



## JD130 - Flow Simulation Study



Project Data		Room Dimensions	
Name	International Airport LA	Width	9.40m
Project date	27/10/2015	Depth	11.80m
Reference	PS201518563	Height	6.20m
Designer Data		Global Settings	
Name	Bob De Clercq	Room temperature	26.0°C
Company	Grada International	Supply air temperature	20.0°C
Telephone	+32 (0)9 340.40.50	Required total airflow	200m³/h
E-mail	Bob.DeClercq@grada.be	Total number of units	1
Client Data		Unit data	
Name	Mr. X	Family	Air outlet system
Address	River Avenue 16A	Mounting location	Wall
	Los Angeles	Airflow pattern	Long throw
	CA 90045, USA	Model	JD130
		Type	long pipe
		Product Name	jet diffuser
		Size	160
		Blow angle	0°

**Product Description**

JD130: jet diffuser

Round combined aluminium and steel jet diffuser with adjustable direction to supply air into the room. RAL9010 finish.

For more information, please consult our website:  
[www.grada.com](http://www.grada.com)



### Remarks

*FACT is property of Grada International NV. Grada International NV cannot be held liable for any inaccuracy or reliability of the outcome of this program.*



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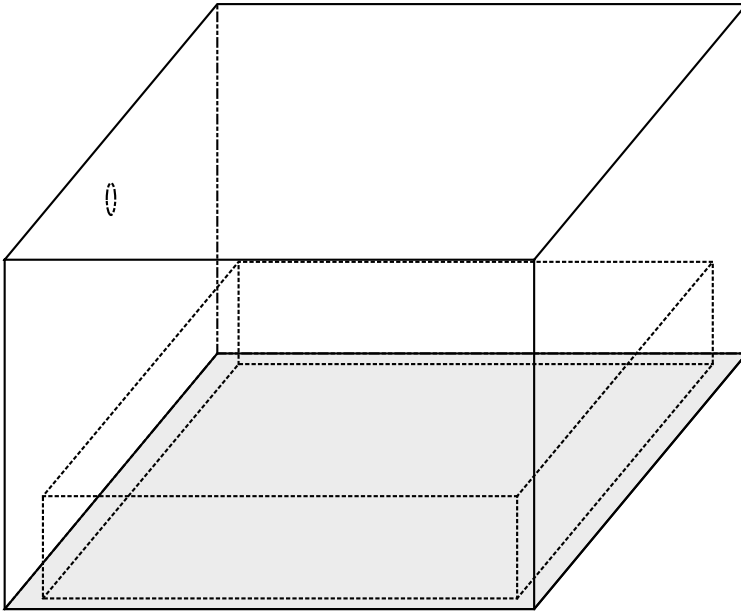
Grada Distributor 1  
Fictitious Road 12  
New Town  
USA

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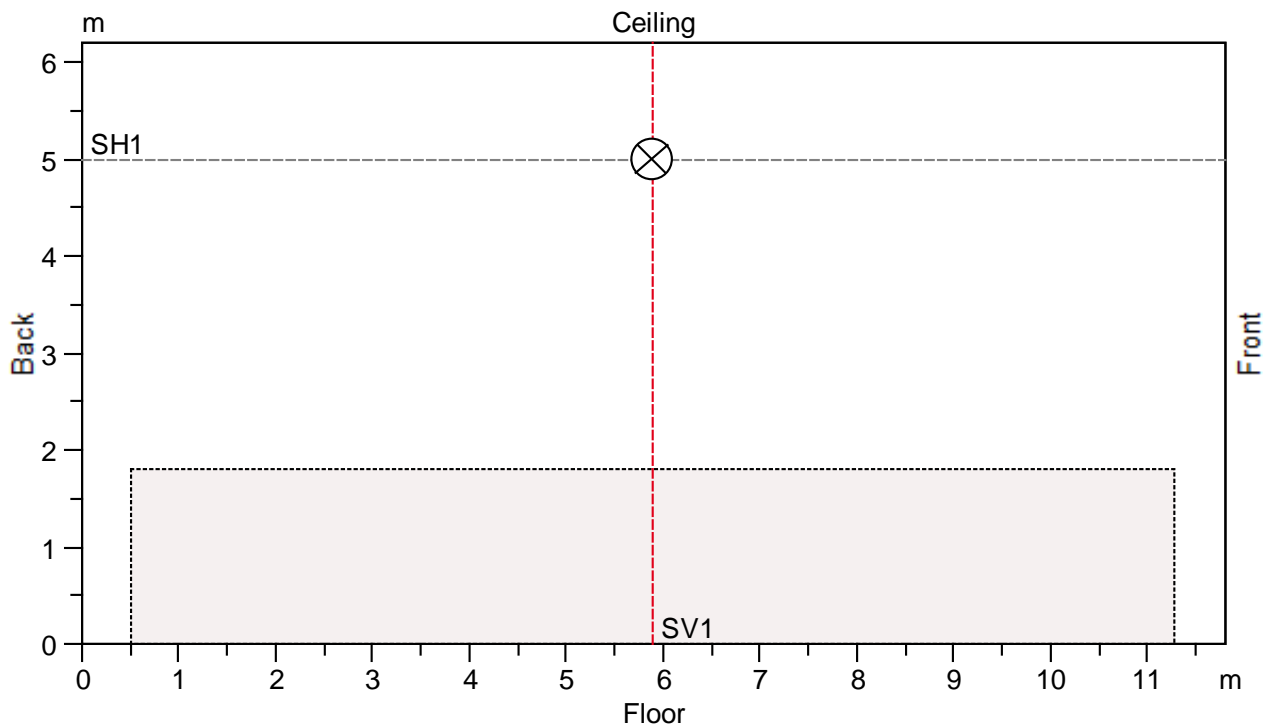
This report has been created by the FACT simulation program 3.0.1 - DB23092015



## Three Dimensional View



## Two Dimensional View





## Simulation Results

### Section SV1

Room Results		Unit Performance	
Total airflow	200m <sup>3</sup> /h	Airflow per unit	200m <sup>3</sup> /h
Supply air temperature	20.0°C	Static pressure loss	67.4Pa
Blow angle	-5°	Sound power	NR < 20 [dB(A) = NR + ≤ 5]

