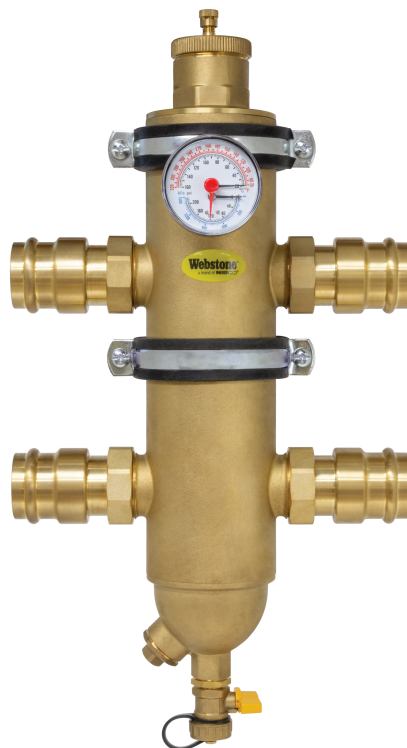


H-7x40 Hydraulic Separators

H-7x40 Series

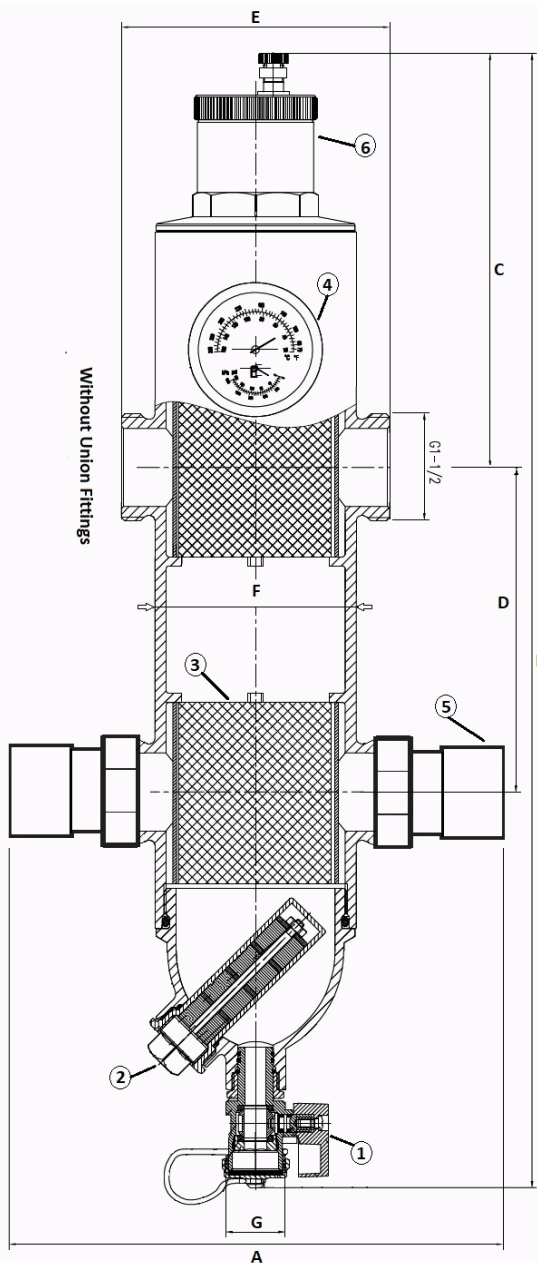
Forged Brass Hydraulic Separator

w/ Integral Magnet & Stainless Steel Mesh
Integrated Hose Drain Valve, Air Separator &
Dual Scale Temperature & Pressure Gauge
Includes Mounting Hardware



	Size (in)	Item#	Max Temp	Pressure Rating	Weight (lbs)	Carton Qty	Case Qty
FIP	1"	H-74404	200°F Max	150 PSI CWP Max	15.75	1	1
	1 1/4"	H-74405	200°F Max	150 PSI CWP Max	15.87	1	1
	1 1/2"	H-74406	200°F Max	150 PSI CWP Max	15.96	1	1
G-Thread	1 1/2"	H-7G406	200°F Max	150 PSI CWP Max	15.22	1	1
MIP	1"	H-72404	200°F Max	150 PSI CWP Max	15.66	1	1
	1 1/4"	H-72405	200°F Max	150 PSI CWP Max	15.85	1	1
	1 1/2"	H-72406	200°F Max	150 PSI CWP Max	15.96	1	1
Press	1"	H-78404	200°F Max	150 PSI CWP Max	15.70	1	1
	1 1/4"	H-78405	200°F Max	150 PSI CWP Max	15.86	1	1
	1 1/2"	H-78406	200°F Max	150 PSI CWP Max	16.13	1	1
SWT	1"	H-75404	200°F Max	150 PSI CWP Max	15.59	1	1
	1 1/4"	H-75405	200°F Max	150 PSI CWP Max	15.58	1	1
	1 1/2"	H-75406	200°F Max	150 PSI CWP Max	15.80	1	1

	Size (in)	Item#	A	B	C	D	E	F	G
FIP	1"	H-74404	6.6	20.4	7.3	5.7	4.75	3.5	0.75
	1 1/4"	H-74405	8.39	20.4	7.3	5.7	4.75	3.5	0.75
	1 1/2"	H-74406	8.55	20.4	7.3	5.7	4.75	3.5	0.75
G-Thread	1 1/2"	H-7G406	4.75	20.4	7.3	5.7	4.75	3.5	0.75
MIP	1"	H-72404	7.59	20.4	7.3	5.7	4.75	3.5	0.75
	1 1/4"	H-72405	8.79	20.4	7.3	5.7	4.75	3.5	0.75
	1 1/2"	H-72406	8.9	20.4	7.3	5.7	4.75	3.5	0.75
Press	1"	H-78404	8.3	20.4	7.3	5.7	4.75	3.5	0.75
	1 1/4"	H-78405	9.6	20.4	7.3	5.7	4.75	3.5	0.75
	1 1/2"	H-78406	10.66	20.4	7.3	5.7	4.75	3.5	0.75
SWT	1"	H-75404	7.04	20.4	7.3	5.7	4.75	3.5	0.75
	1 1/4"	H-75405	7.06	20.4	7.3	5.7	4.75	3.5	0.75
	1 1/2"	H-75406	9.07	20.4	7.3	5.7	4.75	3.5	0.75



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

Specifications: Integrated 12,000 gauss magnet collects ferrous debris from system. Designed for use with water, oil, glycol mix in residential or commercial heating systems. This valve is actuated by a blowout proof stem. Threaded 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. G-threaded bodies require matching G-union fitting for installation. EPDM o-rings for press ends.

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 1/4"	16	23	0.6
1 1/2"	18	26	0.6