



TYFON®

TW 370/F1

Designed for rolling stock

General Description

The Tyfon® TW 370/F1 has a folded funnel design which makes it very compact for easy installation.

This electro-acoustic Tyfon® converts electrical power into usable acoustic power using a high power compression driver which is mounted inside.

The only moving part is the diaphragm within the compression driver.

High acoustic efficiency is achieved by sophisticated design of the funnel/horn in combination with the compression driver.

Rolling stock compliant:

IEC 61373:2010

EN 50155:2007

EN 50121-3-2:2016

EN 15153-4:2020 §5.3

EN 45545-2:2020

Technical Data

Acoustical Characteristics

Max Sound Pressure Level (5 m / 16 ft) 116 dB(A)

Max Sound Pressure Level (30 m / 100 ft) 100 dB(A)

(Max sound pressure depends on frequency)

Frequency Range: 300 – 2800 Hz

Environmental Characteristics

Temperature range -40 ... +70 °C

-40 ... +158 °F

Protection class IP 56

Material, enclosure Aluminum

Size and weight

Dimensions (mm) 195 x 195 x 230 mm

7.7 x 7.7 x 9 "

Weight 5,5 kg / ~12 lbs

Reliability

Operational design life 40 years

Connections

TWH 370/F1x

Cable connector type

V = Vansystem/Radiall

S = Souriau Trim Trio

H = equipped with heating element (only with Souriau connector)