

H-7x40 - Hydraulic Separators

H-7x40 Series

Forged Brass Hydraulic Separator

w/ Integral Magnet & Stainless Steel Mesh

Integrated Hose Drain Valve, Air Separator & Filter

Dual Scale Temperature & Pressure Gauge

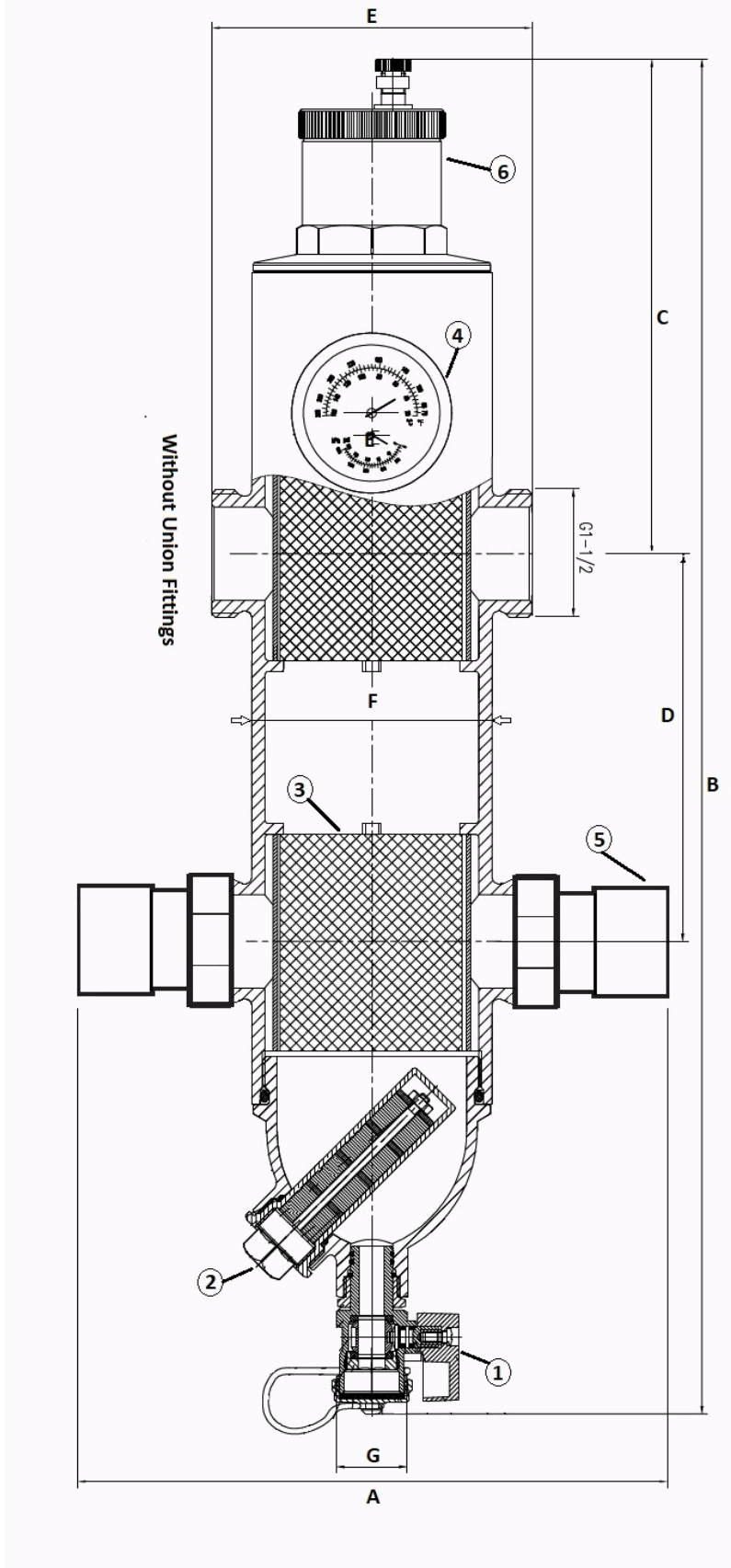
Includes Mounting Hardware



Size (in)	Item#	Weight (lbs)	CTN Qty	Case Qty	A	B	C	D	E	F	G	
FIP												150 PSI CWP Max
1"	H-74404	15.75	1	1	6.60	20.40	7.30	5.70	4.75	3.5	0.75	200°F Max
1 1/4"	H-74405	15.87	1	1	8.39	20.40	7.30	5.70	4.75	3.5	0.75	
1 1/2"	H-74406	15.96	1	1	8.55	20.40	7.30	5.70	4.75	3.5	0.75	
MIP												150 PSI CWP Max
1"	H-72404	15.66	1	1	7.59	20.40	7.30	5.70	4.75	3.5	0.75	200°F Max
1 1/4"	H-72405	15.85	1	1	8.79	20.40	7.30	5.70	4.75	3.5	0.75	
1 1/2"	H-72406	15.96	1	1	8.90	20.40	7.30	5.70	4.75	3.5	0.75	
Press												150 PSI CWP Max
1"	H-78404	15.70	1	1	8.30	20.40	7.30	5.70	4.75	3.5	0.75	200°F Max
1 1/4"	H-78405	15.86	1	1	9.60	20.40	7.30	5.70	4.75	3.5	0.75	
1 1/2"	H-78406	16.13	1	1	10.66	20.40	7.30	5.70	4.75	3.5	0.75	
SWT												150 PSI CWP Max
1 1/4"	H-75405	15.58	1	1	7.06	20.40	7.30	5.70	4.75	3.5	0.75	200°F Max
1"	H-75404	15.59	1	1	7.04	20.40	7.30	5.70	4.75	3.5	0.75	
1 1/2"	H-75406	15.80	1	1	9.07	20.40	7.30	5.70	4.75	3.5	0.75	

REV:9/24/2024





NO.	DESCRIPTION	MATERIAL
1	Rotating Drain Valve	
2	Magnet Bar	
3	Stainless Steel Mesh	
4	Temperature & Pressure Gauge	
5	Union Fitting	
6	Air Vent Head	

Size Selection

Select the hydraulic separator size according to the maximum flow rate required for the larger of either the primary or secondary circuits.

Size	Flow Rate (GPM)	Flow Rate (GPM)	Contained Volume (Gallons)
	with 4 ft/sec velocity	with 6 ft/sec velocity	
1"	10	14	0.6
1 ¼"	16	23	0.6
1 ½"	18	26	0.6

Specifications: Integrated 12,000 gauss magnet collects ferrous debris from system. Threaded (NPT) ends comply with ANSI B1.20.1. Solder joint temperature ratings are per ASME B16.18 Annex A for 95-5 solder. Do not silver braze or overheat valves when soldering. EPDM o-rings for press ends.

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LEAD-FREE: Weighted
average lead content ≤ 0.25%

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WARNING: Cancer and Reproductive
Harm - www.P65Warnings.ca.gov