

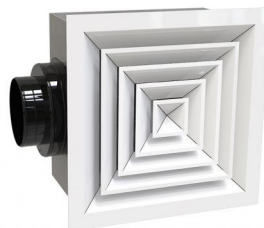
DATASHEET

rev. 01 - 4/11/2022

DQAP

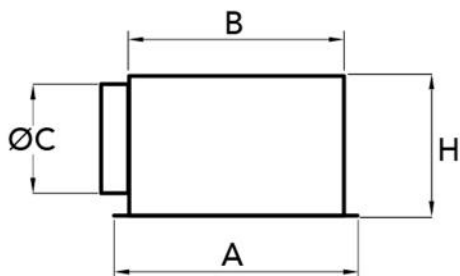
square diffuser 1 - 2 - 3 - 4-way in white painted aluminium complete with damper and lowered plenum

PWD400202 - PWD400203 - PWD400204
PWD400205 - PWD400206 - PWD400207
PWD400208 - PWD400209 - PWD400210
PWD400211 - PWD400212 - PWD400213
PWD400214 - PWD400215 - PWD400216
PWD400217 - PWD400218 - PWD400219
PWD400220 - PWD400221



TECHNICAL SPECIFICATIONS:

- Diffuser made of white painted aluminium RAL 9016
- Plenum box made of galvanised sheet metal
- Outer closed cell polyethylene coating (thickness 3 mm)
- Suitable for air delivery and intake
- High operating efficiency
- Lowered plenum with damper and hole for ceiling mounting



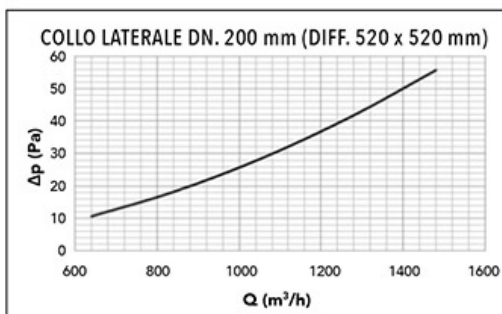
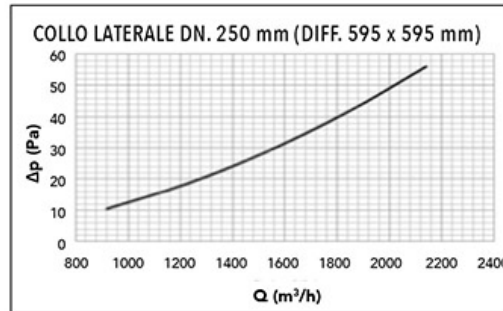
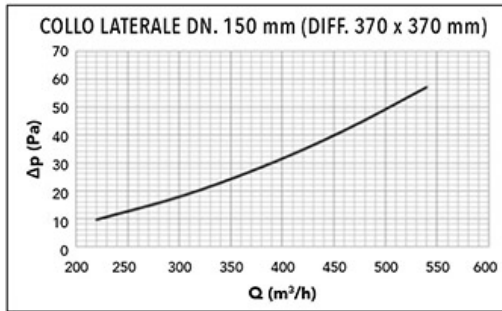
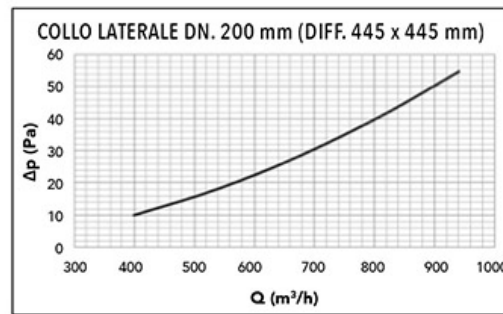
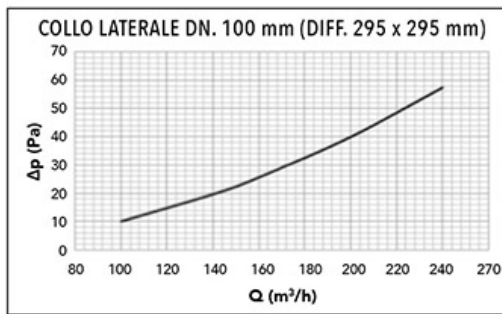
DIMENSIONS

CODE	N° WAYS	EXTERNAL DIMENSIONS [mm]	BACK COUPLER [mm]	DEPTH [mm]
PWD400202	1	295 x 295	235 x 235	250
PWD400203	1	370 x 370	310 x 310	250
PWD400204	1	445 x 445	385 x 385	250
PWD400205	1	520 x 520	460 x 460	250
PWD400206	1	595 x 595	560 x 560	280
PWD400207	2	295 x 295	235 x 235	250
PWD400208	2	370 x 370	310 x 310	250
PWD400209	2	445 x 445	385 x 385	250
PWD400210	2	520 x 520	460 x 460	250
PWD400211	2	595 x 595	560 x 560	280
PWD400212	3	295 x 295	235 x 235	250
PWD400213	3	370 x 370	310 x 310	250
PWD400214	3	445 x 445	385 x 385	250
PWD400215	3	520 x 520	460 x 460	250
PWD400216	3	595 x 595	560 x 560	280
PWD400217	4	295 x 295	235 x 235	250
PWD400218	4	370 x 370	310 x 310	250
PWD400219	4	445 x 445	385 x 385	250
PWD400220	4	520 x 520	460 x 460	250
PWD400221	4	595 x 595	560 x 560	280

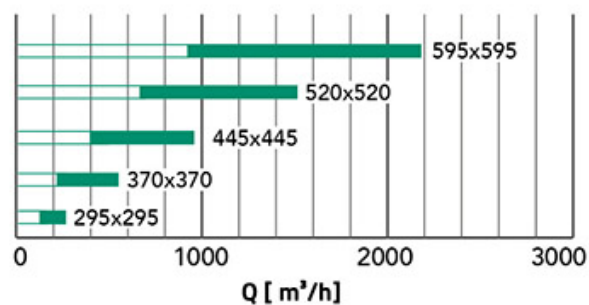
DIMENSIONS

DIMENSIONI ESTERNE [mm]	Ak min [m ²]		Q min [m ³ /h]	Q max [m ³ /h]	LwA min [dB(A)]	LwA max [dB(A)]	X(0.25) min [m]	X(0.25) max [m]	Dpt max [Pa]	Dpt min [Pa]	
295 x 295	0,0317	0,0379	510	1100	35	53	3,2	6,6	10	50	
370 x 370	0,0494	0,0592	790	1700	35	53	4,0	8,3	10	50	
445 x 445	0,0711	0,0853	1140	2450	35	53	4,8	10,0	10	50	
520 x 520	0,0967	0,1161	1550	3320	35	53	5,6	11,6	10	50	
595 x 595	0,1262	0,1517	2020	4340	35	53	6,4	13,4	10	50	

FLOW RATE DIAGRAMS



RAPID AIR FLOW SELECTION



ITEMS

CODE	DESCRIPTION
PWD400202	ALUMINIUM 1-WAY SQUARE DIFFUSERS COMPLETE WITH DAMPER AND PLENUM WITH WHITE PAINTED FINISH - 295x295mm
PWD400203	ALUMINIUM 1-WAY SQUARE DIFFUSERS COMPLETE WITH DAMPER AND PLENUM WITH WHITE PAINTED FINISH - 370x370mm
PWD400204	ALUMINIUM 1-WAY SQUARE DIFFUSERS COMPLETE WITH DAMPER AND PLENUM WITH WHITE PAINTED FINISH - 445x445mm
PWD400205	ALUMINIUM 1-WAY SQUARE DIFFUSERS COMPLETE WITH DAMPER AND PLENUM WITH WHITE PAINTED FINISH - 520x520mm
PWD400206	ALUMINIUM 1-WAY SQUARE DIFFUSERS COMPLETE WITH DAMPER AND PLENUM WITH WHITE PAINTED FINISH - 595x595
PWD400207	* 2 WAYS ALUMINIUM SQUARE DIFFUSER COMPLETE WITH DAMPER AND PLENUM WHITE 295x295
PWD400208	* 2 WAYS ALUMINIUM SQUARE DIFFUSER COMPLETE WITH DAMPER AND PLENUM WHITE 370x370
PWD400209	* 2 WAYS ALUMINIUM SQUARE DIFFUSER COMPLETE WITH DAMPER AND PLENUM WHITE 445x445
PWD400210	* 2 WAYS ALUMINIUM SQUARE DIFFUSER COMPLETE WITH DAMPER AND PLENUM WHITE 520x520
PWD400211	* 2 WAYS ALUMINIUM SQUARE DIFFUSER COMPLETE WITH DAMPER AND PLENUM WHITE 595x595
PWD400212	* 3 WAYS ALUMINIUM SQUARE DIFFUSER COMPLETE WITH DAMPER AND PLENUM WHITE 295x295
PWD400213	* 3WAYS ALUMINIUM SQUARE DIFFUSER COMPLETE WITH DAMPER AND PLENUM WHITE 370x370
PWD400214	* 3 WAYS ALUMINIUM SQUARE DIFFUSER COMPLETE WITH DAMPER AND PLENUM WHITE 445x445
PWD400215	* 3 WAYS ALUMINIUM SQUARE DIFFUSER COMPLETE WITH DAMPER AND PLENUM WHITE 520x520
PWD400216	* 3 WAYS ALUMINIUM SQUARE DIFFUSER COMPLETE WITH DAMPER AND PLENUM WHITE 595x595
PWD400217	* 4 WAYS ALUMINIUM SQUARE DIFFUSER COMPLETE WITH DAMPER AND PLENUM WHITE 295x295
PWD400218	* 4 WAYS ALUMINIUM SQUARE DIFFUSER COMPLETE WITH DAMPER AND PLENUM WHITE 370x370
PWD400219	* 4 WAYS ALUMINIUM SQUARE DIFFUSER COMPLETE WITH DAMPER AND PLENUM WHITE 445x445
PWD400220	* 4 WAYS ALUMINIUM SQUARE DIFFUSER COMPLETE WITH DAMPER AND PLENUM WHITE 520x520
PWD400221	* 4 WAYS ALUMINIUM SQUARE DIFFUSER COMPLETE WITH DAMPER AND PLENUM WHITE 595x595