

Triple - TYFON® MKD 75/3

A pneumatic triple unit with flange for a 1 1/2" support pipe



A Special Sound

The tone of our well-known triple sound emitters is - to use an acoustical term - "complex". That means a plurality of components in the frequency spectrum - in other words, many harmonical partial tones in addition to the fundamentals which are different for the three horns.

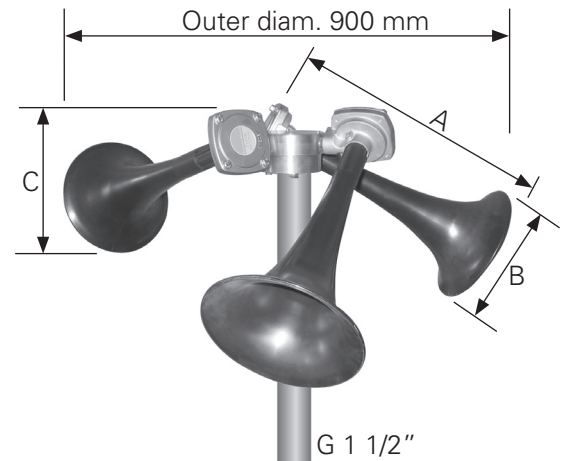
One advantage with this kind of sound is that its character is "alarming" and easily distinguished among other sounds.

A general demand on an alarm signals is the sound level being well above the noise level. With TYFON MKD 75/3 is experienced that the signal can be detected also in cases when such a condition is not prevailing.

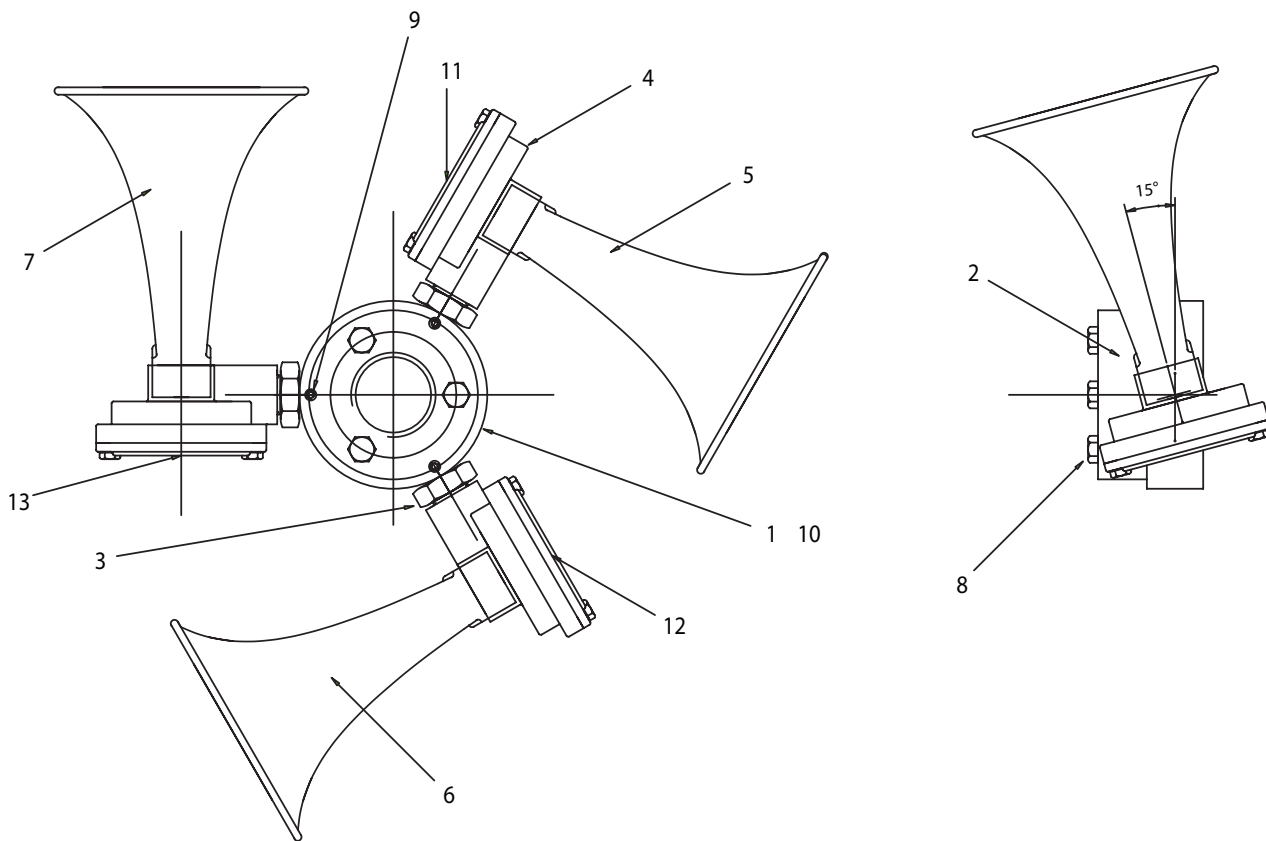
Technical data

Frequencies:	350 + 370 + 390 Hz
Sound pressure level (30m):	115 dB +/- 2 dB
Normal air consumption: (free air)	20-30 l/s
Working pressure: (before apparatus)	0.5 - 0.7 MPa (5 - 7 bar)
Weight:	5 kg
Pipe dimensions:	Ø 15/12 mm

Note: For a distinct code signalling, the pipe length between TYFON should not be more than 6 meter.
Ref. no. 255 10 050



Dimensions in mm			
Frequency	A	B	C
350 Hz	435	Ø 200	370
370 Hz	415	Ø 200	360
390 Hz	385	Ø 200	340



Spare parts

No.	Name	Material	Ref. No.
1	Manifold	Brass	21759560
2	Flange	Brass	21759959
3	Screwing	Brass	20864340
4	Housing complete	Brass	24510074
5	Horn 350 Hz	Thermoplastic	32170867
6	Horn 370 Hz	Thermoplastic	32170868
7	Horn 390 Hz	Thermoplastic	32170869
8	Screw M6S M8 x 35	Stainless steel	20801125
9	Screw MSK6 M6 x 8	Stainless steel	20801793
10	Screwing GA 15-R 1/2"	Brass	32300250
11	Sign MKT75/350		21771027
12	Sign MKT75/370		21771028
13	Sign MKT75/390		21771029

When ordering, please specify name and ref. no.

Installation

The sound emitter is made for a working pressure 0.5 – 0.7 Mpa directly at the inlet to the diaphragm housings. Consequently, some kind of pressure reduction has to be arranged for feeding the apparatus from common compressed air line. Normally, a choke plug does the job, inserted after the operating valve. The valve itself should have an orifice wider than the choke; otherwise the choke plug can be omitted.

Valve TV 91, 1/2" is preferred to be used for this apparatus. To avoid functional trouble, blow the supply pipe thoroughly clean before connection to the sound emitter.

A filter should be installed at the inlet of the operating valve to protect the signalling apparatus from dirt particles. A little oil or moisture in the air is harmless for the function. However, water pockets and sharp bends must be avoided.

Maintenance

The apparatus is manufactured of corrosion resistant materials and does not require painting. Diaphragm breakage never occurs at normal use unless the air pressure is considerably above upper limit. Adjustment of diaphragm or horn need never be made.

Subject to alternation without notice.