

SOUNDSTREAM

R E S E R V E



RESERVE

CAR AUDIO
SUBWOOFER

RSW.122 / RSW.152

Thank you for choosing Soundstream subwoofers, designed & engineered in the U.S.A. This product combines innovative technology with the finest materials to consistently deliver absolutely state of the art performance, sound quality, reliability, and value. This Reserve subwoofer reflects our commitment to offer you unparalleled performance and quality for years of dependable service and listening enjoyment.

In recent years, our subwoofers have evolved to meet various performance and placement goals, keeping your, the Soundstream fanatic, suggestions in mind. New for 2020, we introduce Reserve subwoofers, available exclusively to our Soundstream Reserve dealers. Premium materials & performance characteristics include over saturated 12mm top plate and t-yoke, high density poly-ether foam surround, & a massive 900w 3" voice coil. High density Spruce pulp cone and double polycotton blend suspension hold everything together. These behemoths are not for the faint-hearted....

FEATURES, PARAMETERS, & SPECIFICATIONS

Overcompensating Motor Structure for Increased Magnetic Strength

12mm T-Yoke & Top Plate Improve Low Frequency Harmonics

Vented T-Yoke & Frame Reduces Voice Coil Heat Build-up

Non-Magnetic Non-Resonate Die-Cast Aluminum Frame

3" 4-Layer Voice Coil w/ Spring Loaded Wire Terminals

High-Temperature Tolerance Adhesives Resist Thermal Failure

Non-Transfer Spruce Pulp Cone w/ UV & Chemical Protection

Stitched and Glued Surround/Cone Joints for Strongest Bonding

Extended Excursion Poly-ether Foam Surround w/ UV Protection

Dual Poly-Cotton Suspension Dampen Violent Accelerations

1-pc Gasket/Trim Ring w/ Concealed Mounting Holes Included

Specification	RSW.122	RSW.152
Fs (Hz)	30.3	26.0
Qms	7.262	6.446
Vas (ft³)	1.21	3.08
Cms (mm/N)	.05710	.08939
Mms (g)	322.5	419.8
Xmax (mm)	16.5	16.5
Xmech (mm)	37.5	53.5
Qes	.897	1.046
Re (Ω)	3.6	3.6
Z (Ω)	4	4
BL (Tm)	8.268	10.860
MAX Power	2,000w	2,600w
RMS Power	1,000w	1,300w
Qts	.799	.900
NO (%)	.103	.142
Efficiency (1w/1m)	82.1dB	83.5dB
Impedance	DVC 2 Ω	DVC 2 Ω



RESERVE
CAR AUDIO
SUBWOOFER
RSW.122 / RSW.152

Vehicle conditions, amplifier, music preferences, & other variables make it difficult to give you exact dimensions for an enclosure design. For enclosure designs tailored to your specific needs, please contact us at tech-support@soundstream.com, or 1-800-724-1377.

All enclosures should be made of .75" (3/4") material only. When possible, make the baffle 1.5" (1 1/2) thick and add .75" (3/4") to the depth of the enclosure to compensate. All volumes **INCLUDE** vent/port and subwoofer displacements. **DO NOT** change the volume unless you plan on adding a substantial amount of bracing. For added performance, applying a coat of fiberglass resin to the interior walls will greatly improve sealing the enclosure. Adding a thin layer of poly-fill will improve response by smoothing out reflections within the enclosure.

Below are recommended enclosure designs and their expected performance:

RSW.12

	RSW.12 Recommended Sealed Enclosures			RSW.12 Recommended Ported Enclosures		
	Volume (ft³)	QTC	Tuning (Hz)	Volume (ft³)	Round Port	Tuning (Hz)
Min.	0.75	.884	52.5	1.75	4" x 15.25"L	33.3
Opt.	1.00	.785	50.3	2.00	4" x 14.5"L	31.1
Max.	1.25	.725	49.5	2.25	4" x 14"L	29.3

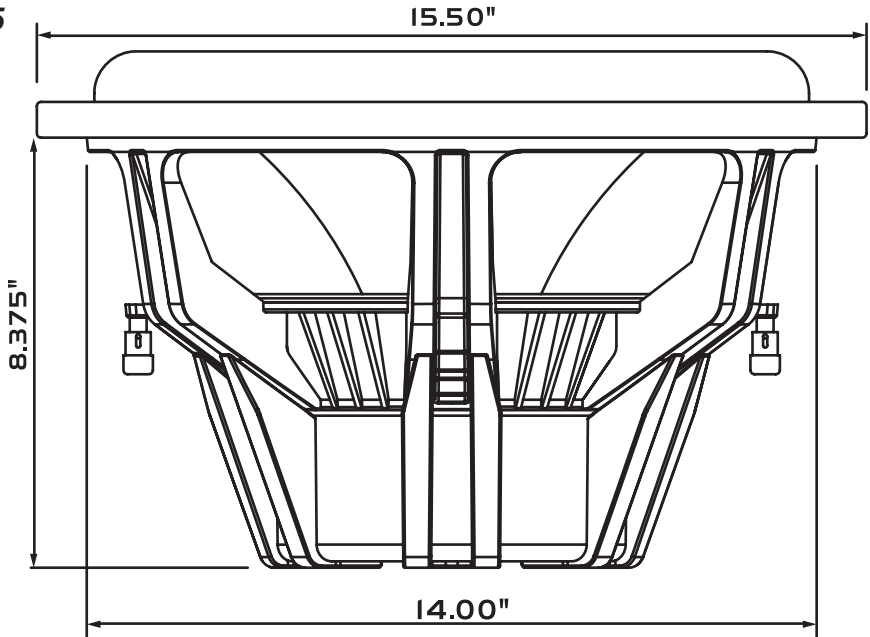
RSW.15

	RSW.15 Recommended Sealed Enclosures			RSW.15 Recommended Ported Enclosures		
	Volume (ft³)	QTC	Tuning (Hz)	Volume (ft³)	Round Port	Tuning (Hz)
Min.	1.50	.914	44.3	3.00	(2) 3" x 9.75"L	31.3
Opt.	2.00	.812	42.3	4.00	(2) 4" x 15.75"L	28.5
Max.	2.50	.749	41.6	5.00	(2) 4" x 13"L	26.8

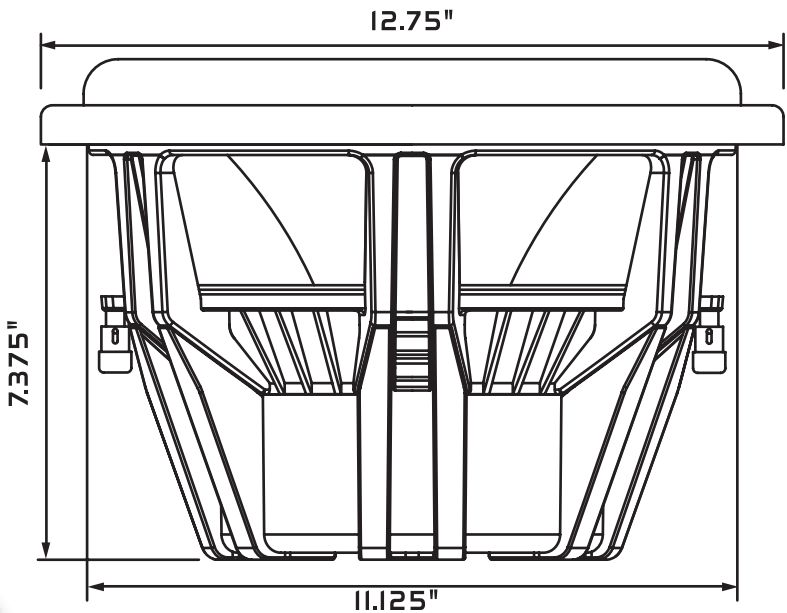


DIMENSIONS

RSW.15



RSW.12



RESERVE
CAR AUDIO
SUBWOOFER
RSW.122 / RSW.152