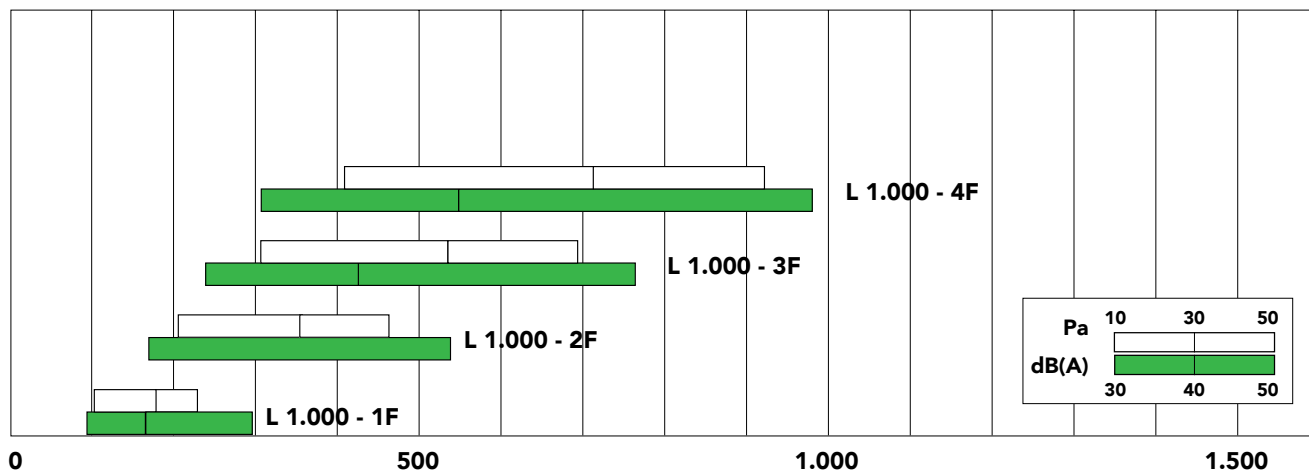


TECHNICAL FEATURES AND AIR FLOW RATE

1 - 2 - 3 - 4 SLOT LINEAR DIFFUSER IN ANODISED ALUMINIUM - WHITE PAINTED

RAPID AIR FLOW RATE SELECTION



Example for linear diffusers L=1.000 mm

SELECTION TABLE

Model	Ak [m²]	Q [m³/h]		LWA [dB(A)]		X(0,25) [m]		Dp _t * [Pa]	
		min	max	min	max	min	max	min	max
L 1.000 - 1F	0,00959	100	230	32	46	3,1	6,9	10	50
L 1.000 - 2F	0,01930	200	460	33	47	4,1	9,2	10	50
L 1.000 - 3F	0,02901	300	690	34	48	4,8	11,0	10	50
L 1.000 - 4F	0,03872	410	930	35	49	5,6	12,5	10	50

Example for linear diffusers L=1.000 mm

THE AIR FLOW RATES INDICATED IN THE TABLE ABOVE REFER TO A 1-METRE LONG DIFFUSER.
TO CALCULATE THE AVERAGE AIR FLOW RATE FOR A DIFFUSER THAT IS MORE OR LESS THAN A METRE LONG,
USE THE FOLLOWING CALCULATION:

DIFFUSER 1 mt / 1 SLOT => Q RIF = 100 m³/h

EXAMPLE 1:
FOR 1 DIFFUSER 0,80 mt / 1 SLOT => Q L= 100 x 0,8 = 80 m³/h

EXAMPLE 2:
FOR 1 DIFFUSER 1,5 mt / 1 SLOT => Q L= 100 x 1,5 = 150 m³/h

LEGEND:
Q L= Q RIF x L

Q L= FLOW RATE TO CALCULATE
Q RIF= FLOW RATE FOR 1 m LENGTH
L= DIFFUSER LENGTH

1 SLOT LINEAR DIFFUSER WITH DAMPER IN ANODISED ALUMINIUM - WHITE PAINTED ALUMINIUM



IN RAL 9016 WHITE

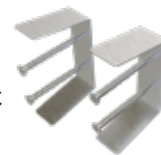
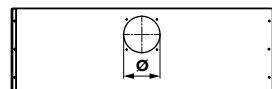
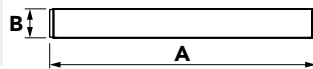


CODE	DESCRIPTION	COLOUR	L (mm)	L1 (mm)
PWC300007	1 SLOT LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	600	660
PWC300008	1 SLOT LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	ALUMINIUM	600	
PWC300009	1 SLOT LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	800	860
PWC300010	1 SLOT LINEAR DIFFUSER WITH DAMPER IN ANODISED ALUMINIUM	ALUMINIUM	800	
PWC300011	1 SLOT LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	1000	1060
PWC300012	1 SLOT LINEAR DIFFUSER WITH DAMPER IN ANODISED ALUMINIUM	ALUMINIUM	1000	
PWC300013	1 SLOT LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	1500	1560
PWC300014	1 SLOT LINEAR DIFFUSER WITH DAMPER IN ANODISED ALUMINIUM	ALUMINIUM	1500	
PWC300015	1 SLOT LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	2000	2060
PWC300016	1 SLOT LINEAR DIFFUSER WITH DAMPER IN ANODISED ALUMINIUM	ALUMINIUM	2000	

INSULATED PLENUM WITH TOP CONNECTION FOR 1-SLOT LINEAR DIFFUSERS

TECHNICAL FEATURES

- INSULATED GALVANISED SHEET METAL
- OUTER COATING IN 3mm THICK CLOSED CELL POLYTHENE
- COLLARS FOR TOP CONNECTIONS PROVIDED



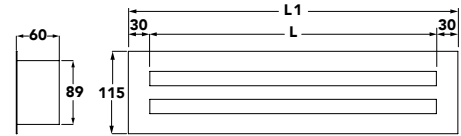
BRACKETS AND SCREWS FOR FIXING DIFFUSER PROVIDED

MADE IN ITALY

CODE	DESCRIPTION	DIMENSIONS			UPPER COLLAR INCLUDED	REAR COLLAR (ON DEMAND) *	SIDE COLLAR RIGHT-LEFT (ON DEMAND) *
		A (mm)	B (mm)	C (mm)	N° COLL. / MOD.	N° COLL. / MOD.	N° COLL. / MOD.
PWD300170	INSULATED PLENUM WITH TOP CONNECTION FOR 1-SLOT LINEAR DIFFUSERS T L.600	630	65	280	1 PC. E5 (Ø150)		
PWD300171	INSULATED PLENUM WITH TOP CONNECTION FOR 1-SLOT LINEAR DIFFUSERS T L.800	830	65	280	1 PC. E5 (Ø150)		
PWD300172	INSULATED PLENUM WITH TOP CONNECTION FOR 1-SLOT LINEAR DIFFUSERS T L.1000	1030	65	280	1 PC. E5 (Ø150)		
PWD300173	INSULATED PLENUM WITH TOP CONNECTION FOR 1-SLOT LINEAR DIFFUSERS T L.1500	1530	65	280	1 PC. E5 (Ø150)		
PWD300174	INSULATED PLENUM WITH TOP CONNECTION FOR 1-SLOT LINEAR DIFFUSERS T L.2000	2030	65	280	2 PC. E5 (Ø150)		

* REAR AND SIDE CONNECT NOT AVAILABLE

2-SLOT LINEAR DIFFUSER WITH DAMPER IN ANODISED ALUMINIUM - WHITE PAINTED ALUMINIUM



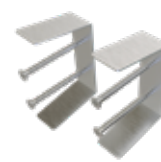
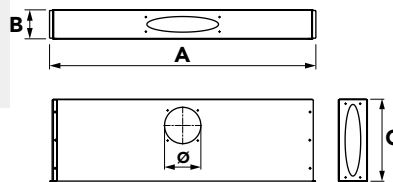
FOR AIR FLOW RATES SEE PAGE 56

CODE	DESCRIPTION	COLOUR	L (mm)	L1 (mm)
PWC300017	2 SLOTS LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	600	660
PWC300018	2 SLOTS LINEAR DIFFUSER WITH DAMPER INANODISED ALUMINIUM	ALUMINIUM	600	
PWC300019	2 SLOTS LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	800	860
PWC300020	2 SLOTS LINEAR DIFFUSER WITH DAMPER INANODISED ALUMINIUM	ALUMINIUM	800	
PWC300021	2 SLOTS LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	1000	1060
PWC300022	2 SLOTS LINEAR DIFFUSER WITH DAMPER INANODISED ALUMINIUM	ALUMINIUM	1000	
PWC300023	2 SLOTS LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	1500	1560
PWC300024	2 SLOTS LINEAR DIFFUSER WITH DAMPER INANODISED ALUMINIUM	ALUMINIUM	1500	
PWC300025	2 SLOTS LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	2000	2060
PWC300026	2 SLOTS LINEAR DIFFUSER WITH DAMPER INANODISED ALUMINIUM	ALUMINIUM	2000	

INSULATED PLENUM WITH TOP CONNECTION AND REAR/SIDE INLETS FOR 2-SLOTS LINEAR DIFFUSERS

TECHNICAL FEATURES

- INSULATED GALVANISED SHEET METAL
- OUTER COATING IN 5mm THICK CLOSED CELL POLYTHENE
- COLLARS FOR TOP CONNECTIONS PROVIDED
- COLLARS FOR REAR AND SIDE INLETS AVAILABLE ON DEMAND (SEE MATCHES IN TABLE)



BRACKETS AND SCREWS FOR FIXING DIFFUSER PROVIDED

MADE IN ITALY

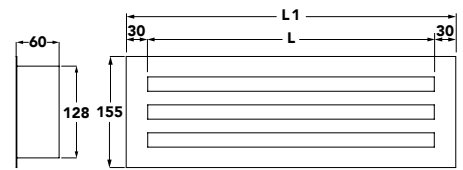
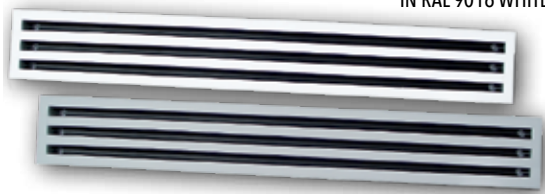
CODE	DESCRIPTION	DIMENSIONI			UPPER COLLAR INCLUDED	REAR COLLAR (ON DEMAND PAGE 173)*	SIDE COLLAR RIGHT-LEFT (ON DEMAND PAGE 173)*
		A (mm)	B (mm)	C (mm)			
PWD300175	INSULATED PLENUM WITH TOP CONNECTION AND REAR/SIDE INLETS FOR 2-SLOTS LINEAR DIFFUSER L.600	630	105	280	1 PC. E5 (Ø150)	1 PC. C3 (OVAL Ø150-125)	1 PC. C3 (OVAL Ø150-125)
PWD300176	INSULATED PLENUM WITH TOP CONNECTION AND REAR/SIDE INLETS FOR 2-SLOTS LINEAR DIFFUSER L.800	830	105	280	1 PC. E5 (Ø150)	1 PC. C3 (OVAL Ø150-125)	1 PC. C3 (OVAL Ø150-125)
PWD300177	INSULATED PLENUM WITH TOP CONNECTION AND REAR/SIDE INLETS FOR 2-SLOTS LINEAR DIFFUSER L.1000	1030	105	280	1 PC. E5 (Ø150)	1 PC. C3 (OVAL Ø150-125)	1 PC. C3 (OVAL Ø150-125)
PWD300178	INSULATED PLENUM WITH TOP CONNECTION AND REAR/SIDE INLETS FOR 2-SLOTS LINEAR DIFFUSER L.1500	1530	105	280	2 PC. E5 (Ø150)	2 PC. C3 (OVAL Ø150-125)	2 PC. C3 (OVAL Ø150-125)
PWD300179	INSULATED PLENUM WITH TOP CONNECTION AND REAR/SIDE INLETS FOR 2-SLOTS LINEAR DIFFUSER L.2000	2030	105	280	2 PC. E5 (Ø150)	2 PC. C3 (OVAL Ø150-125)	2 PC. C3 (OVAL Ø150-125)

* N.B. IF YOU USE THE BACK AND LATERAL CONNECTION, IT MAY HAPPEN THAT THE DIFFUSER IS NOT WORKING IN A PROPER WAY.

3-SLOT LINEAR DIFFUSER WITH DAMPER IN ANODISED ALUMINIUM - WHITE PAINTED ALUMINIUM



IN RAL 9016 WHITE



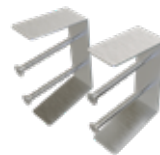
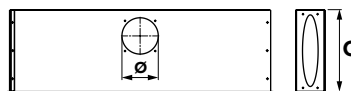
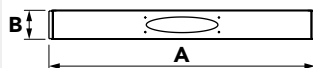
FOR AIR FLOW RATES SEE PAGE 56

CODE	DESCRIPTION	COLOUR	L (mm)	L1 (mm)
PWC300027	3 SLOTS LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	600	660
PWC300028	3 SLOTS LINEAR DIFFUSER WITH DAMPER IN ANODISED ALUMINIUM	ALUMINIUM	600	
PWC300029	3 SLOTS LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	800	860
PWC300030	3 SLOTS LINEAR DIFFUSER WITH DAMPER IN ANODISED ALUMINIUM	ALUMINIUM	800	
PWC300031	3 SLOTS LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	1000	1060
PWC300032	3 SLOTS LINEAR DIFFUSER WITH DAMPER IN ANODISED ALUMINIUM	ALUMINIUM	1000	
PWC300033	3 SLOTS LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	1500	1560
PWC300034	3 SLOTS LINEAR DIFFUSER WITH DAMPER IN ANODISED ALUMINIUM	ALUMINIUM	1500	
PWC300035	3 SLOTS LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	2000	2060
PWC300036	3 SLOTS LINEAR DIFFUSER WITH DAMPER IN ANODISED ALUMINIUM	ALUMINIUM	2000	

INSULATED PLENUM WITH TOP CONNECTION AND REAR/SIDE INLETS FOR 3-SLOT LINEAR DIFFUSERS

TECHNICAL FEATURES

- INSULATED GALVANISED SHEET METAL
- OUTER COATING IN 5mm THICK CLOSED CELL POLYTHENE
- COLLARS FOR TOP CONNECTIONS PROVIDED
- COLLARS FOR REAR AND SIDE INLETS AVAILABLE ON DEMAND (SEE MATCHES IN TABLE)



BRACKETS AND SCREWS FOR FIXING DIFFUSER PROVIDED

MADE IN ITALY

CODE	DESCRIPTION	DIMENSIONS			UPPER COLLAR INCLUDED	REAR COLLAR (ON DEMAND PAGE 173)*	SIDE COLLAR RIGHT-LEFT (ON DEMAND PAGE 173)*
		A (mm)	B (mm)	C (mm)	N° COLL. / MOD.	N° COLL. / MOD.	N° COLL. / MOD.
PWD300180	INSULATED PLENUM WITH TOP CONNECTION AND REAR/SIDE INLETS FOR 3-SLOT LINEAR DIFFUSER L.600	630	145	280	1 PC. E5 (Ø150)	1 PC. C3 (OVAL Ø150-125)	1 PC. C3 (OVAL Ø150-125)
PWD300181	INSULATED PLENUM WITH TOP CONNECTION AND REAR/SIDE INLETS FOR 3-SLOT LINEAR DIFFUSER L.800	830	145	280	1 PC. E5 (Ø150)	1 PC. C3 (OVAL Ø150-125)	1 PC. C3 (OVAL Ø150-125)
PWD300182	INSULATED PLENUM WITH TOP CONNECTION AND REAR/SIDE INLETS FOR 3-SLOT LINEAR DIFFUSER L.1000	1030	145	280	1 PC. E5 (Ø150)	1 PC. C3 (OVAL Ø150-125)	1 PC. C3 (OVAL Ø150-125)
PWD300183	INSULATED PLENUM WITH TOP CONNECTION AND REAR/SIDE INLETS FOR 3-SLOT LINEAR DIFFUSER L.1500	1530	145	280	2 PC. E5 (Ø150)	2 PC. C3 (OVAL Ø150-125)	2 PC. C3 (OVAL Ø150-125)
PWD300184	INSULATED PLENUM WITH TOP CONNECTION AND REAR/SIDE INLETS FOR 3-SLOT LINEAR DIFFUSER L.2000	2030	145	280	2 PC. E5 (Ø150)	2 PC. C3 (OVAL Ø150-125)	2 PC. C3 (OVAL Ø150-125)

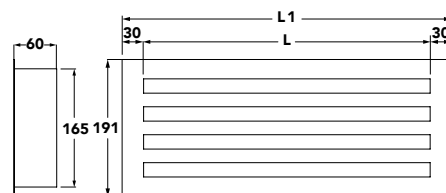
* N.B. IF YOU USE THE BACK AND LATERAL CONNECTION, IT MAY HAPPEN THAT THE DIFFUSER IS NOT WORKING IN A PROPER WAY.

4-SLOT LINEAR DIFFUSER WITH DAMPER IN ANODISED ALUMINIUM - WHITE PAINTED ALUMINIUM

NEW



IN RAL 9016 WHITE



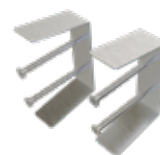
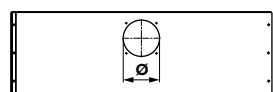
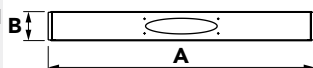
FOR AIR FLOW RATES SEE PAGE 56

CODE	DESCRIPTION	COLOUR	L (mm)	L1 (mm)
PWC300037	4 SLOTS LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	600	660
PWC300038	4 SLOTS LINEAR DIFFUSER WITH DAMPER IN ANODISED ALUMINIUM	ALUMINIUM	600	
PWC300039	4 SLOTS LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	800	860
PWC300040	4 SLOTS LINEAR DIFFUSER WITH DAMPER IN ANODISED ALUMINIUM	ALUMINIUM	800	
PWC300041	4 SLOTS LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	1000	1060
PWC300042	4 SLOTS LINEAR DIFFUSER WITH DAMPER IN ANODISED ALUMINIUM	ALUMINIUM	1000	
PWC300043	4 SLOTS LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	1500	1560
PWC300044	4 SLOTS LINEAR DIFFUSER WITH DAMPER IN ANODISED ALUMINIUM	ALUMINIUM	1500	
PWC300045	4 SLOTS LINEAR DIFFUSER WITH DAMPER IN PAINTED ALUMINIUM	WHITE	2000	2060
PWC300046	4 SLOTS LINEAR DIFFUSER WITH DAMPER IN ANODISED ALUMINIUM	ALUMINIUM	2000	

INSULATED PLENUM WITH TOP CONNECTION AND REAR/SIDE INLETS FOR 4-SLOT LINEAR DIFFUSERS

TECHNICAL FEATURES

- INSULATED GALVANISED SHEET METAL
- OUTER COATING IN 5mm THICK CLOSED CELL POLYTHENE
- COLLARS FOR TOP CONNECTIONS PROVIDED
- COLLARS FOR REAR AND SIDE INLETS AVAILABLE ON DEMAND (SEE MATCHES IN TABLE)



BRACKETS AND SCREWS FOR FIXING DIFFUSER PROVIDED

MADE IN ITALY

CODE	DESCRIPTION	DIMENSION			UPPER COLLAR INCLUDED	REAR COLLAR (ON DEMAND PAGE 99)**	SIDE COLLAR RIGHT-LEFT (ON DEMAND PAGE 99)*
		A (mm)	B (mm)	C (mm)	N° COLL. / MOD.	N° COLL. / MOD.	N° COLL. / MOD.
PWD300185	INSULATED PLENUM WITH TOP CONNECTION AND REAR/SIDE INLETS FOR 4-SLOT LINEAR DIFFUSER L.600	630	180	280	1 PC B2 (Ø200-150)	1 PC. D4 (OVAL Ø200-150)	1 PC. D4 (OVAL Ø200-150)
PWD300186	INSULATED PLENUM WITH TOP CONNECTION AND REAR/SIDE INLETS FOR 4-SLOT LINEAR DIFFUSER L.800	830	180	280	1 PC B2 (Ø200-150)	1 PC. D4 (OVAL Ø200-150)	1 PC. D4 (OVAL Ø200-150)
PWD300187	INSULATED PLENUM WITH TOP CONNECTION AND REAR/SIDE INLETS FOR 4-SLOT LINEAR DIFFUSER L.1000	1030	180	280	2 PC B2 (Ø200-150)	2 PC. D4 (OVAL Ø200-150)	2 PC. D4 (OVAL Ø200-150)
PWD300188	INSULATED PLENUM WITH TOP CONNECTION AND REAR/SIDE INLETS FOR 4-SLOT LINEAR DIFFUSER L.1500	1530	180	280	2 PC B2 (Ø200-150)	2 PC. D4 (OVAL Ø200-150)	2 PC. D4 (OVAL Ø200-150)
PWD300189	INSULATED PLENUM WITH TOP CONNECTION AND REAR/SIDE INLETS FOR 4-SLOT LINEAR DIFFUSER L.2000	2030	180	280	2 PC B2 (Ø200-150)	2 PC. D4 (OVAL Ø200-150)	2 PC. D4 (OVAL Ø200-150)

* N.B. IF YOU USE THE BACK AND LATERAL CONNECTION, IT MAY HAPPEN THAT THE DIFFUSER IS NOT WORKING IN A PROPER WAY.

BRACKETS AND SCREWS KIT FOR FIXING LINEAR DIFFUSER

TECHNICAL FEATURES

- SUITABLE FOR FIXING OF THE LINEAR DIFFUSER TO THE PLENUM
- SUITABLE FOR LINEAR DIFFUSERS FROM PAGE 57 TO PAGE 60



CODE	DESCRIPTION	LENGTH
		(mm)
PWD500013	BRACKETS AND SCREWS KIT FOR FIXING LINEAR DIFFUSER WITH 1 SLOT	600-800 1000-1500
PWD500014	BRACKET KIT AND SCREW KIT FOR FIXING OF LINEAR DIFFUSER WITH 2 SLOTS	600-800 1000-1500
PWD500015	BRACKET KIT AND SCREW KIT FOR FIXING OF LINEAR DIFFUSER WITH 3 SLOTS	600-800 1000-1500
PWD500016	BRACKET KIT AND SCREW KIT FOR FIXING OF LINEAR DIFFUSER WITH 4 SLOTS	600-800 1000-1500
PWD500017	BRACKET KIT AND SCREW KIT FOR FIXING OF LINEAR DIFFUSER WITH 1 SLOT	2000
PWD500018	BRACKET KIT AND SCREW KIT FOR FIXING OF LINEAR DIFFUSER WITH 2 SLOTS	2000
PWD500019	BRACKET KIT AND SCREW KIT FOR FIXING OF LINEAR DIFFUSER WITH 3 SLOTS	2000
PWD500020	BRACKET KIT AND SCREW KIT FOR FIXING OF LINEAR DIFFUSER WITH 4 SLOTS	200

CONTINUITY KIT FOR LINEAR DIFFUSERS



TECHNICAL FEATURES

- IDEAL FOR FIXING TWO LINEAR DIFFUSERS
- SUITABLE FOR LINEAR DIFFUSERS FROM PAGE 59 TO PAGE 64
- THE KIT CONTAINS 2 ITEMS

PLATES THAT CAN BE USED IN SYSTEMS WHERE SEVERAL DIFFUSERS MUST BE ALIGNED CONTINUOUSLY



CODE	DESCRIPTION
PWC500027	CONTINUITY KIT FOR LINEAR DIFFUSERS