

## HYBALANS+ ROUND

### FLEXIBLE PLASTIC DUCTING, AIR SUPPLY, BLUE (ANTI BACTERIAL & ANTI STATIC)

This ducting is supplied in 50 meter rolls for Ø92, and in 40 meters for Ø75. The outside is made of corrugated HDPE and the inside is made of smooth LDPE.

Ø Outside (mm)	Ø Inside (mm)	Curve radius (mm)	Article number
92	78	150	40 047 04 00
75	63	125	40 047 03 50



### FLEXIBLE PLASTIC DUCTING, AIR EXTRACTION, RED

This ducting is supplied in 50 meter rolls for Ø92, and in 40 meters for Ø75. The outside is made of corrugated HDPE and the inside is made of smooth LDPE.

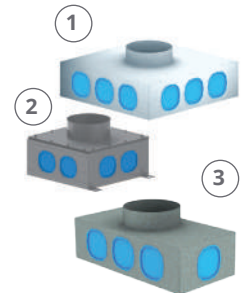
Ø Outside (mm)	Ø Inside (mm)	Curve radius (mm)	Article number
92	78	150	40 047 04 01
75	63	125	40 047 03 49



### AIR EXTRACTION PLENUM

The stale air extraction plenum has no internal noise damper and is supplied with a restriction data label and cap. The plenum is supplied unpainted.

Dimensions L x W x H (mm)	Max. out-flow (m³/h)	Main connection port (mm)	Number of connection ports	Article number
1 400 x 400 x 110	350	150	12	40 047 04 45
400 x 400 x 110	350	160	12	40 047 04 73
400 x 400 x 110	350	180	12	40 047 04 75
2 300 x 300 x 110	225	150	8	40 048 06 10
3 400 x 200 x 110	225	125	8	40 047 04 46



### AIR DISTRIBUTION MANIFOLD COMPLETE

The air distribution manifold has an internal noise damper and is supplied with a restriction data label. The lower part of the manifold is made of metal, the upper part is made of EPP. Connections on the front, side and bottom.

Dimensions L x W x H (mm)	Max. out-flow (m³/h)	Main connection port (mm)	Number of connection ports	Article number
603 x 207 x 504	350	150 /180	12	40 047 04 07



### AIR DISTRIBUTION MANIFOLD, UPPER PART

The air distribution manifold is fitted with a pressure plate and must be used in combination with the air distribution manifold lower part. The main connection is suitable for 150 mm and 180 mm. The upper part is made of EPP.

Dimensions L x W x H (mm)	Max. out-flow (m³/h)	Main connection port (mm)	Article number
603 x 207 x 233	350 / 450	150 /180	40 047 04 24



**AIR DISTRIBUTION MANIFOLD, LOWER PART**

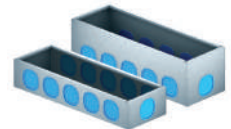
The lower part of the air distribution box must be combined with an upper part. The 350 m<sup>3</sup>/h is fitted with internal acoustic damping, the 450 m<sup>3</sup>/h version is not. The version with 17 connections also has connections at the back.

Dimensions L x W x H (mm)	Max. out-flow (m <sup>3</sup> /h)	Number of connection ports	Article number
603 x 207 x 271	350	12	40 047 04 23
603 x 207 x 271	450	17	40 047 04 22

**AIR SUPPLY AND/OR EXTRACTION PLENUM**

The plenum is supplied unpainted. Only for use in combination with right-angle/straight air distribution manifold.

Dimensions L x W x H (mm)	Max. out-flow (m <sup>3</sup> /h)	Number of connection ports	Article number
603 x 207 x 180	450	12	40 047 04 44
603 x 207 x 110	450	12	40 047 04 43

**AIR DISTRIBUTION MANIFOLD, RIGHT-ANGLE/STRAIGHT**

The air distribution manifold is supplied with a removable cap and an air distribution manifold intermediate part; it has rotating clip fittings and no internal noise damper. The main connection is suitable for 150 mm and 180 mm EPP ducting or 180 mm metal ducting. The lower part of the manifold is made of metal, the upper part is made of EPP.

Dimensions L x W x H (mm)	Max. out-flow (m <sup>3</sup> /h)	Article number
603 x 207 x 440	450	40 047 04 42

**WALL-MOUNTED PLENUM FOR AIR SUPPLY AND/OR EXTRACTION**

Height-adjustable plenum with 2 connection ports. The plenum is supplied unpainted. Grille included.

Dimensions L x W x H (mm)	Max. out-flow (m <sup>3</sup> /h)	Number of connection ports	Article number
310 x 262-342 x 71	100	2	40 047 04 92

**FLOOR-MOUNTED PLENUM FOR AIR SUPPLY AND/OR EXTRACTION**

Floor plenum (can be shortened to suit requirements), fitted with 2 connection ports. The plenum is supplied unpainted. Grille included.

Dimensions L x W x H (mm)	Max. out-flow (m <sup>3</sup> /h)	Number of connection ports	Article number
308 x 301 x 71	100	2	40 047 04 94



## HYBALANS+ ROUND

### CONNECTION PIECE

The connection piece is fitted with snap connectors, a connection for a restriction ring (not supplied) and has two sealing rings.

Application	Ø (mm)	Article number
Air distribution manifold or extraction plenum	92	40 047 04 08
Air distribution manifold or extraction plenum	75	40 047 03 52



### CONNECTION BEND, COMPLETE

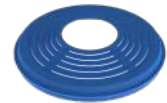
Application	Ø (mm)	Article number
Air distribution manifold or extraction plenum	92	40 047 04 54
Air distribution manifold or extraction plenum	75	40 047 04 58



### RESTRICTION RING

Calculate the correct opening with the aid of the calculator on [www.burgerhout.com](http://www.burgerhout.com).

Application	Article number
Fits into connection piece	40 047 04 09



### AIR VALVE CONNECTION, RIGHT-ANGLE

This connection piece is available with a choice of a single or double 75 or single 92 connections to a single air valve. Fitted with snap connectors. The connection piece has a fully adjustable mounting base. The connection piece is supplied with a dust cap and sealing ring(s).

Duct Ø (mm)	Air valve size Ø (mm)		Floor/wall thickness (mm)	Article number
	Internal	External		
92	125	133	265	40 048 06 16
2 x 92	125	133	265	40 047 04 19
2 x 75	125	133	275	40 047 03 66



**AIR VALVE CONNECTION, STRAIGHT**

This connection piece is available with a choice of a single or double 75 or single 92 connections to a single air valve. Fitted with snap connectors. The connection piece has a fully adjustable mounting base. The connection piece is supplied with a dust cap and sealing ring(s).

Duct Ø (mm)	Air valve size Ø (mm)		Floor/wall thickness (mm)	Article number
	Internal	External		
92	125	133	280	40 048 06 17
2 x 92	125	133	265	40 047 03 69
2 x 75	125	133	265	40 047 03 68

**90° BEND**

The bend is fitted with snap connectors and supplied with two sealing rings.

Application	Ø (mm)	Article number
90° Connecting two ducts	92	40 047 04 35
90° Connecting two ducts	75	40 047 04 51

**90° BEND WITH MOUNTING BASE**

The bend is fitted with snap connectors and supplied with two sealing rings.

Application	Ø (mm)	Article number
Floor mounting	92	40 047 04 36
Floor mounting	75	40 047 04 53

**CONNECTION STRAIGHT**

The connection piece is fitted with snap connectors and supplied with two sealing rings.

Application	Ø (mm)	Article number
Connecting two ducts	92	40 047 04 05
Connecting two ducts	75	40 047 03 51

**SCREW COUPLING**

The screw coupling is fitted with snap connectors and supplied with a sealing ring.

Application	Ø (mm)	Article number
To extend snap connectors	92	40 047 04 37




## HYBALANS+ ROUND

### CROSS-OVER, RIGHT ANGLES

To allow a cross-over of two 92 mm Ø ducts.


Length (mm)	Article number
500	40 047 04 02



### CROSS-OVER, RIGHT ANGLES EXTENDED


To allow a cross-over of two 92 mm Ø ducts.

Length (mm)	Article number
750	40 047 04 03



### SEALING RING


Ø (mm)	Article number
1 92	40 047 04 29
2 75	40 048 04 50



### CLAMPING BRACKET


Galvanised metal clamping bracket with torque connection.

Application	Ø (mm)	Article number
For securing ducts	92	40 047 04 31
For securing ducts	75	40 047 03 59



### DUST CAP

Application	Ø (mm)	Article number
Capping duct ends	92	40 047 04 20
Capping duct ends	75	40 047 03 54
Capping valve connection piece 2x75	75	40 047 03 55



### VALVE EXTENSION PIECE

For use with ceiling collar.

Application	Extension (mm)	Application	Article number
For ceiling/floors thicker than 100 mm	40	125	40 047 04 13

