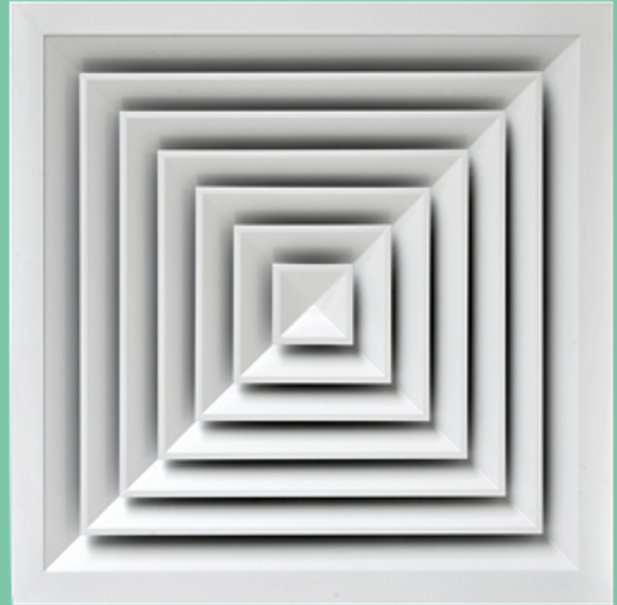




**COMPLETE AIR
SUPPLIES LTD.**

AQN

4 Way Diffuser



CHARACTERISTICS

Multi-directional 4-way diffusers with removable core

CONSTRUCTION

Aluminium powder coated white RAL 9010

UTILISATION

For ceiling installation and for air intake and delivery Installation height: 2.5-3.1m

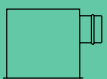
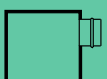
FIXING

By using screws on the diffuser neck

ACCESSORIES

- *Galvanized steel plenum, standard or insulated, with or without equalizer sheet.*
- *Calibration damper made of galvanized steel and fins with opposite movement.*

SIZES

								
	AQNA	BOX	PALLET	SCN	PDZ-1	PDZI-1	PDZ-2	PDZI-2
BxH mm		PIECES	PIECES					
150x150	-	8	240	-	-	-	-	-
225x225	-	8	128	-	-	-	-	-
300x300	-	8	64	-	-	-	-	-
375x375	-	8	48	-	-	-	-	-
450x450	-	8	48	-	-	-	-	-
600x600	-	6	2	-	-	-	-	-

MEASURES

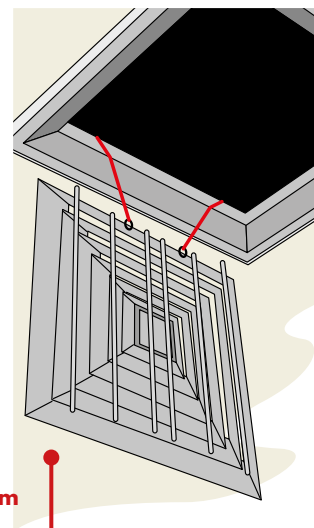
AQNA <i>Dimensions mm</i>	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
150x150	128	144	294	50	240x240
225x225	203	219	369	50	315x315
300x300	278	294	444	50	390x390
375x375	353	369	519	50	465x465
450x450	428	444	594	50	540x540
600x600	580	597	745	50	690x690



ACCESSORIES

<i>Spigot plenum PDZ-1 / PDZ-2</i>	
BxH mm	Ø
150x150	122
225x225	147
300x300	197
375x375	197
450x450	247
600x600	297

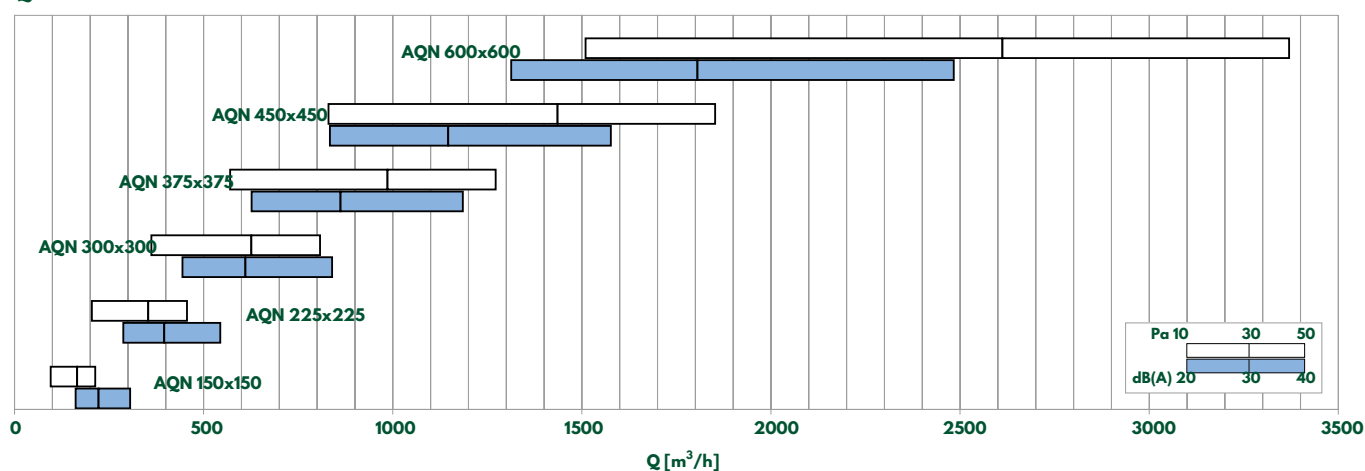
Safety Installation



Safety System



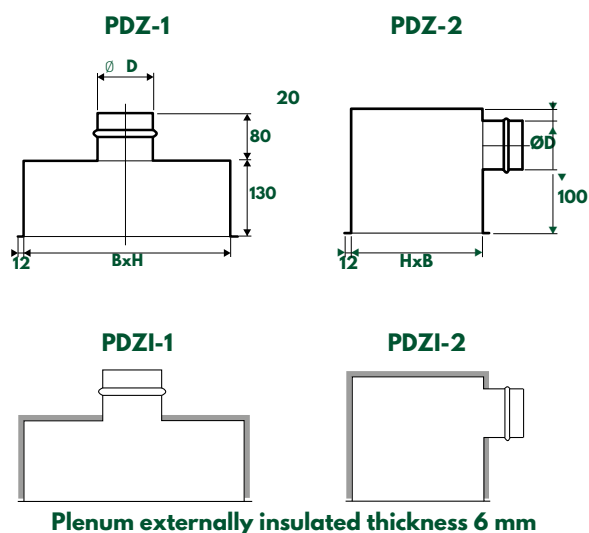
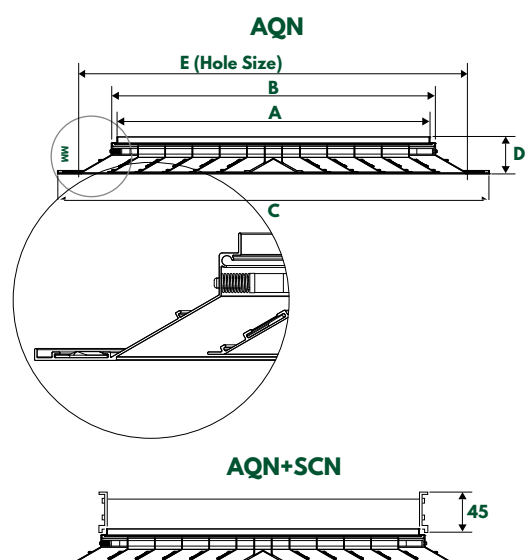
QUICK SELECTION DIAGRAM



SELECTION TABLE

Model	A_k [m ²]	N. way	Q [m ³ /h]		L_{WA} [dB(A)]		$X_{(0,25)}$ [m]		Dp_i [Pa]	
			min	max	min	max	min	max	min	max
AQN 150x150	0,0094	4	100	210	< 20	29	0,80	3,99	10	50
AQN 225x225	0,0194	4	200	460	< 20	34	0,92	4,61	10	50
AQN 300x300	0,0332	4	360	810	< 20	39	1,03	5,14	10	50
AQN 375x375	0,0511	4	570	1270	< 20	42	1,12	5,60	10	50
AQN 450x450	0,0729	4	830	1850	< 20	45	1,20	6,01	10	50
AQN 600x600	0,1284	4	1510	3370	24	50	1,35	6,73	10	50

DRAWINGS



MOUNTING AND CONNECTIONG

Connecting to square duct Insert the diffuser into the duct. Fix the diffuser by screws.	Connecting to flexible duct by plenum Insert the diffuser into the plenum PDZ-1 / PDZ-2. Fix the diffuser by screws.	Refistering It is possible to install a damper for any configuration. Fix the damper by clips on the diffuser.
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NOTES





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