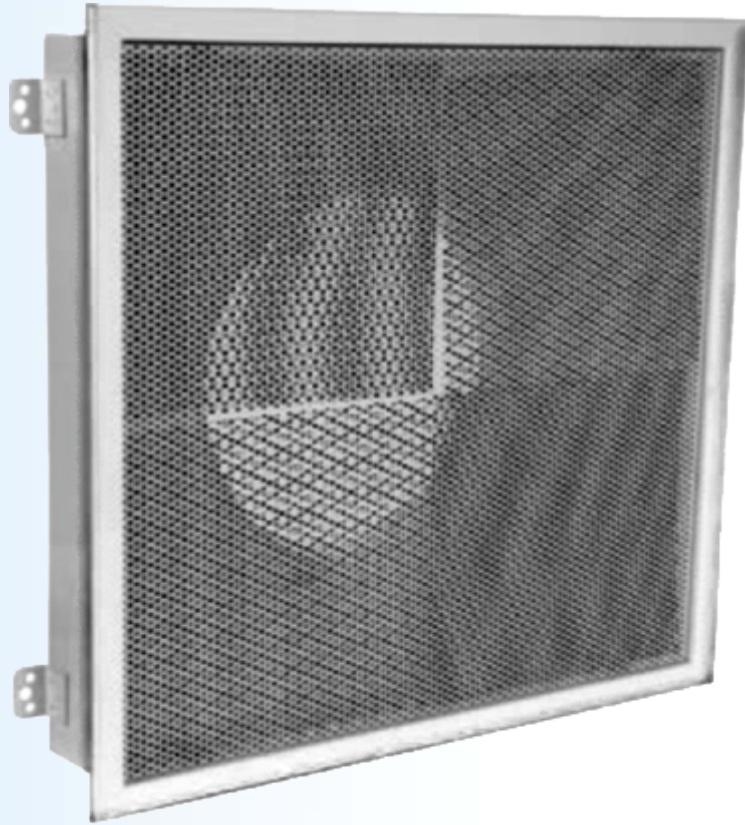




TXR



TXR - S
ceiling supply
diffuser with
punched sheet

TXR - E
ceiling extract
diffuser with
punched sheet



specifications

TXR -S

- Deflectors can be adjusted without modifying flow or pressure drop.
- Quality diffusion.
- Attractive styling.

range

- TXR -S : 2 versions in supply :
 - S-1 : diffuser with axial joining plenum.
 - S-2 : diffuser with lateral joining plenum.
- 4 models for each version from 160 to 1000 m³/h.
- TXR -E : 3 versions in extract:
 - E-0 : diffuser alone.
 - E-1 : diffuser with axial joining plenum.
 - E-2 : diffuser with lateral joining plenum.
- 4 models for each version from 160 to 1000 m³/h.

designation

TXR	S	1	160 - 300
type	function	version	dimensions (mm)
D : diffuser	S : supply	0 : diffuser alone	diameter of joining
F : steel	E : extract	1 : axial joining plenum	
U : fixing by non visible screws		2 : lateral joining plenum	

specifications

- TXR -S :
 - The ceiling diffusers will be square with joining plenum.
 - They will diffuse by a punched sheet in 2 or 3 or 4 directions depending on the premises.
 - They will be in galvanised steel, painted white, RAL 9010.
 - Type TXR -S,  brand.

- TXR -E :
 - The extract ceiling diffusers will be square and will resume by a punched sheet.
 - They will be in galvanised steel, painted white.
 - Type TXR -E,  brand.

application

- Diffuser with 1, 2, 3 or 4 directions horizontal or vertical diffusion.
- Heating and air-conditioning of tertiary premises.

construction / composition

- TXR -S :
 - Frame and punched sheet in galvanised steel sheet (punched up to 50 %).
 - 4 adjustable deflectors : plates in punched sheets adjustable direction on site
 - Detachable diffuser fixed by clips.
 - Integrated plenum with axial or lateral supply (interior/exterior painted).
 - Finish : white paint, RAL 9010 (diffuser painted interior/exterior).
- TXR -E :
 - Frame and punched sheet in galvanised steel sheet.
 - Fixed diffuser.
 - Integrated plenum for versions 1 and 2 (interior painted).
 - Finish : white paint, RAL 9010 (diffuser painted interior/exterior).

option

- All RAL paints.

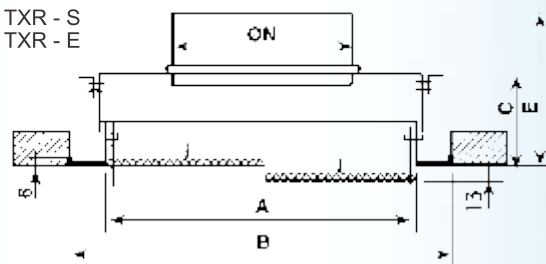
packaging

- Individual, in plastic film.

technical description

Dimensions

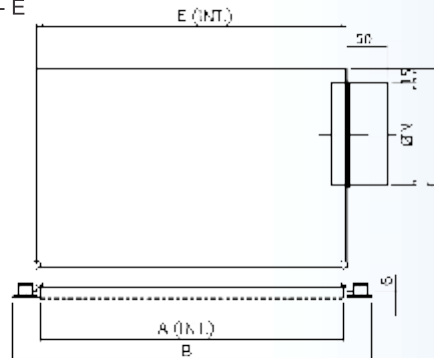
• TXR - S
• TXR - E



Size	A	B	C	DN	E
160 - 300	251	259	75	158	125
200 - 400	351	359	75	158	125
250 - 500	451	459	100	248	150
315 - 600	547	555	100	313	150

Dimensions in mm.

• TXR - S
• TXR - E



Size	A	B	C	DN	E
160 - 300	251	259	250	158	254
200 - 400	351	359	300	158	354
250 - 500	451	459	350	248	454
315 - 600	547	555	400	313	554

Dimensions in mm.

fitting and connection

- Direct joining of the diffuser onto the duct via the plenum.



selection chart

►► TXR - S-1 (supply with axial plenum)

Q (m³/h)	Dim (mm)	300 x 300	400 x 400	500 x 500	600 x 600
	Alt (m²)	0,03020	0,05910	0,09760	0,14570
200	X (m)	2,3	1,6		
	NR	31	< 20		
	Pt (Pa)	14	4		
300	X (m)	3,5	2,5	1,9	
	NR	44	25	< 20	
	Pt (Pa)	31	8	3	
400	X (m)		3,3	2,6	2,1
	NR		35	20	< 20
	Pt (Pa)		15	5	2
500	X (m)		4,1	3,2	2,6
	NR		42	27	< 20
	Pt (Pa)		23	8	4
800	X (m)			5,1	4,2
	NR			43	31
	Pt (Pa)			21	10
1000	X (m)				5,2
	NR				39
	Pt (Pa)				15
1400	X (m)				7,3
	NR				50
	Pt (Pa)				29

►► TXR - S-1 : 2 directions (supply with lateral plenum)

Q (m³/h)	Dim (mm)	300 x 300	400 x 400	500 x 500	600 x 600
	Alt (m²)	0,03020	0,05910	0,09760	0,14570
200	X (m)	1,6	1,2		
	NR	31	< 20		
	Pt (Pa)	14	4		
300	X (m)	2,4	1,7	1,4	
	NR	44	25	< 20	
	Pt (Pa)	31	8	3	
400	X (m)		2,3	1,8	1,5
	NR		35	20	< 20
	Pt (Pa)		15	5	2
500	X (m)		2,9	2,3	1,9
	NR		42	27	< 20
	Pt (Pa)		23	8	4
800	X (m)			3,6	3,0
	NR			43	31
	Pt (Pa)			21	10
1000	X (m)				3,7
	NR				39
	Pt (Pa)				15
1400	X (m)				5,2
	NR				50
	Pt (Pa)				29

►► TXR - S-1 : 4 directions (supply with axial plenum)

Q (m³/h)	Dim (mm)	300 x 300	400 x 400	500 x 500	600 x 600
	Alt (m²)	0,03020	0,05910	0,09760	0,14570
200	X (m)	1,2	0,8		
	NR	31	< 20		
	Pt (Pa)	14	4		
300	X (m)	1,7	1,2	1,0	
	NR	44	25	< 20	
	Pt (Pa)	31	8	3	
400	X (m)		1,6	1,3	1,0
	NR		35	20	< 20
	Pt (Pa)		15	5	2
500	X (m)		2,1	1,6	1,3
	NR		42	27	< 20
	Pt (Pa)		23	8	4
800	X (m)			2,6	2,1
	NR			43	31
	Pt (Pa)			21	10
1000	X (m)				2,6
	NR				39
	Pt (Pa)				15
1400	X (m)				3,7
	NR				50
	Pt (Pa)				29

►► TXR - S-1 : vertical jet (supply with axial plenum)

Q (m³/h)	Dim (mm)	300 x 300	400 x 400	500 x 500	600 x 600
	Alt (m²)	0,03020	0,05910	0,09760	0,14570
200	Y (m)	1,0			
	NR	< 20			
	Pt (Pa)	12			
300	Y (m)	1,6	1,1		
	NR	28	< 20		
	Pt (Pa)	27	7		
400	Y (m)	2,1	1,5	1,2	
	NR	37	< 20	< 20	
	Pt (Pa)	48	13	5	
500	Y (m)	2,6	1,9	1,4	1,2
	NR	44	25	< 20	< 20
	Pt (Pa)	75	20	7	3
800	Y (m)		3,0	2,3	1,9
	NR		41	26	< 20
	Pt (Pa)		50	18	8
1000	Y (m)		3,7	2,9	2,4
	NR		48	33	22
	Pt (Pa)		79	29	13
1500	Y (m)			4,6	3,8
	NR			49	37
	Pt (Pa)			74	33
1800	Y (m)				4,3
	NR				41
	Pt (Pa)				42
2000	Y (m)				4,7
	NR				45
	Pt (Pa)				52

►► TXR - E (extract)

Q (m³/h)	Dim (mm)	300 x 300	400 x 400	500 x 500	600 x 600
	Alt (m²)	0,03020	0,05910	0,09760	0,14570
200	NR	< 20			
	Pt (Pa)	31			
300	NR	26	< 20	< 20	
	Pt (Pa)	70	18	7	
400	NR	35	< 20	< 20	
	Pt (Pa)	125	33	12	
500	NR	42	25	< 20	< 20
	Pt (Pa)	105	51	19	8

►► TXR - E extract (next)

Q (m³/h)	Dim (mm)	300 x 300	400 x 400	500 x 500	600 x 600
	Alt (m²)	0,03020	0,05910	0,09760	0,14570
800	NR		38	24	< 20
	Pt (Pa)		130	48	21
1000	NR			31	< 20
	Pt (Pa)			75	33
1600	NR			47	35
	Pt (Pa)			191	86
1800	NR				42
	Pt (Pa)				134

NR < 25

25 ≤ NR < 35

35 ≤ NR < 45

NR ≥ 45

Indicated NR : sound power level without room attenuation for a v = 0,2 m/s with an isolation at 3 m and with isotherm conditions.