

Overview

**12 Months
Warranty**

STOCKED RANGE SAJI UNIFLO® Round Diffusers

Description

Suitable for supply air applications for cooling, heating and isothermal conditions. Offers a variety of airflow patterns. Suitable for modular ceiling systems.

Construction

From A.B.S polymers providing long term strength and rigidity. The airflow passages are smooth ensuring quiet and efficient airflow. The centre cone can be wound up or down to adjust the airflow and throw pattern.

PRODUCT CODE	DESCRIPTION
RND	SAJI UNIFLO® Round Diffusers - A.B.S.
IRND	SAJI UNIFLO® Insulated Round Diffusers - A.B.S.

Note:

- Non-glare mottled white finish
- Grilles are complete with snap down fixing clip and dual spring arrangement
- [For product performance data, see pages 316 - 317](#)



QAE strive to provide products that best suit the market's requirements. As such, QAE reserve the right to supply products which may differ slightly from those shown in this and other publications. For product warranties please refer to our standard terms and conditions.

RND & IRND

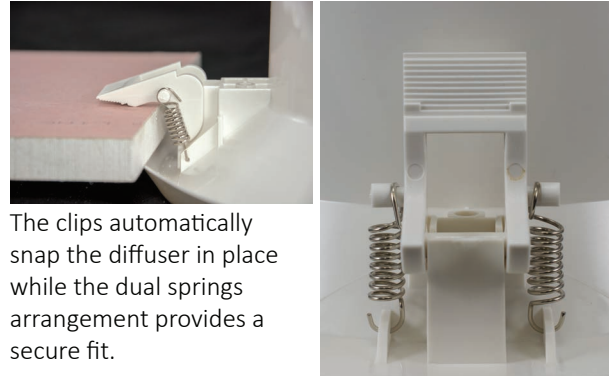
SAJI UNIFLO® Round Diffusers - A.B.S.					
PRODUCT CODE	EXACT NECK (mm)	CEILING OPENING (mm)	FACE SIZE (mm)	HEIGHT (mm)	PIECES/CARTON
RND6	150 Dia	235 Dia	255 Dia	110	10
RND8	200 Dia	285 Dia	320 Dia	115	10
RND10	250 Dia	355 Dia	390 Dia	120	10
RND12	300 Dia	410 Dia	435 Dia	120	5

SAJI UNIFLO® Insulated Round Diffusers - A.B.S.					
PRODUCT CODE	EXACT NECK (mm)	CEILING OPENING (mm)	FACE SIZE (mm)	HEIGHT (mm)	PIECES/CARTON
IRND6	150 Dia	235 Dia	255 Dia	110	10
IRND8	200 Dia	285 Dia	320 Dia	115	10
IRND10	250 Dia	355 Dia	390 Dia	120	10
IRND12	300 Dia	410 Dia	435 Dia	120	5

Easy Airflow Adjustment

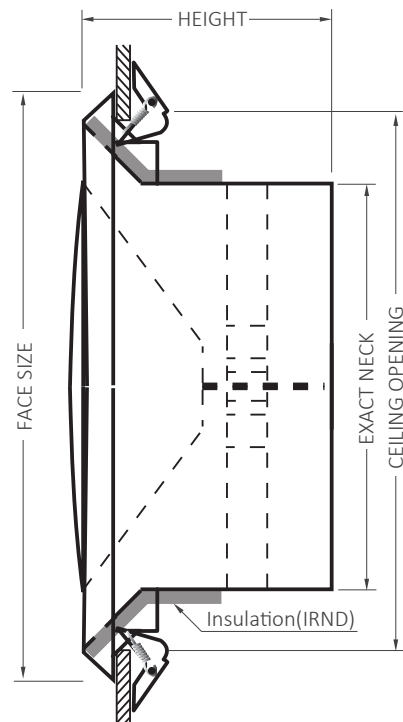
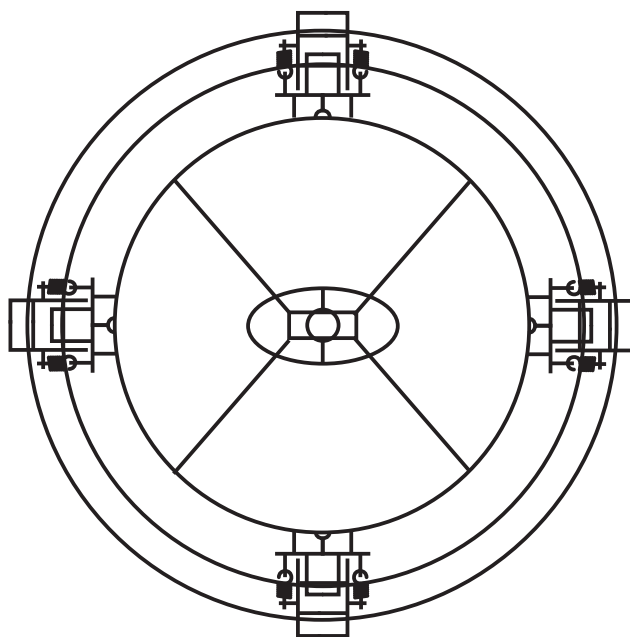


Fast Installation



The clips automatically snap the diffuser in place while the dual springs arrangement provides a secure fit.

SAJI UNIFLO® Round Diffusers: RND/IRND



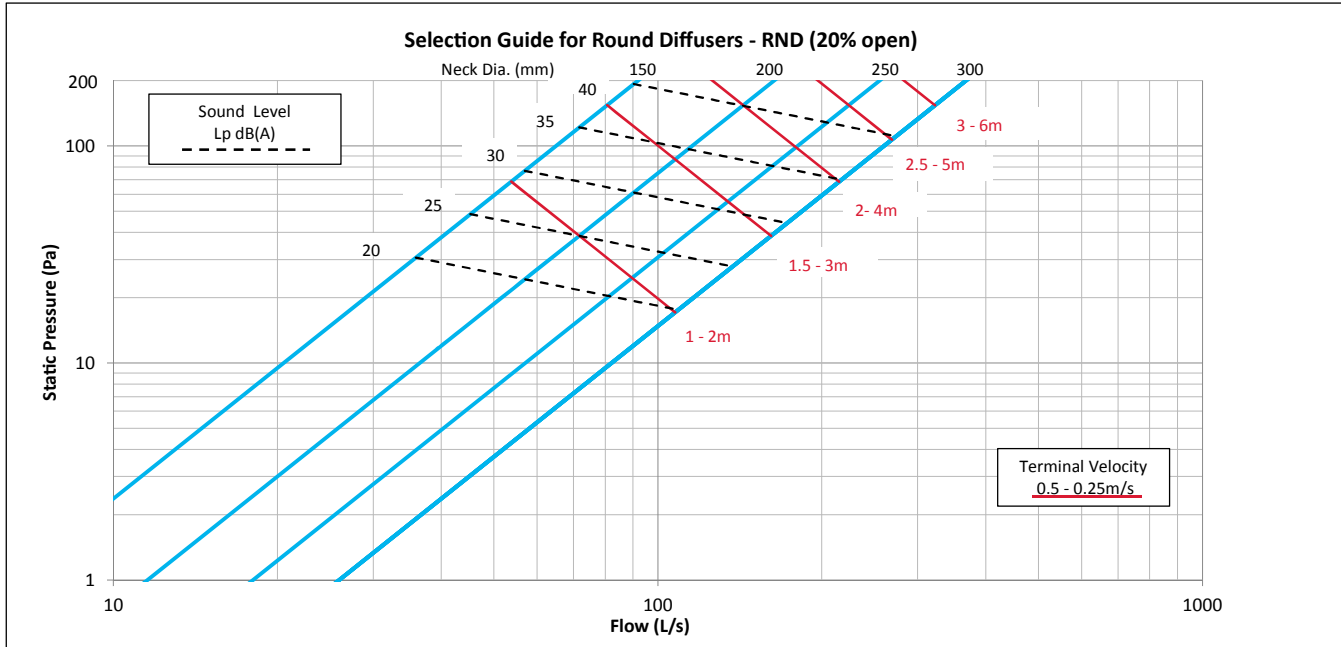
SAJI UNIFLO® Round Diffusers: RND/IRND

Performance Data

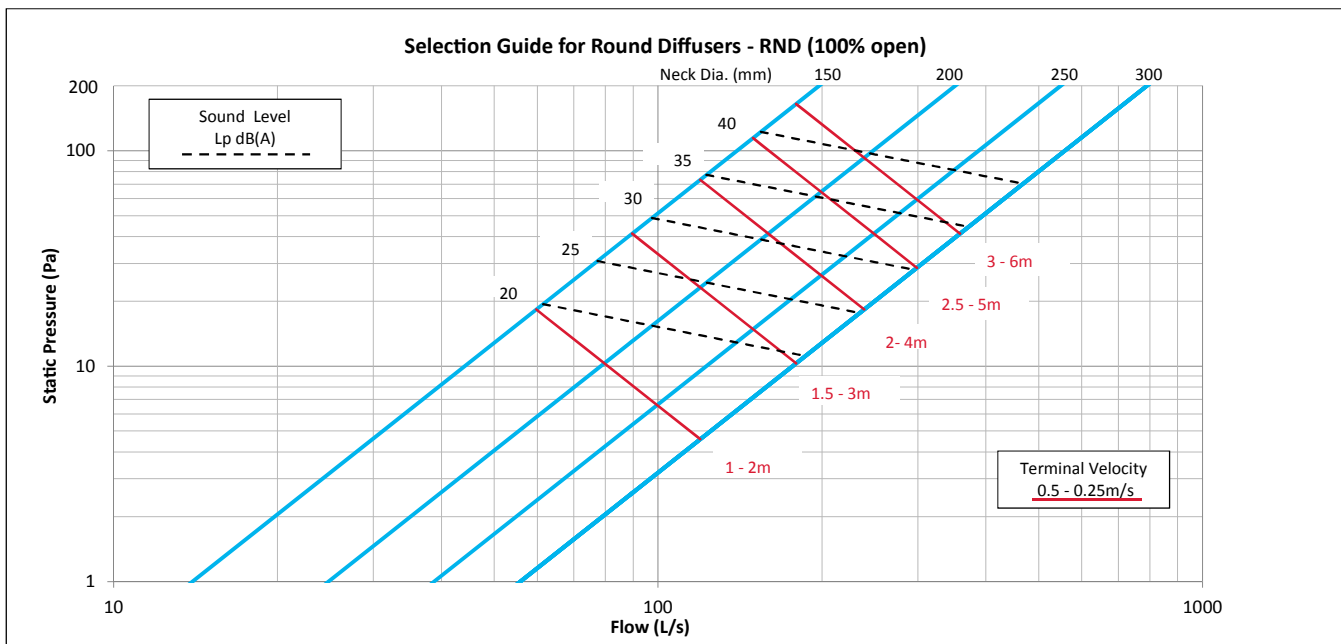
Data is based on Isothermal conditions with a ceiling height of 2.7m with the diffuser mounted flush in an unobstructed ceiling. Throws are given at a terminal velocity of 0.25m/s. Data is tabulated with the centre cone in two test positions 20% and 100% open respectively. Noise Ratings are based on a room absorption level of 10db.

Product Code	Performance Data	Units						
RND6/IRND6 20% Open	Air Flow	l/s	15	30	45	60	75	90
	Sound Level	dB(A)	<20	<20	25	31	36	40
	Pressure Drop	Pa	5	21	48	85	133	192
	Throw - 0.25m/s	m	0.6	1.1	1.7	2.2	2.8	3.3
RND6/IRND6 100% Open	Air Flow	l/s	15	30	45	60	75	90
	Sound Level	dB(A)	<20	<20	<20	<20	24	28
	Pressure Drop	Pa	1	5	10	18	29	42
	Throw - 0.25m/s	m	0.5	1.0	1.5	2.0	2.5	3.0
RND8/ IRND8 20% Open	Air Flow	l/s	25	50	75	100	125	150
	Sound Level	dB(A)	<20	<20	26	32	37	41
	Pressure Drop	Pa	5	19	42	75	117	169
	Throw - 0.25m/s	m	0.7	1.4	2.1	2.8	3.5	4.2
RND8/ IRND8 100% Open	Air Flow	l/s	25	50	75	100	125	150
	Sound Level	dB(A)	<20	<20	<20	21	25	29
	Pressure Drop	Pa	1	4	9	16	25	37
	Throw - 0.25m/s	m	0.6	1.3	1.9	2.5	3.1	3.8
RND10/ IRND10 20% Open	Air Flow	l/s	40	80	120	160	200	240
	Sound Level	dB(A)	<20	<20	28	35	40	43
	Pressure Drop	Pa	5	20	44	79	123	177
	Throw - 0.25m/s	m	0.9	1.8	2.7	3.6	4.5	5.4
RND10/ IRND10 100% Open"	Air Flow	l/s	40	80	120	160	200	240
	Sound Level	dB(A)	<20	<20	<20	23	28	32
	Pressure Drop	Pa	1	4	10	17	27	38
	Throw - 0.25m/s	m	0.8	1.6	2.4	3.2	4.0	4.8
RND12/ IRND12 20% Open	Air Flow	l/s	60	120	180	240	300	360
	Sound Level	dB(A)	<20	22	31	37	42	46
	Pressure Drop	Pa	5	21	48	85	133	192
	Throw - 0.25m/s	m	1.1	2.2	3.3	4.5	5.6	6.7
RND12/ IRND12 100% Open	Air Flow	l/s	60	120	180	240	300	360
	Sound Level	dB(A)	<20	<20	<20	25	30	34
	Pressure Drop	Pa	1	5	10	18	29	42
	Throw - 0.25m/s	m	1.0	2.0	3.0	4.0	5.0	6.0

SAJI UNIFLO® Round Diffusers: RND/IRND



These graphs are for selection only and should not be used for commissioning.



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