

# CIRCLE

## TECHNICAL PARAMETERS

### SUPPLY

m <sup>3</sup> /h	dim (mm)	CIRCLE 100/125	SQUARE 100/125					
	Ak (m <sup>2</sup> )	0.00589						
60	X (m)	2.9						
	Pt (Pa)	12						
	SPLA (dB (A))	<20						
80	X (m)	3.9						
	Pt (Pa)	22						
	SPLA (dB (A))	<20						
100	X (m)	4.9						
	Pt (Pa)	34						
	SPLA (dB (A))	<20						
160	X (m)	7.8						
	Pt (Pa)	84						
	SPLA (dB (A))	21						
200	X (m)	9.8						
	Pt (Pa)	149						
	SPLA (dB (A))	25						
300	X (m)							
	Pt (Pa)							
	SPLA (dB (A))							
400	X (m)							
	Pt (Pa)							
	SPLA (dB (A))							
500	X (m)							
	Pt (Pa)							
	SPLA (dB (A))							
600	X (m)							
	Pt (Pa)							
	SPLA (dB (A))							
700	X (m)							
	Pt (Pa)							
	SPLA (dB (A))							

X (m) - Throw distance (0,25 m/s)

Pt (Pa) - Pressure drop in the diffuser

SPLA (dba) - Sound pressure level at 1m distance  
from the diffuser

Ak (m<sup>2</sup>) - effective area

	Green	Yellow	Red
X (m)	When short throw distance is needed	When average throw distance is needed	When bigger throw distance is needed
Pa	Where low pressure drop is required	Where medium pressure drop is suitable	Where big pressure drop is suitable
SPLA	Rooms with no ambient noise (Bedroom)	Rooms with medium ambient noise (Lobby)	Rooms with ambient noise (Office room)

\* IMPORTANT: This information is for guidance only, please consult your HVAC professional for you specific requirements.

## EXHAUST

m <sup>3</sup> /h	dim (mm)	<b>CIRCLE 100/125</b>					
	Ak (m <sup>2</sup> )	<b>0.00589</b>					
60	X (m)						
	Pt (Pa)	<b>12</b>					
	SPLA (dB (A))	<b>&lt;20</b>					
80	X (m)						
	Pt (Pa)	<b>23</b>					
	SPLA (dB (A))	<b>&lt;20</b>					
100	X (m)						
	Pt (Pa)	<b>35</b>					
	SPLA (dB (A))	<b>&lt;20</b>					
160	X (m)						
	Pt (Pa)	<b>87</b>					
	SPLA (dB (A))	<b>21</b>					
200	X (m)						
	Pt (Pa)	<b>158</b>					
	SPLA (dB (A))	<b>25</b>					
300	X (m)						
	Pt (Pa)						
	SPLA (dB (A))						
400	X (m)						
	Pt (Pa)						
	SPLA (dB (A))						
500	X (m)						
	Pt (Pa)						
	SPLA (dB (A))						
600	X (m)						
	Pt (Pa)						
	SPLA (dB (A))						

# CIRCLE 100/125

## ROUND DIFFUSER



100/125 mm

CONNECTION DIAMETER

2,4 kg

WEIGHT WITHOUT PACKAGING (NET)

Order code for 100 ø:

**CIRCLE 100**

Hole diameter

Order code for 125 ø:

**CIRCLE 125**

Hole diameter

