



**CIRCULAR DIFFUSERS WITH  
ADJUSTABLE CONES IN ABS**

**KU 2  
SERIES**

**OVERVIEW**

**OVERVIEW :** The KU 2 series diffusers represent the evolution in the research of new materials and in the improvement in the functionality diffusers with adjustable cones (3 cones) by mean of a micrometric central screw.

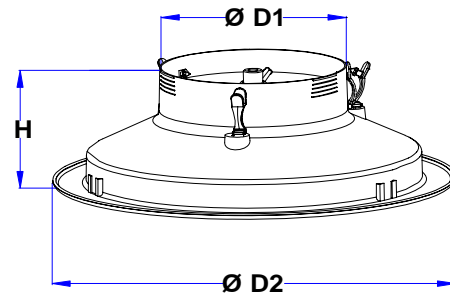
The presence of clips for the flexible duct installation and of slots for the use of special clips for the plaster board ceiling installation, make the KU 2 the quickest diffuser to apply. Furthermore, for modular ceilings, a 595x595 panel is available, same material and colour, to which the KU 2 is easily and quickly fixed to.

**MATERIALS :** The KU 2 series are made from antistatic ABS, with flame retardant and anti drip (it does not produce hot melted plastic drips). Resistant to UV rays and UL94 V0 certified.

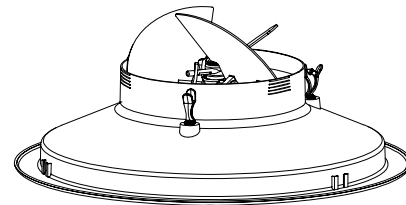
**FINISHING :** RAL 9010.

**INSTALLATION :** on plaster board ceiling, fixing to flexible duct with the special clips. For use on modular ceilings, the diffuser is simply fixed to the panel and inserted into the ceiling structure.

**BASIC MODEL**



**VERSION WITH DAMPER**

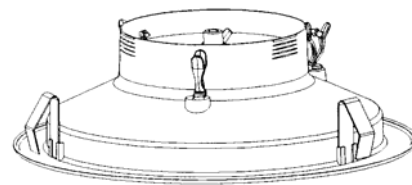


**DIMENSIONS:**

Model	Ø D1 [mm]	Ø D2 [mm]	H [mm]
KU 2 - 160	155	335	104
KU 2 - 200	196	423	118
KU 2 - 250	246	517	130

HOLE DIAMETER REQUIRED		
KU2 160	KU2 200	KU2 250
Ø310 mm	Ø395 mm	Ø490 mm

Accessory:  
Clips for plasterboard ceiling  
Code KU-KE (set of 3 pieces)





## CIRCULAR DIFFUSERS WITH ADJUSTABLE CONES IN ABS

KU 2  
SERIES

### PERFORMANCES

#### KU 2 160

$V_k$ [m/s]	2	3	4	5	6	7	8	9	10
X [m]	0,8	1,2	1,6	2,0	2,2	2,8	3,2	3,6	4,2
Q [m <sup>3</sup> /h]	142	213	284	355	426	496	567	638	709
$\Delta p$ [Pa]	8	16	27	41	57	75	96	119	144
L [dB(A)]	< 20	25	30	35	40	45	50	55	> 55

The throw values are valid for a terminal velocity of 0,37 m/s at room temperature.

The pressure drop is valid for both diffusers with or without fully opened damper.

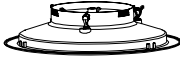
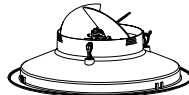

For the sound pressure values  $L_p$ , a 10 dB attenuation values was taken into consideration.

#### KU 2 200

$V_k$ [m/s]	2	3	4	5	6	7	8	9	10
X [m]	1,0	1,5	2,0	2,5	3,0	3,5	4,0	4,5	5,0
Q [m <sup>3</sup> /h]	217	326	435	543	652	760	869	978	1086
$\Delta p$ [Pa]	7	15	25	38	53	70	89	110	134
L [dB(A)]	< 20	25	30	35	40	45	50	55	> 55

#### KU 2 250

$V_k$ [m/s]	2	3	4	5	6	7	8	9	10
X [m]	1,1	1,6	2,2	2,7	3,3	3,8	4,4	4,9	5,5
Q [m <sup>3</sup> /h]	333	499	665	831	998	1164	1330	1496	1663
$\Delta p$ [Pa]	7	14	24	35	49	65	83	103	124
L [dB(A)]	< 20	25	30	35	40	45	50	55	> 55

MODEL	KU 2	KU2S	KU 2 - PE
			
	Circular diffuser with adjustable cones in ABS	Circular diffuser with adjustable cones in ABS with damper included and RAL 9010 ABS control.	Fixing panel for KU 2
160	X	X	X
200	X	X	X
250	X	X	X

KU 2 Circular diffuser with adjustable cones in ABS in RAL 9010 finish

KU2S Circular diffuser with adjustable cones in ABS with damper included and RAL 9010 ABS control.

KU2-PE Fixing panel for KU 2

SB Damper

??? Nominal diameter

Example: KU 2S 200 Circular diffuser with adjustable cones in ABS in RAL 9010 finish complete with damper nominal diameter 200 mm.