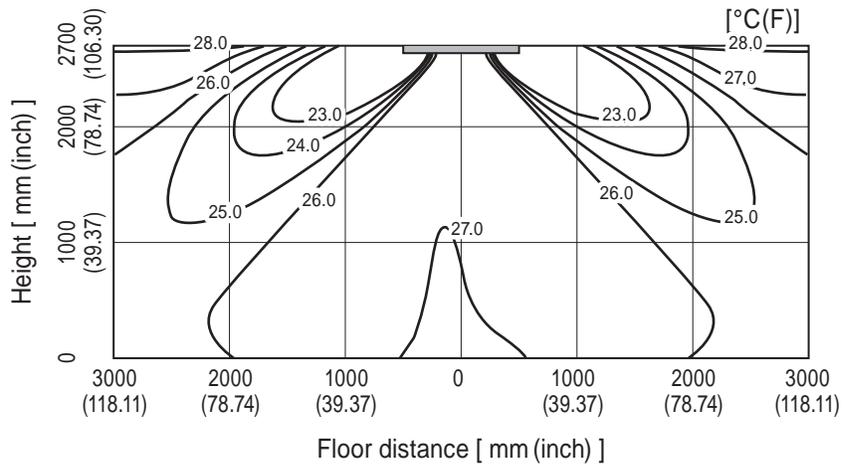
Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load, obstacles, etc.

SLZ-KF12NA.TH

Temperature distribution

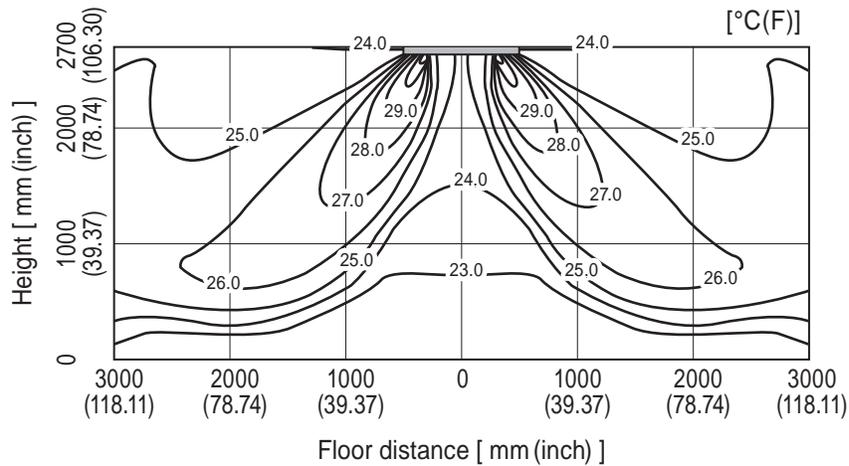
<Cooling mode> Standard

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.

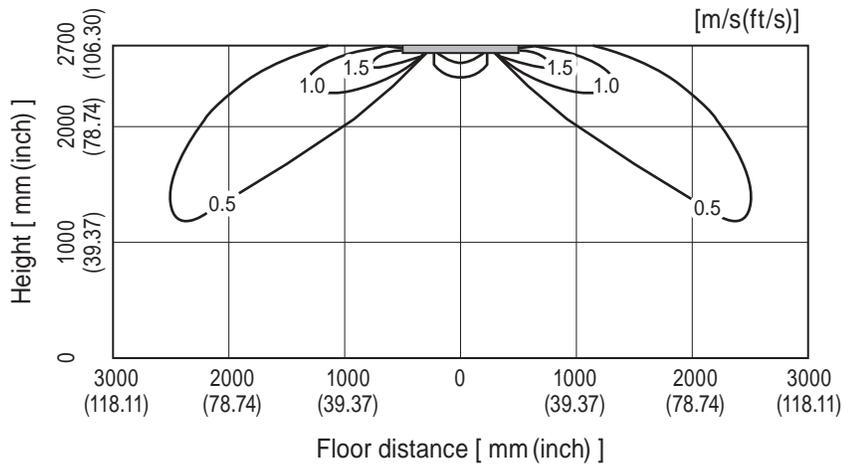
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Airflow distribution

<Cooling mode> Standard

Flow angle: 45° 4-way flow

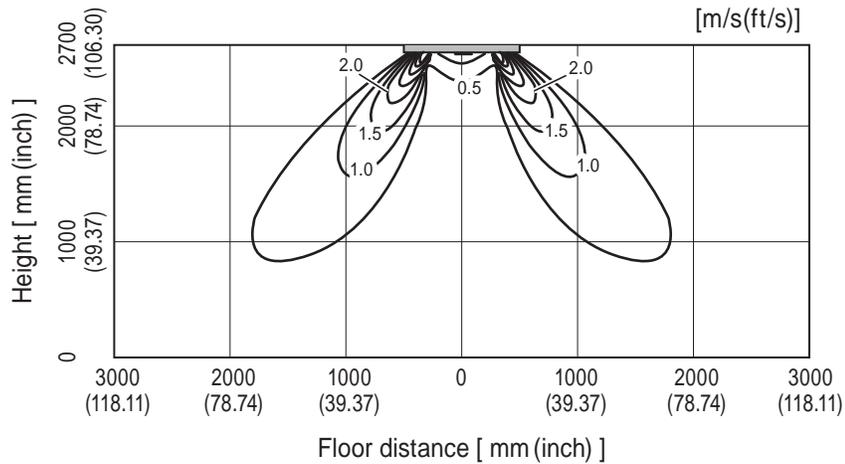
Ceiling height : 2.7m



<Heating mode> Standard

Flow angle: 60° 4-way flow

Ceiling height : 2.7m



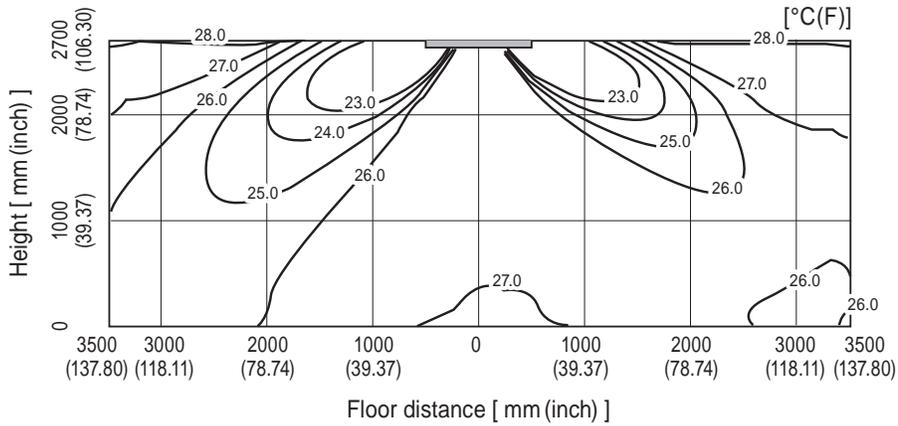
Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load, obstacles, etc.

SLZ-KF15NA.TH

Temperature distribution

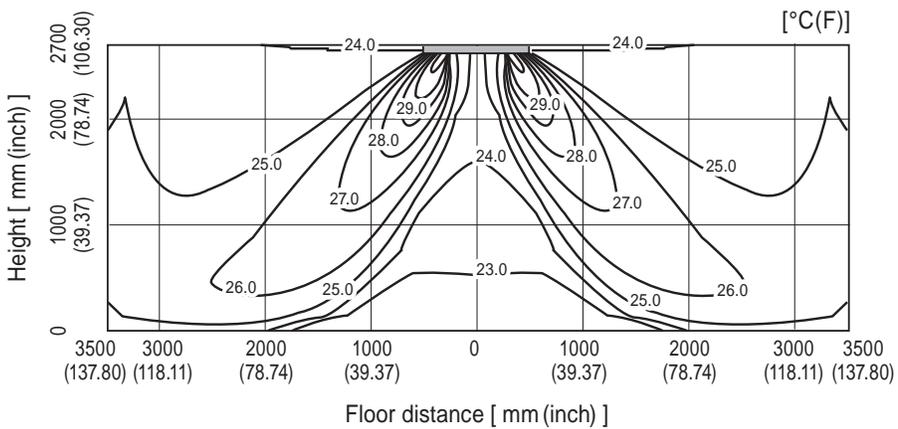
<Cooling mode> **Standard**

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.

SLZ-KF15NA.TH

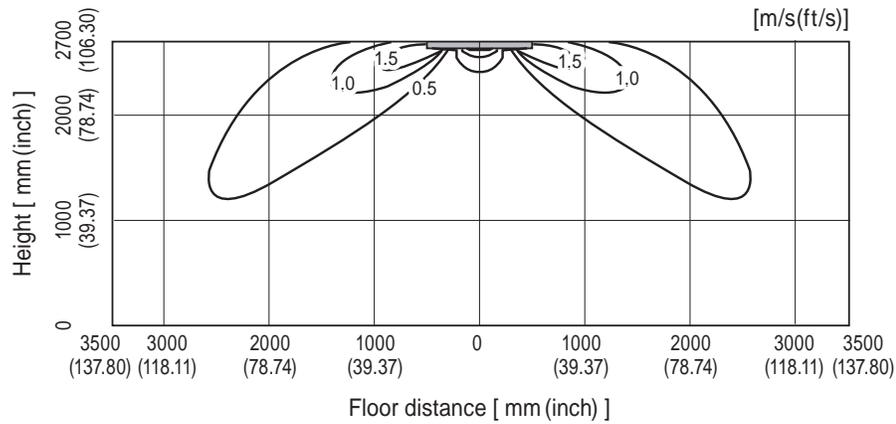
Airflow distribution

<Cooling mode>

Standard

Flow angle: 45° 4-way flow

Ceiling height : 2.7m

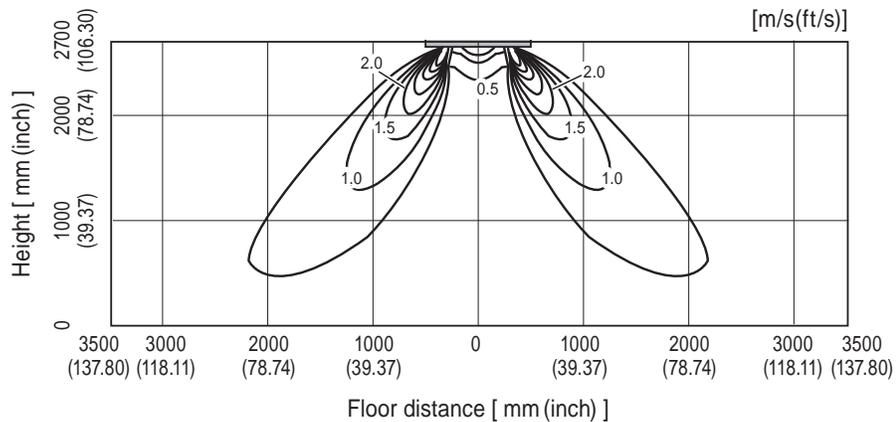


<Heating mode>

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.

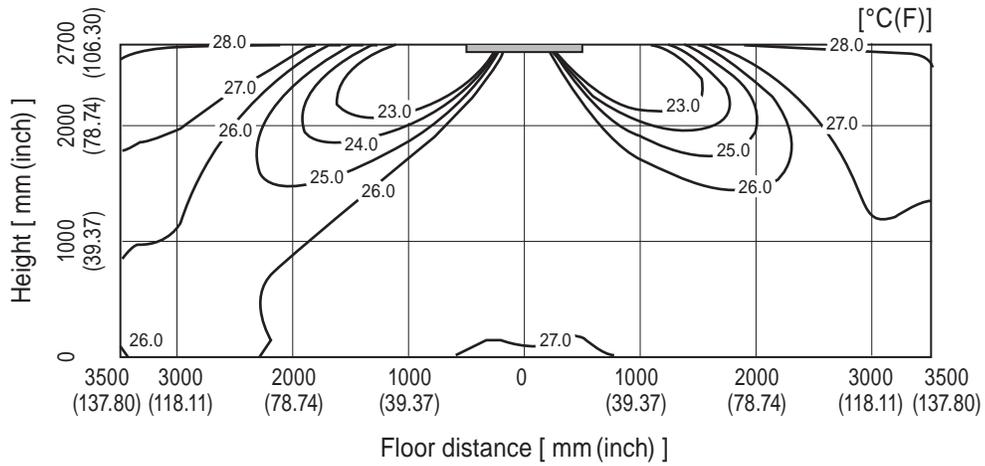
SLZ-KF18NA.TH

Temperature distribution

<Cooling mode> **Standard**

Flow angle: 45° 4-way flow

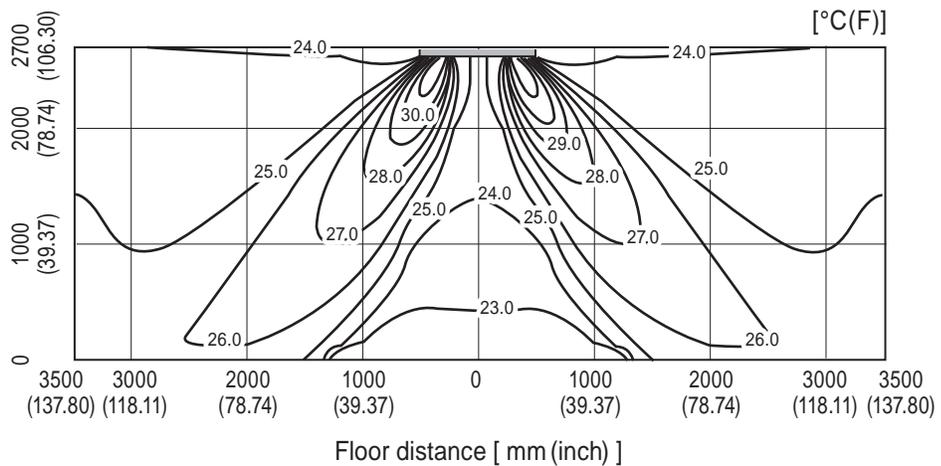
Ceiling height : 2.7m



<Heating mode> **Standard**

Flow angle: 60° 4-way flow

Ceiling height : 2.7m



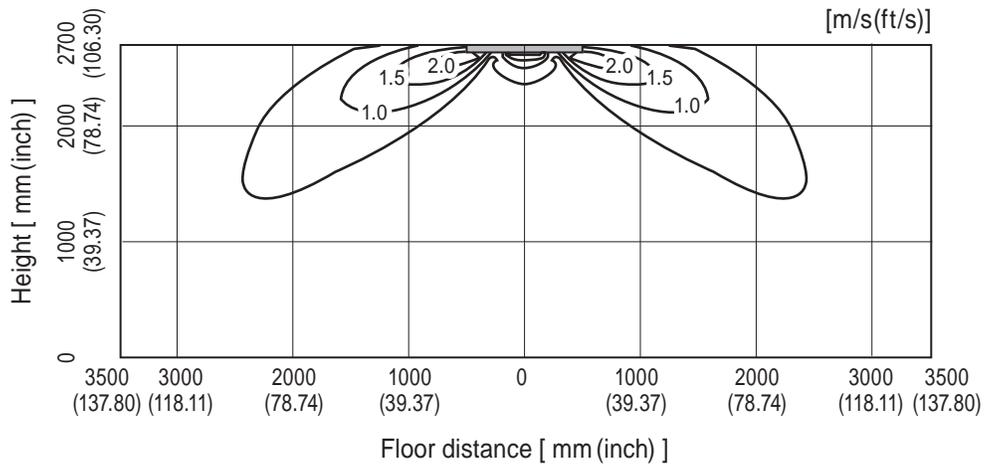
SLZ-KF18NA.TH

Airflow distribution

<Cooling mode> **Standard**

Flow angle: 45° 4-way flow

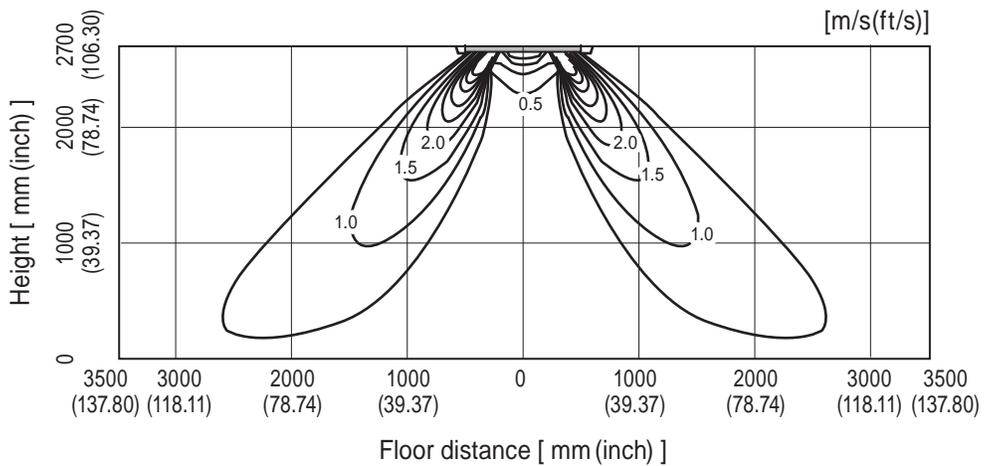
Ceiling height : 2.7m



<Heating mode> **Standard**

Flow angle: 60° 4-way flow

Ceiling height : 2.7m



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