

ROUND METAL CEILING LOUDSPEAKER

➤ **RCS8/T**

ARCHITECTS & ENGINEERS SPECIFICATION

This unit shall be the PENTON model RCS8/T or equal and approved. The loudspeaker baffle shall be a round two part bezel comprising an inner metal mesh grille, and chassis with integral loudspeaker having no visible fixings. Installation shall be by pre-mounted torsion-springs. The speaker assembly shall comprise of a twin cone loudspeaker and shall be fitted with a 10 watt/100 volt line factory mounted transformer with the power taps clearly marked on the assembly.

The loudspeaker shall have a wide-angle dispersion. The cone shall be a damped, high compliance type with a smooth extended frequency response.

RATED POWER	10w
TAPPINGS 100v LINE	10/5/2.5/1.25w
EFFECTIVE FREQUENCY RANGE	65 - 17kHz
SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)	94dB
DISPERSION AT 1k/2kHz	180/110
AXIAL Q FACTOR AT 1k/2kHz	2.7/6.7
COLOUR	WHITE RAL9016
CEILING CUT-OUT	238mm

All units to be tested in accordance with BSEN60268-5



Penton UK Ltd

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ROUND METAL CEILING LOUDSPEAKER

➤ **RCS8/FTS**

ARCHITECTS & ENGINEERS SPECIFICATION

This unit shall be the PENTON model RCS8/FTS or equal and approved. The loudspeaker baffle shall be a round two part bezel comprising an inner metal mesh grille, and chassis with integral loudspeaker having no visible fixings. Installation shall be by pre-mounted torsion-springs. The speaker assembly shall comprise of a twin cone loudspeaker and shall be fitted with a 10 watt/100 volt line factory mounted transformer with the power taps clearly marked on the assembly.

The loudspeaker shall have a wide-angle dispersion. The cone shall be a damped, high compliance type with a smooth extended frequency response.

The RCS8/FTS will be suitable for voice alarm applications. In addition to the above specification will be supplied with a steel fire dome capable of withstanding 800°C, fitted with 2 x 20mm knock-outs, 3 way ceramic terminals able to take 2 x 2.5mm² conductors and a thermal fuse rated at 150°.

This loudspeaker must be compliant to BS5839 part 8 & EN60849.

RATED POWER	10w
TAPPINGS 100v LINE	10/5/2.5/1.25w
EFFECTIVE FREQUENCY RANGE	150 - 17kHz
SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)	93dB
DISPERSION AT 1k/2kHz	176/100
AXIAL Q FACTOR AT 1k/2kHz	3.6/7.8
COLOUR	WHITE RAL9016
CEILING CUT-OUT	246mm

All units to be tested in accordance with BSEN60268-5



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