

File Options About

Driver Library Profile Box Custom Box Vent Design Wood Design

Name: **XP-10X**

Fs: **33.57** Qts: **0.483** Vas: **1.255**

Xmax: **0.433** Znom: **4.000** Pe: **250**

SPL: **85.78** Qty: **1**

XC0804S
XC0804S
XC0804S
XC1204S
XP-10X
XP-12X
Xtant A104 10
Xtant A122 12
Xtant A124 12
Xtant A152 15
Xtant A154 15

Application Suitability

Sealed

0 10 20 30 40 50 60 70 80 90 100

Vented

0 10 20 30 40 50 60 70 80 90 100

Bandpass 4

0 10 20 30 40 50 60 70 80 90 100

Bandpass 6

0 10 20 30 40 50 60 70 80 90 100

Add Copy Delete Metric Print PCX

File Options About

Driver Library Profile Box Custom Box Vent Design Wood Design

Back Chamber Front Chamber

Volume: **1.500**

Tuning: **28.00**

Vent Qty: **1.000**

Vent Air Velocity: **14.05%**

Mach Percentage: 0 2 4 6 8 10 12 14 16 18 20

Vent Type

Aeroport
 Circular
 Rectangular

Front View Side View

Area (in²): **7.068**

Inside Diameter (in): **3.000**

Tube Length (in): **18.87**

Metric Print PCX

File Options About

Driver Library Profile Box Custom Box Vent Design Wood Design

Back Chamber Front Chamber

Volume: **0.900**

Tuning: **52.00**

Vent Qty: **2.000**

Vent Air Velocity: **15.62%**

Mach Percentage: 0 2 4 6 8 10 12 14 16 18 20

Vent Type

Aeroport
 Circular
 Rectangular

Front View Side View

Area (in²): **7.068**

Inside Diameter (in): **3.000**

Tube Length (in): **9.426**

Metric Print PCX

File Options About

Driver Library Profile Box Custom Box Vent Design Wood Design

Back Chamber Front Chamber Profile Score

Volume: **1.090** Volume: **0.000** **54.83%**

Q: **0.707** Tuning: **0.000**

F3Hp: **49** Fo: **49** F3Lp: **0** Initial Design: **Purist**

Sealed Score Plot

Generator Start: **10.00** Power: **250**

Decades: **1 2 3**

Vertical Top: **6.000** **3.000**

Rel L Axis
 SPL R Axis
 Power Trace
 Disp

Graph Grid Xhair Unplot Clear Metric Print PCX

File Options About

Driver Library Profile Box Custom Box Vent Design Wood Design

Back Chamber Front Chamber Profile Score

Volume: **1.500** Volume: **0.000** **33.33%**

Tuning: **28.00** Tuning: **0.000**

F3Hp: **31** Fo: **0** F3Lp: **0** Initial Design: **Purist**

Vented Score Plot

Generator Start: **10.00** Power: **250**

Decades: **1 2 3**

Vertical Top: **6.000** **3.000**

Rel L Axis
 SPL R Axis
 Power Trace
 Disp

Graph Grid Xhair Unplot Clear Metric Print PCX

File Options About

Driver Library Profile Box Custom Box Vent Design Wood Design

Back Chamber Front Chamber Profile Score

Volume: **1.200** Volume: **0.900** **33.33%**

S: **0.707** Tuning: **52.00**

F3Hp: **33** Fo: **50** F3Lp: **77** Initial Design: **Purist**

Bandpass 4 Score Plot

Generator Start: **10.00** Power: **250**

Decades: **1 2 3**

Vertical Top: **6.000** **3.000**

Rel L Axis
 SPL R Axis
 Power Trace
 Disp

Graph Grid Xhair Unplot Clear Metric Print PCX

File Options About

Driver Library Profile Box Custom Box Vent Design Wood Design

Rectangular Wedge 1 Wedge 2 Bandpass

Back Chamber Volume Design: **1.098**

Total Enclosure Volume: **1.236**

Front Chamber Volume Design: **0.000**

Driver: **0.138** Driver: **0.000**

Vent: **0.000** Material Thickness: **0.758** Vent: **0.000**

Total: **1.236** Total: **0.000**

Side View Front View

D2 = 8.16 in F = 16.54 in A = 61 H1 = 14.50 in D1 = 16.12 in W = 17.11 in

Golden Calc Tv Find H1 Find H2 Find D1 Find D2 Find D Find W Import Export Metric Print PCX

File Options About

Driver Library Profile Box Custom Box Vent Design Wood Design

Rectangular Wedge 1 Wedge 2 Bandpass

Back Chamber Volume Design: **1.500**

Total Enclosure Volume: **1.692**

Front Chamber Volume Design: **0.000**

Driver: **0.138** Driver: **0.000**

Vent: **0.053** Material Thickness: **0.758** Vent: **0.000**

Total: **1.692** Total: **0.000**

Side View Front View

D2 = 8.18 in F = 17.39 in A = 63 H1 = 15.50 in D1 = 16.06 in W = 21.34 in

Golden Calc Tv Find H1 Find H2 Find D1 Find D2 Find D Find W Import Export Metric Print PCX

File Options About

Driver Library Profile Box Custom Box Vent Design Wood Design

Rectangular Wedge 1 Wedge 2 Bandpass

Back Chamber Volume Design: **1.200**

Total Enclosure Volume: **2.333**

Front Chamber Volume Design: **0.900**

Driver: **0.138** Driver: **0.000**

Vent: **0.000** Material Thickness: **0.758** Vent: **0.095**

Total: **1.338** Total: **0.995**

Side View Front View

H1 = 16.50 in D1 = 15.50 in W = 21.46 in

Back Chamber Front Chamber

12.30 in 9.15 in

Golden Calc Tv Find H1 Find H2 Find D1 Find D2 Find D Find W Import Export Metric Print PCX