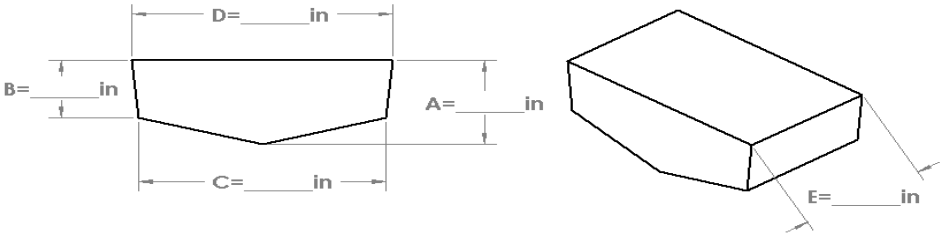
MA2/CG2 HFC-227ea ENGINE ROOM WORKSHEET

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

_____in (A) + _____in (B) = _____in ÷ 2 = _____in × _____in (C) = _____in²

_____in (D) − _____in (C) = _____in ÷ 2 = _____in × _____in (B) = + _____in²

↓

_____in²

MODEL REQUIRED: _____ × _____in (E)

↓

_____in³

Additional Volume(s) + _____in³

↓

MA2 Maximum Protected Volume = 1500 cu.ft. _____in³

CG2 Maximum Protected Volume = 1000 cu.ft. ↓ ÷ 1728

Gross Engine Room Volume = _____ft³

Fixed Tank Deductions - Fuel - Water- Waste

Tank Description	Length	Width	Depth			
_____	_____in	_____in	_____in	=_____in³	÷ 1728 =	_____ft³
_____	_____in	_____in	_____in	=_____in³	÷ 1728 = +	_____ft³
_____	_____in	_____in	_____in	=_____in³	÷ 1728 = +	_____ft³

↓

Gross Tank Volume = _____ft³

Gross Engine Room Volume − Gross Tank Volume = Net Engine Room Volume

_____ft³ − _____ft³ = _____ft³

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

Engine Room Area

_____in (D) × _____in (E) = _____in^2 ÷ 144 = _____ft^2

Models 025-300 Maximum Approved Area: 89.3 ft^2
Models 325-700 Maximum Approved Area: 144 ft^2
Models 750-1500 Maximum Approved Area: 303 ft^2

Engine Room Height

_____in (A) ÷ 12 = _____ft

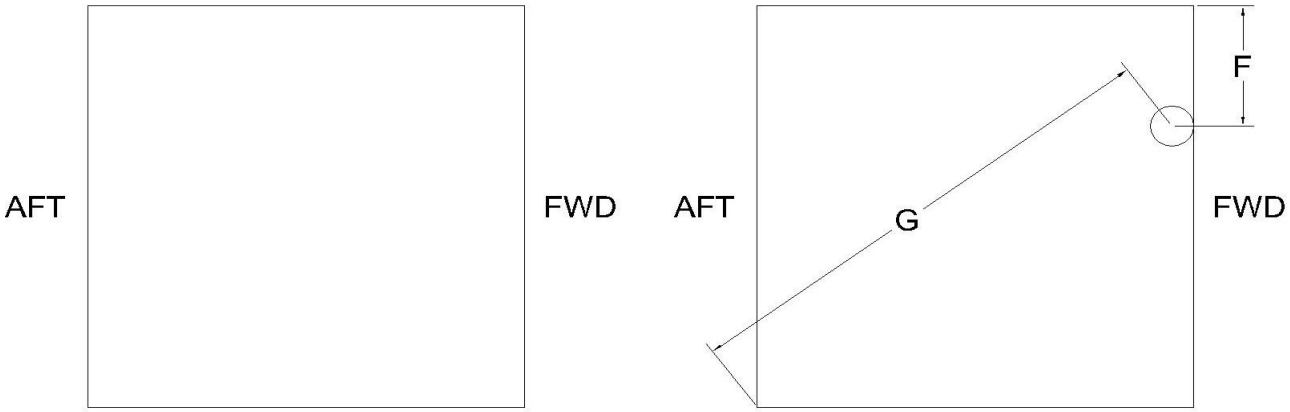
Models 025-300 Approved Ceiling Height: 2.2 ft to 6.3 ft
Models 325-700 Approved Ceiling Height: 3.0 ft to 7.0 ft
Models 750-1500 Approved Ceiling Height: 4.0 ft to 9.0 ft

Discharge Nozzle Height

Distance from ceiling to discharge nozzle _____in

Maximum Approved distance: 20 in

Location of Cylinder



EXAMPLE

Indicate Cylinder Location in blank diagram above

F = Distance to nearest wall (Informational Only) _____ft (F)

G = Distance to furthest corner (Maximum Radial Reach) _____ft (G)

Models 025-300 Maximum Approved Radial Reach (G): 10.6 ft
Models 325-700 Maximum Approved Radial Reach (G): 13.4 ft
Models 750-1500 Maximum Approved Radial Reach (G): 19.4 ft