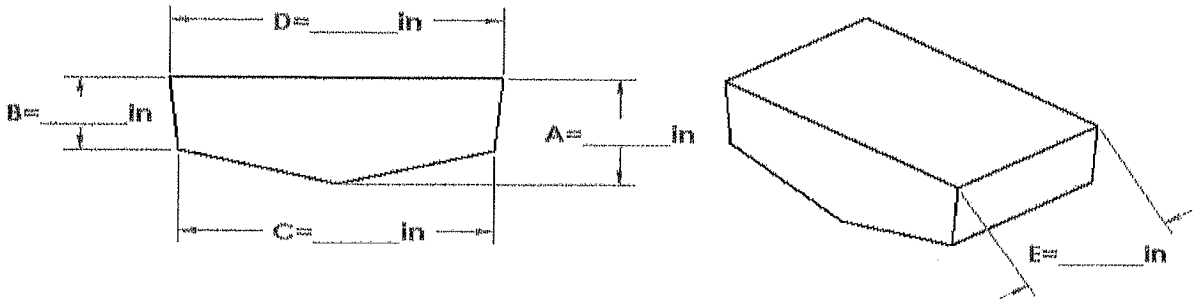
FIREBOY - XINTEX

HULL ENGINE ROOM VOLUME 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 × _____in (B) = + _____in^2

↓

_____in^2

MODEL REQUIRED: _____ × _____in (E)

↓

_____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

ABYC ALLOWS DEDUCTIONS FOR FIXED TANKS 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

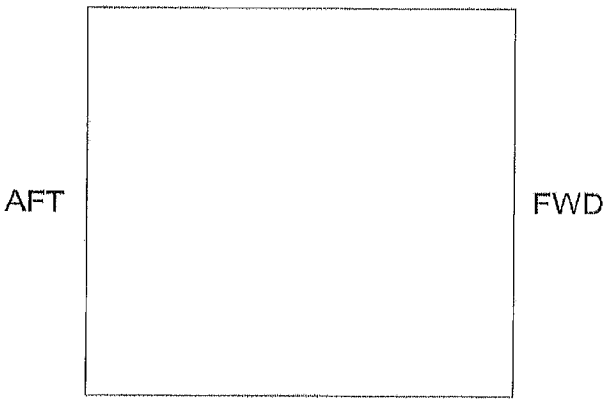
Models 025-300 Approved Ceiling Height: 2.2 ft to 6.3 ft
Models 325-700 Approved Ceiling Height: 3.0 ft to 7.0 ft
Models 750-1500 Approved Ceiling Height: 4.0 ft to 9.0 ft

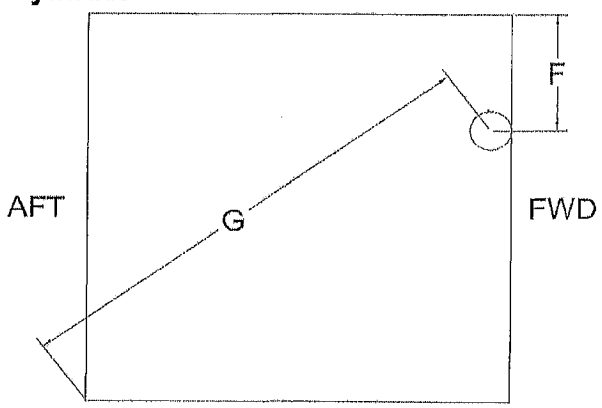
Discharge Nozzle Height

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 _____ ft (F)

"G" = Distance to furthest corner (Maximum Radial Reach) _____ ft (G)

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