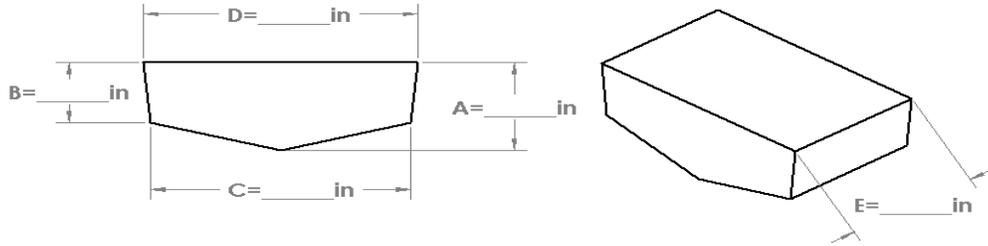




## GA2 Novec 1230 ENGINE ROOM WORKSHEET

Fireboy-Xintex will certify the volume of the engine room from manufacturer CAD drawing including volume calculations, or from a completed Engine Room Volume Worksheet



MAKE \_\_\_\_\_ MODEL \_\_\_\_\_ YEAR \_\_\_\_\_

MEASURED BY \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Print \_\_\_\_\_

### Gross Engine Room Volume

$$\frac{\text{A}}{\text{in}} + \frac{\text{B}}{\text{in}} = \frac{\text{in}}{2} = \frac{\text{in}}{\text{C}} \times \text{in} = \text{in}^2$$

$$\frac{\text{D}}{\text{in}} - \frac{\text{C}}{\text{in}} = \frac{\text{in}}{2} = \frac{\text{in}}{\text{B}} \times \text{in} = + \text{in}^2$$

MODEL REQUIRED: \_\_\_\_\_

$$\downarrow \times \text{E} \text{ in} = \text{in}^3$$

Additional Volume(s) \_\_\_\_\_

$$\downarrow + \text{in}^3$$

GA2 Maximum Protected Volume = 4000 cu.ft.

$$\downarrow \div 1728 = \text{in}^3$$

Gross Engine Room Volume = \_\_\_\_\_ ft<sup>3</sup>

Tank Description	Fixed Tank Deductions - Fuel - Water- Waste			
_____	_____ in	_____ in	_____ in	_____ in <sup>3</sup> ÷ 1728 = _____ ft <sup>3</sup>
	Length	Width	Depth	
_____	_____ in	_____ in	_____ in	_____ in <sup>3</sup> ÷ 1728 = + _____ ft <sup>3</sup>
	Length	Width	Depth	
_____	_____ in	_____ in	_____ in	_____ in <sup>3</sup> ÷ 1728 = + _____ ft <sup>3</sup>
	Length	Width	Depth	
			Gross Tank Volume	= _____ ft <sup>3</sup>

Gross Engine Room Volume - Gross Tank Volume = Net Engine Room Volume

\_\_\_\_\_ ft<sup>3</sup> - \_\_\_\_\_ ft<sup>3</sup> = \_\_\_\_\_ ft<sup>3</sup>

USCG & ABYC ALLOWS DEDUCTIONS FOR FIXED TANKS BY BOAT MANUFACTURERS ONLY. NOTE: ENGINE VOLUME CANNOT BE DEDUCTED

### Engine Room Area

$$\frac{\text{_____ in}}{D} \times \frac{\text{_____ in}}{E} = \text{_____ in}^2 \div 144 = \text{_____ ft}^2$$

Models 1200-4000 Maximum Approved Area: 606 ft<sup>2</sup>

### Engine Room Height

$$\frac{\text{_____ in}}{A} \div 12 = \text{_____ ft}$$

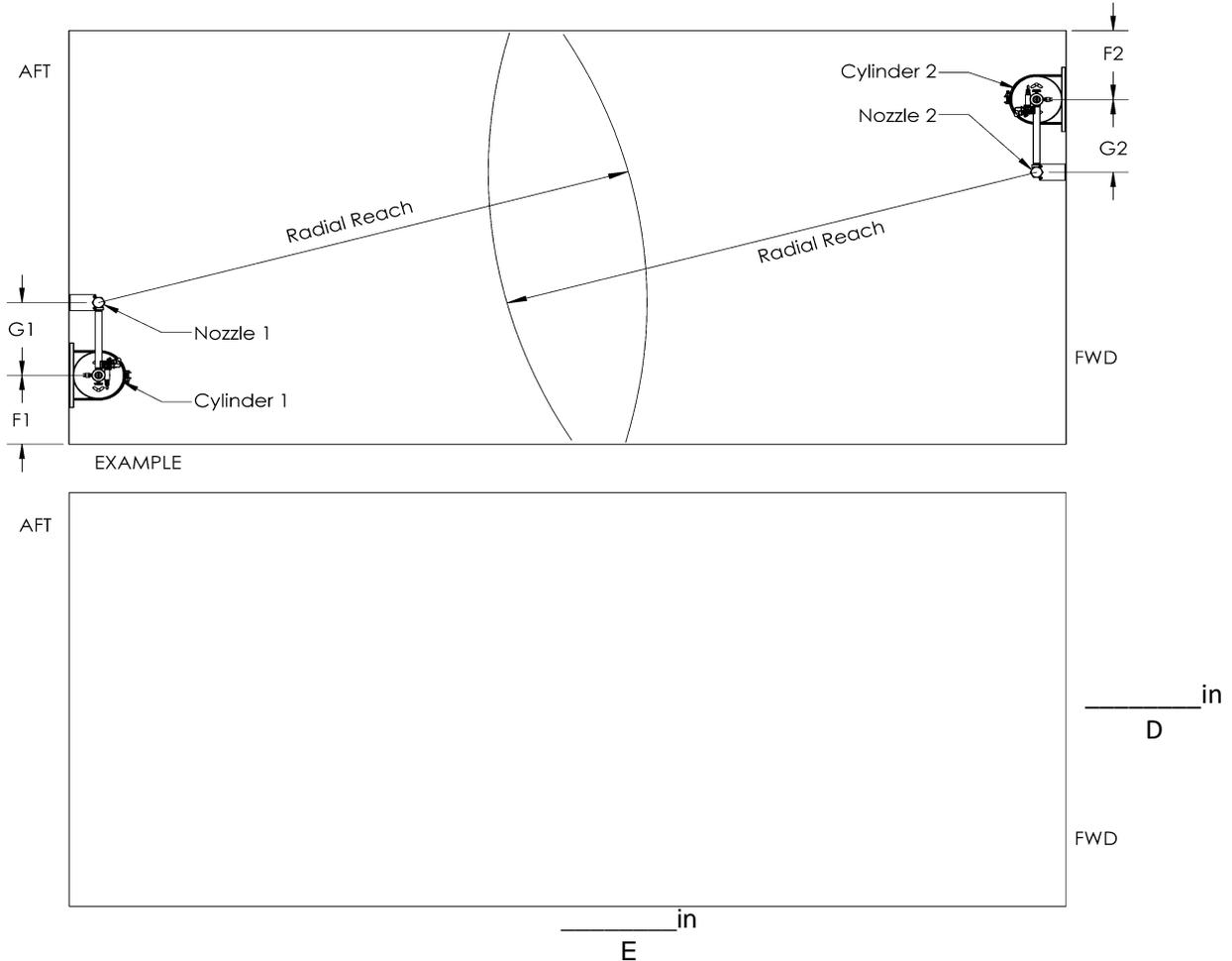
Models 1200-2000 Approved Ceiling Height: 4.0 ft to 12.6 ft

### Discharge Nozzle Height

Distance from ceiling to discharge nozzle \_\_\_\_\_ in

Maximum Approved distance: 24 in

### Location of Cylinders & Nozzle Configuration



Indicate Cylinder Location in blank diagram above

Cylinder 1      Cylinder 2

F = Distance to nearest wall (Informational Only)

\_\_\_\_\_ ft,      \_\_\_\_\_ ft  
F1                      F2

Models 1200-4000 Maximum Approved Radial Reach per cylinder: 19.4 ft  
Entire Area must be covered by the combined Radial Reach of the Nozzles

Area Covered (Y/N?) \_\_\_\_\_

## Discharge Piping Lengths

	Cylinder 1	Cylinder 2
G = Pipe Length between GA2 Valve and Elbow	_____in,	_____in
	G1	G2
H = Pipe Length between Elbow and Discharge Nozzle	+ _____in,	_____in
	H1	H2
	= _____in,	_____in
	Total	Total

Minimum Approved Length: 4 in  
Maximum Approved Length: 72 in  
Maximum Approved Total Length: 76 in