

Hydraulic Separators

Submittal Data

HT-30-045

Design Notes

Code..... ASME Code Sec VIII Div 1
 Design Pressure..... 125 psi
 Test Pressure..... 163 psi
 Heads..... 10 Gauge 414G
 Shell..... 10 Gauge 414G
 Interior..... NA
 Exterior..... Primed Painted
 Supports..... 4" Skirt
 Capacity..... 120 Gal.
 Weight..... 310 Lbs.

Material Specifications

Heads..... Carbon Steel
 Shell..... Carbon Steel
 Couplings..... Carbon Steel
 Flanges..... N/A
 Pipe..... N/A
 Manway..... N/A

Mark	Dimension	Remark
A	49"	Overall height
B	30"	Diameter
C	16.75"	Inlet/ Outlet
D	36.25"	Inlet/ Outlet
E	3" NPT	Circulation
G		

NOTES

PROJECT

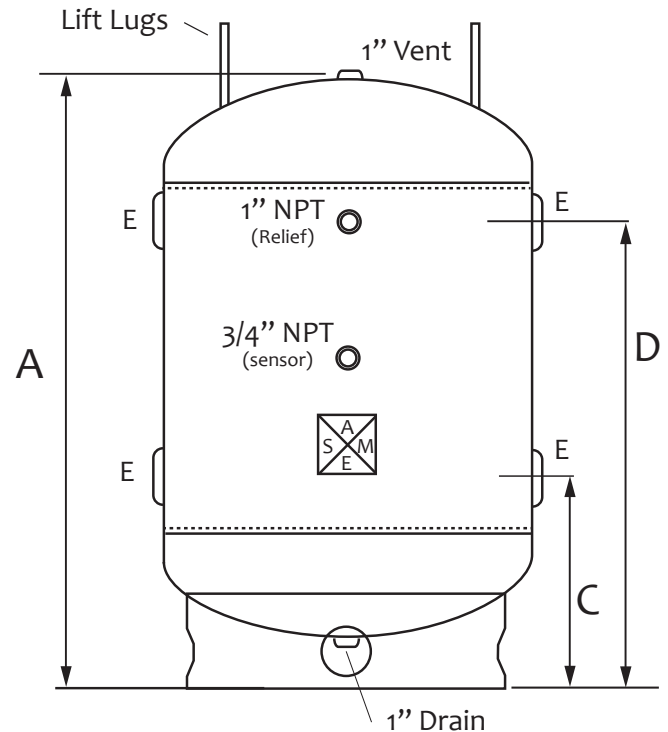
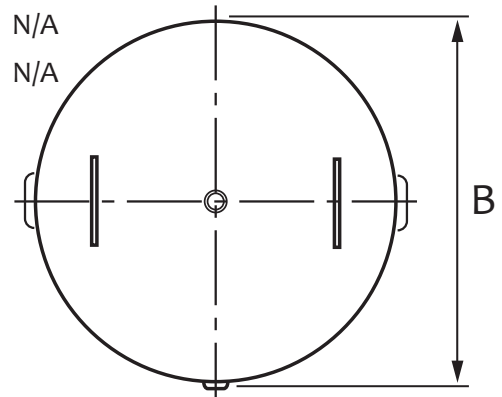
CUSTOMER

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DATE

CUSTOMER P.O. #

DRAWING Rev NO.



Laars Hydraulic Separators are designed for 125 psi (150 optional). Standard sizes range from 120 gallon up to 860 actual gallons. Custom sizes and additional fittings are available.

LAARS
 Heating Systems Company
 A subsidiary of **BRADFORD WHITE** Corporation

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Hydraulic Separators

Submittal Data

HT-30-071

Design Notes

Code..... ASME Code Sec VIII Div 1
 Design Pressure..... 125 psi
 Test Pressure..... 163 psi
 Heads..... 3/16" 414G
 Shell..... 10 Gauge 414G
 Interior..... NA
 Exterior..... Primed Painted
 Supports..... 4" Skirt
 Capacity..... 200 Gal.
 Weight..... 475 Lbs.

Material Specifications

Heads..... Carbon Steel
 Shell..... Carbon Steel
 Couplings..... Carbon Steel
 Flanges..... N/A
 Pipe..... N/A
 Manway..... N/A

Mark	Dimension	Remark
A	75"	Overall height
B	30"	Diameter
C	16.75"	Inlet/ Outlet
D	62.25"	Inlet/ Outlet
E	3" NPT	Circulation
G		

NOTES

PROJECT

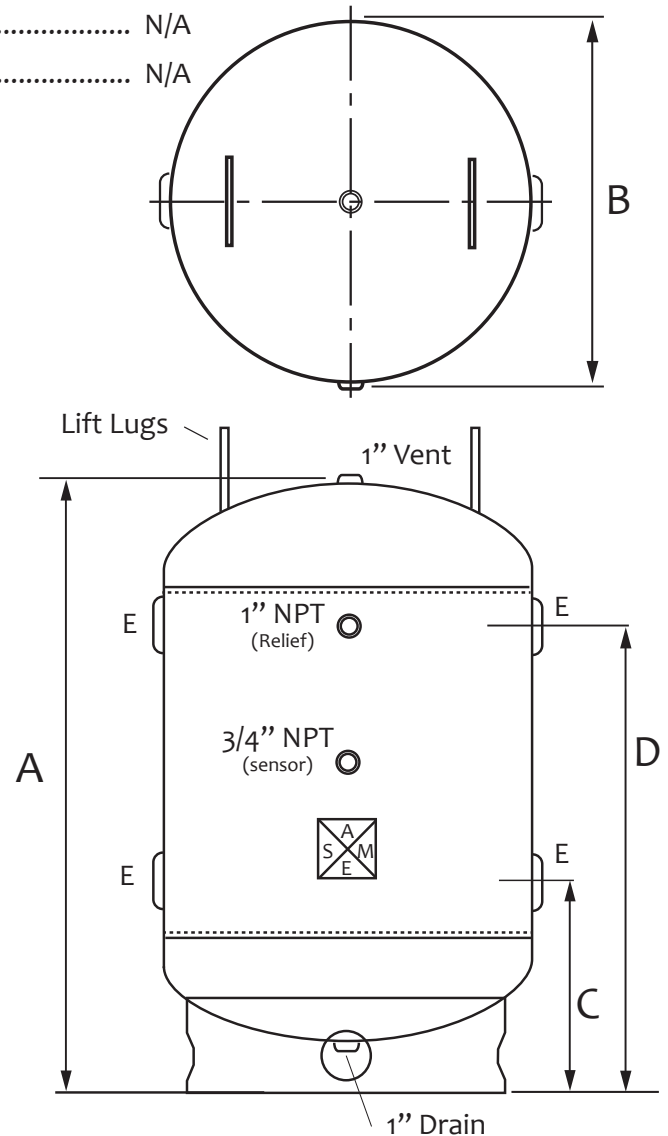
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Hydraulic Separators

Submittal Data

HT-36-072

Design Notes

Code..... ASME Code Sec VIII Div 1
 Design Pressure..... 125 psi
 Test Pressure..... 163 psi
 Heads..... 3/16" 414G
 Shell..... 3/16" 516 Grade 70
 Interior..... NA
 Exterior..... Primed Painted
 Supports..... 4" Skirt
 Capacity..... 285 Gal.
 Weight..... 760 Lbs.

Material Specifications

Heads..... Carbon Steel
 Shell..... Carbon Steel
 Couplings..... Carbon Steel
 Flanges..... N/A
 Pipe..... N/A
 Manway..... N/A

Mark	Dimension	Remark
A	76"	Overall height
B	36"	Diameter
C	24.5"	Inlet/ Outlet
D	55.5"	Inlet/ Outlet
E	4" Flg.	Circulation
G		

NOTES

PROJECT

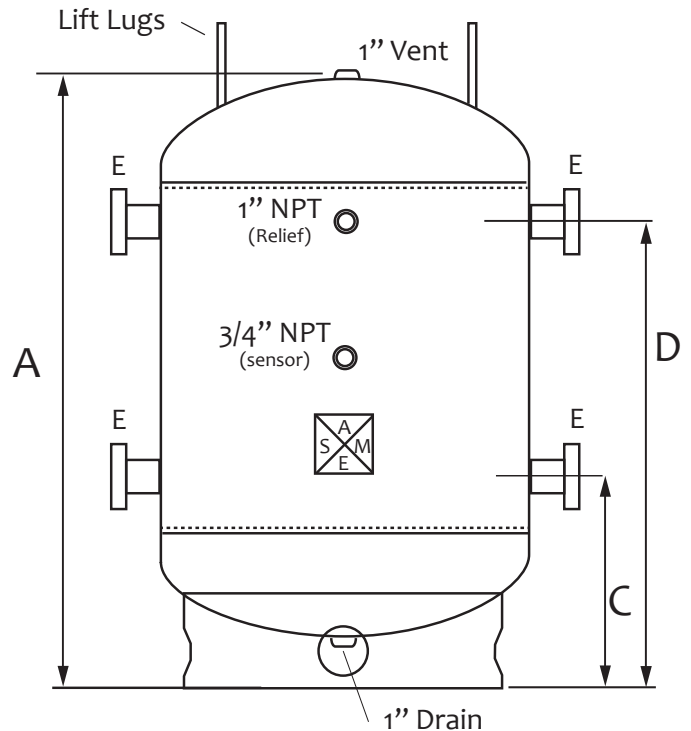
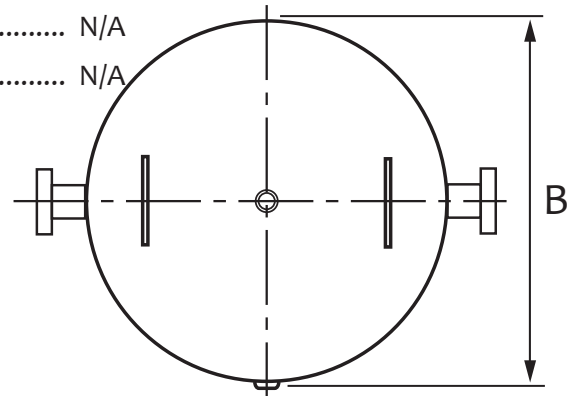
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Hydraulic Separators

Submittal Data

HT-42-072

Design Notes

Code..... ASME Code Sec VIII Div 1
 Design Pressure..... 125 psi
 Test Pressure..... 163 psi
 Heads..... 1/4" 414G
 Shell..... 3/16" 516 Grade 70
 Interior..... NA
 Exterior..... Primed Painted
 Supports..... 4" Skirt
 Capacity..... 385 Gal.
 Weight..... 1080 Lbs.

Material Specifications

Heads..... Carbon Steel
 Shell..... Carbon Steel
 Couplings..... Carbon Steel
 Flanges..... N/A
 Pipe..... N/A
 Manway..... N/A

Mark	Dimension	Remark
A	76"	Overall height
B	42"	Diameter
C	27"	Inlet/ Outlet
D	53"	Inlet/ Outlet
E	4" Flg.	Circulation
G		

NOTES

PROJECT

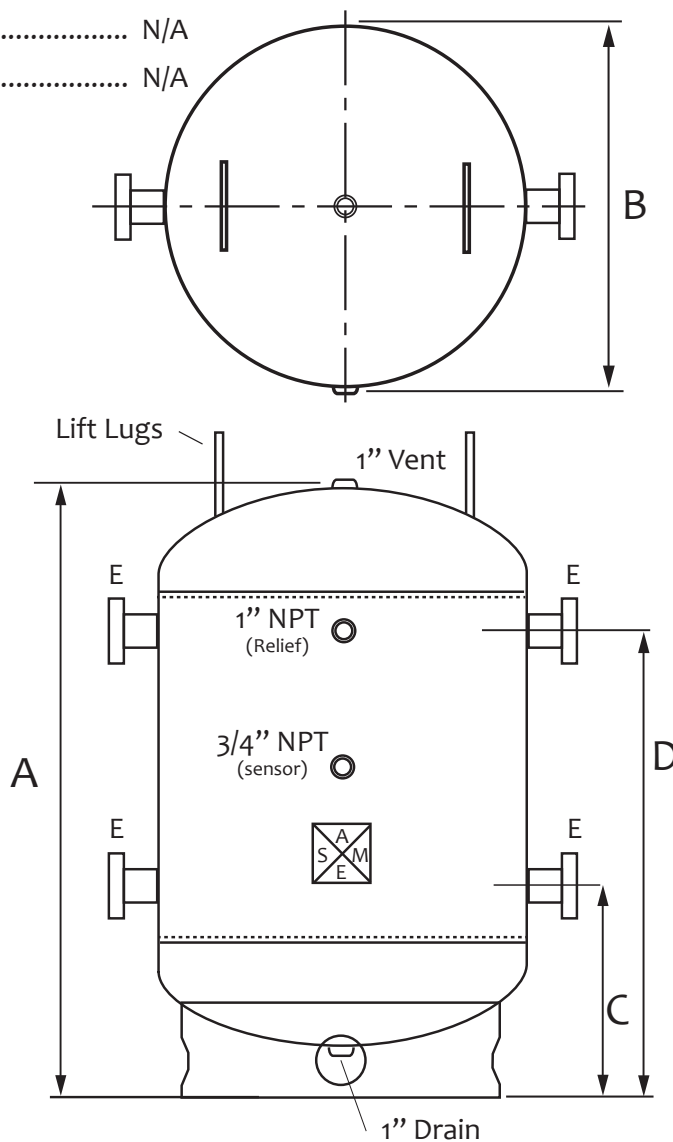
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Hydraulic Separators

Submittal Data

HT-42-083

Design Notes

Code..... ASME Code Sec VIII Div 1
 Design Pressure..... 125 psi
 Test Pressure..... 163 psi
 Heads..... 1/4" 414G
 Shell..... 3/16" 516 Grade 70
 Interior..... NA
 Exterior..... Primed Painted
 Supports..... 4" Skirt
 Capacity..... 450 Gal.
 Weight..... 1350 Lbs.

Material Specifications

Heads..... Carbon Steel
 Shell..... Carbon Steel
 Couplings..... Carbon Steel
 Flanges..... N/A
 Pipe..... N/A
 Manway..... N/A

Mark	Dimension	Remark
A	87"	Overall height
B	42"	Diameter
C	27"	Inlet/ Outlet
D	64"	Inlet/ Outlet
E	4" Flg.	Circulation
G		

NOTES

PROJECT

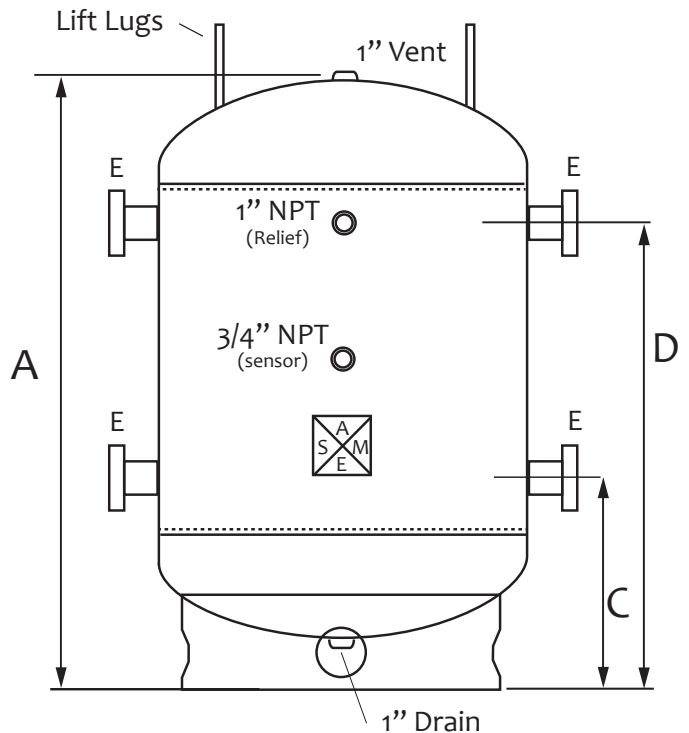
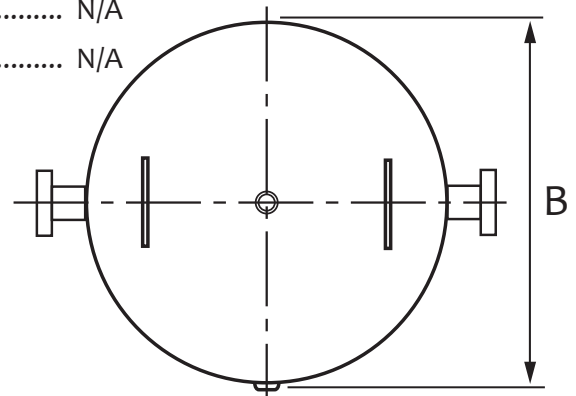
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Hydraulic Separators

Submittal Data

HT-48-096

Design Notes

Code..... ASME Code Sec VIII Div 1
 Design Pressure..... 125 psi
 Test Pressure..... 163 psi
 Heads..... 1/4" 414G
 Shell..... 1/4" 516 Grade 70
 Interior..... NA
 Exterior..... Primed Painted
 Supports..... 4" Skirt
 Capacity..... 675 Gal.
 Weight..... 1790 Lbs.

Material Specifications

Heads..... Carbon Steel
 Shell..... Carbon Steel
 Couplings..... Carbon Steel
 Flanges..... N/A
 Pipe..... N/A
 Manway..... N/A

Mark	Dimension	Remark
A	100"	Overall height
B	48"	Diameter
C	29"	Inlet/ Outlet
D	75"	Inlet/ Outlet
E	4" Flg.	Circulation
G		

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PROJECT

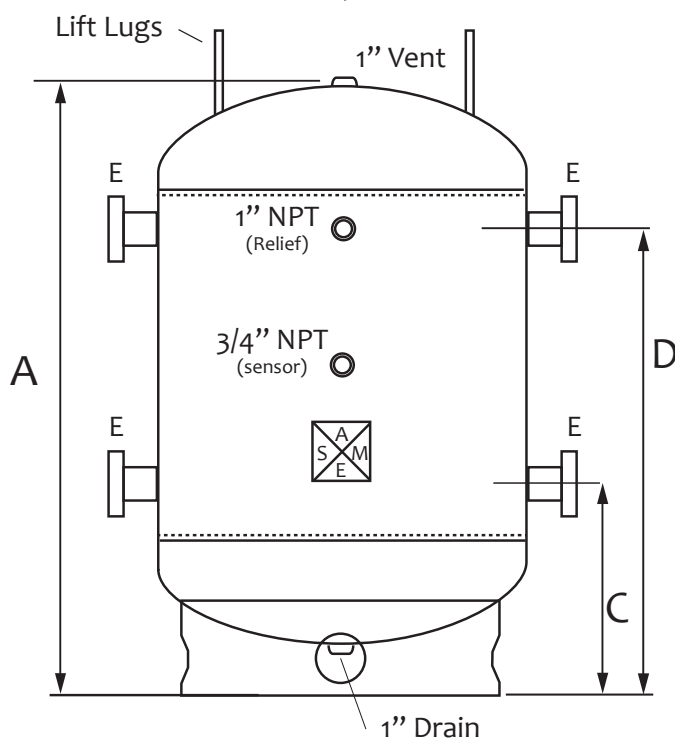
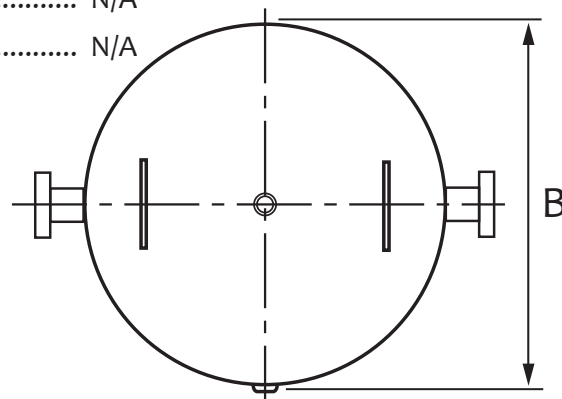
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Hydraulic Separators

Submittal Data

HT-48-120

Design Notes

Code..... ASME Code Sec VIII Div 1
 Design Pressure..... 125 psi
 Test Pressure..... 163 psi
 Heads..... 1/4" 414G
 Shell..... 1/4" 516 Grade 70
 Interior..... NA
 Exterior..... Primed Painted
 Supports..... 4" Skirt
 Capacity..... 860 Gal.
 Weight..... 1925 Lbs.

Material Specifications

Heads..... Carbon Steel
 Shell..... Carbon Steel
 Couplings..... Carbon Steel
 Flanges..... N/A
 Pipe..... N/A
 Manway..... N/A

Mark	Dimension	Remark
A	124"	Overall height
B	48"	Diameter
C	29"	Inlet/ Outlet
D	99"	Inlet/ Outlet
E	4" Flg.	Circulation
G		

NOTES

PROJECT

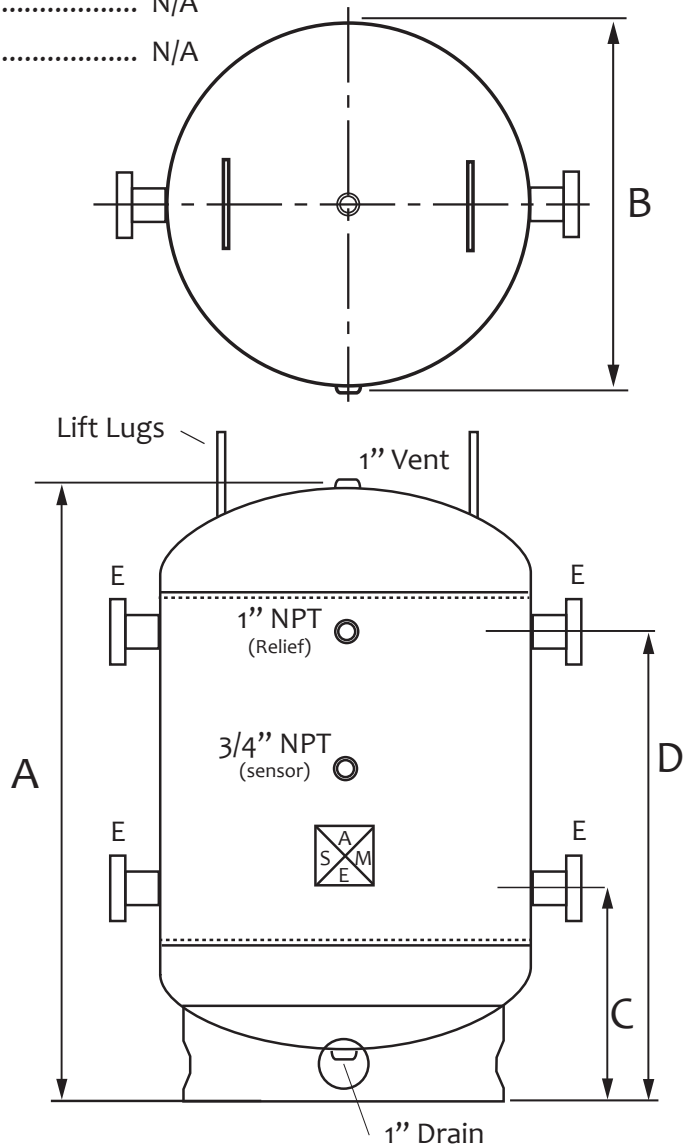
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