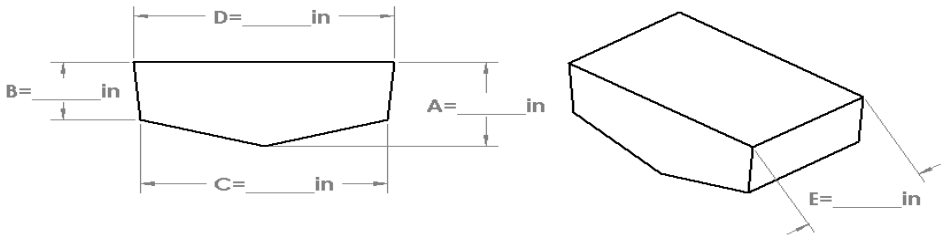
GA1 HFC-227ea ENGINE ROOM WORKSHEET

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) = _____in^2

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

↓

_____in^2

MODEL REQUIRED: _____ × _____in (E)

↓

_____in^3

Additional Volume(s) + _____in^3

↓

GA1 Maximum Protected Volume = 1500 cu.ft. _____in^3

↓ ÷ 1728

Gross Engine Room Volume = _____ft^3

Fixed Tank Deductions - Fuel - Water- Waste

Tank Description	Length	Width	Depth			
_____	_____in	_____in	_____in	=_____in^3	÷ 1728 =	_____ft^3
_____	_____in	_____in	_____in	=_____in^3	÷ 1728 = +	_____ft^3
_____	_____in	_____in	_____in	=_____in^3	÷ 1728 = +	_____ft^3

↓

Gross Tank Volume = _____ft^3

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

_____ft^3 − _____ft^3 = _____ft^3

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 600-1500 Maximum Approved Area: 303 ft^2

Engine Room Height

_____in (A) ÷ 12 = _____ft

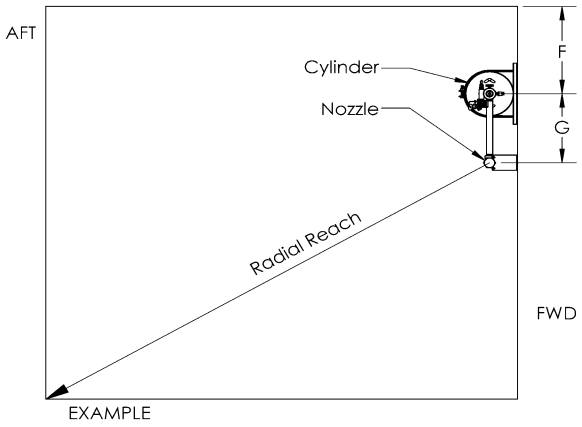
Models 600-1500 Approved Ceiling Height: 4.0 ft to 9.0 ft

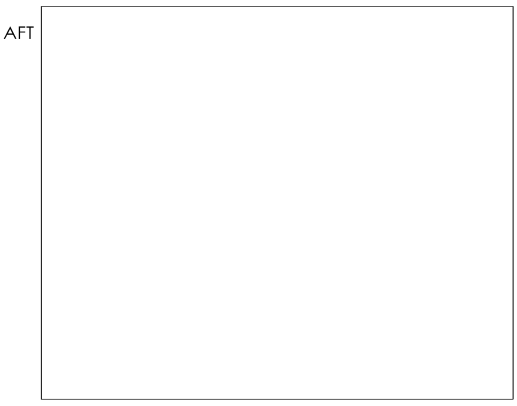
Discharge Nozzle Height

Distance from ceiling to discharge nozzle _____in

Maximum Approved distance: 24 in

Location of Cylinders & Nozzle Configuration





_____in (D)

_____in (E)

Indicate Cylinder Location in blank diagram above

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

Models 600-1500 Maximum Approved Radial Reach: 19.4 ft
Entire Area must be covered by the Radial Reach of the Nozzle

Area Covered (Y/N?) _____

Discharge Piping Lengths

H = Pipe Length between GA1 Valve and Elbow _____in (G)

J = Pipe Length between Elbow and Discharge Nozzle + _____in (H)

= _____in (Total)

Minimum Approved Length: 4 in
Maximum Approved Length: 52 in
Maximum Approved Total Length: 56 in