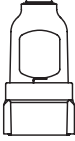
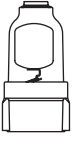
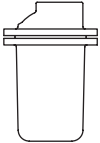
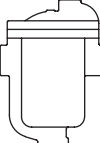
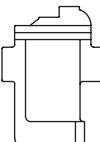
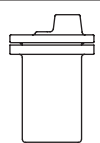
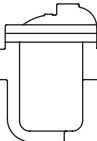
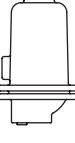
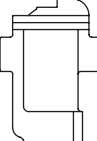

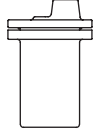

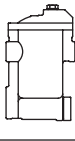
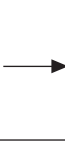
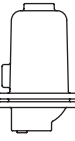



# Liquid Drainers ID Charts

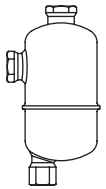

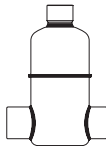

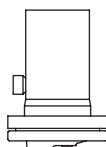

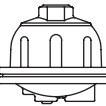

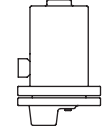

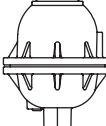

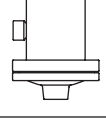

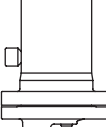

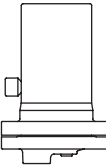

Armstrong Liquid Drainers															
Illustration	Type	Flow Direction	Connection Type	Max. Allow. Press. psig	TMA °F	Body Material	Model	Max. Oper. Press. psig	Connection Size						Located on Page
									1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	
	<b>Series 1-LDC</b> See-Thru Free Floating Lever Drain Traps Capacities to <b>1,500</b> lb/hr		Screwed	150	150	Nylon Cap Polysulfone Body	<b>1-LDC</b>	150	●	★★					502
	<b>Series 1-LDCW</b> See-Thru Free Floating Lever Drain Traps for Ozone Applications		Screwed	150	150	PBT Cap (Polybutylene Terephthalate) Polysulfone Body	<b>1-LDCW</b>		▲	★★					505
	<b>Series 200 BVSW</b> Inverted Bucket Drain Traps Capacities to <b>7,000</b> lb/hr		Screwed	250	450	ASTM A48 Class 30 Cast Iron	<b>211</b> <b>212</b> <b>213</b>	250	●	●					506
	<b>Series 800 BVSW</b> Inverted Bucket Drain Traps Capacities to <b>7,000</b> lb/hr		Screwed	250	450	ASTM A48 Class 30 Cast Iron	<b>800</b> <b>811</b> <b>812</b> <b>813</b>	150 250 250 250	●	●	●				506
	<b>Series 880 BVSW</b> Inverted Bucket Drain Traps Capacities to <b>7,000</b> lb/hr		Screwed	250	450	ASTM A48 Class 30 Cast Iron	<b>880</b> <b>881</b> <b>882</b> <b>883</b>	150 250 250 250	●	●	●				506
	<b>Series 300 BVSW</b> Inverted Bucket Drain Traps Capacities to <b>7,000</b> lb/hr		Screwed Socketweld Flanged†	600 1,080	650 650	ASTM A105 Forged Steel	<b>312</b> <b>313</b>	600	●	●	●				506
	<b>Series 900 BVSW</b> Inverted Bucket Drain Traps Capacities to <b>7,000</b> lb/hr		Screwed Socketweld Flanged†	600	650	ASTM A216 WCB Cast Steel	<b>981</b> <b>983</b>	300 600	●	●	●				509
	<b>Series 1, 2, 3, 6</b> Free Floating Lever Drain Traps Capacities to <b>49,000</b> lb/hr		Screwed	300 250	200 450	ASTM A48 Class 30 Cast Iron	<b>1-LD</b> <b>2-LD</b> <b>3-LD</b> <b>6-LD</b>	300 250	★ ●	●	●			●	509

★ 1/4" outlet connection  
 ★★ 1/2" outlet connection  
 † Flange selection may limit pressure and temperature rating.  
 †† Side connection not available.

Liquid Drainers



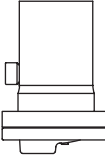

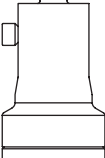

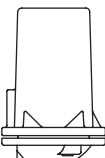

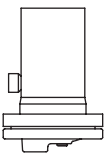

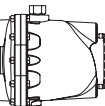

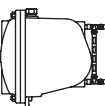

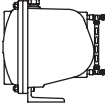

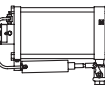

# Armstrong® Liquid Drainers ID Charts

Armstrong Liquid Drainers															
Illustration	Type	Flow Direction	Connection Type	Max. Allow. Press. psig	TMA °F	Body Material	Model	Max. Oper. Press. psig	Connection Size						Located on Page
									1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	
	Series 11, 22, 13 Free Floating Lever Drain Traps  Capacities to <b>9,500</b> lb/hr		Screwed Socketweld	500 or 440	100 or 500	304-L Stainless Steel	11-LD††	400	●	★ ★				510	
				600 or 475	100 or 500		22-LD	533		●					
				570 or 490	100 or 500		13-LD	570			●				
	180-LD/181-LD Free Floating Lever Drain Traps  Capacities to <b>1,100</b> lb/hr		Screwed Socketweld	500 or 440	100 or 500	304L Stainless Steel	180-LD	229	●				512		
							181-LD	350		●					
	Series 30 Free Floating Lever Drain Traps  Capacities to <b>42,000</b> lb/hr		Screwed Socketweld Flanged†	600 or 500	100 or 750	ASTM A105 Forged Steel	32-LD	600	●	●	●		511		
				1,000 or 600	100 or 750		33-LD	900	●	●	●				
				1,000 or 600	100 or 750		36-LD	1,000			●	●			
	Series 21 Fixed Pivot Drain Trap  Capacities to <b>2,700</b> lb/hr		Screwed	250	450	ASTM A48 Class 30 Cast Iron	21	250	●	●			514		
	Series 21-312 Fixed Pivot Drain Traps  Capacities to <b>3,900</b> lb/hr		Screwed Socketweld Flanged†	600 or 500	100 or 750	ASTM A105 Forged Steel	21-312	74	●	●	●				
	Series 21-312V Fixed Pivot Drain Traps  Capacities to <b>3,900</b> lb/hr		Screwed Socketweld Flanged†	600 or 500	100 or 750	ASTM A105 Forged Steel	21-312V	600	●	●	●				
	Series 71-A Snap Action Drain Trap  Capacities to <b>1,950</b> lb/hr		Screwed	250	450	ASTM A48 Class 30 Cast Iron	71-A	250		●	●				
	Series 71-315 Snap Action Drain Trap  Capacities to <b>1,950</b> lb/hr		Screwed Socketweld Flanged†	1,000 or 600	100 or 750	ASTM A105 Forged Steel	71-315	1,000		●	●	●			
	Series 2300 High Leverage Spring-Loaded Float Type Drain Trap  Capacities to <b>14,500</b> lb/hr		Screwed Socketweld Flanged†	1,000 or 600	100 or 750	ASTM A105 Forged Steel	2313-HLS 2315-HLS 2316-HLS	1,000	●	●	●	●	●	516	

† Flange selection may limit pressure and temperature rating.

Liquid Drainers

# Liquid Drainers ID Charts

Armstrong Liquid Drainers																	
Illustration	Type	Flow Direction	Connection Type	Max. Allow. Press. psig	TMA °F	Body Material	Model	Max. Oper. Press. psig	Connection Size							Located on Page	
									1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"		3"
	<b>Series 2400</b> High Leverage Spring-Loaded Float Type Drain Traps Capacities to <b>16,250</b> lb/hr		Screwed Socketweld Flanged†	1,500 or 900	100 or 850	ASTM A182 Gr. F22 Forged Steel	<b>2413-HLS</b>	1,500	●	●	●						516
				1,800 or 900	100 or 900		<b>2415-HLS</b>	1,800			●	●				516	
							<b>2416-HLS</b>	1,800			●	●					
	<b>Series 2500/2600</b> High Leverage Spring-Loaded Float Type Drain Traps Capacities to <b>11,000</b> lb/hr		Screwed Socketweld Flanged†	2,120 or 1,700	100 or 900	ASTM A182 Gr. F22 Forged Steel	<b>25133G HLS</b>	2,120		●	●	●					516
				2,520 or 2,000	100 or 900		<b>25155G HLS</b>	2,520			●	●	●				
				3,700 or 3,000	100 or 900		<b>26155G HLS</b>	3,700			●	●					
	<b>Series 2, 3, 6</b> Free Floating Lever Dual Gravity Drain Traps Capacities to <b>40,000</b> lb/hr		Screwed			ASTM A48 Class 30 Cast Iron	<b>2-DG</b>	190	●	●						518	
							<b>3-DG</b>	250		●	●						
							<b>6-DG</b>	250				●	●				
	<b>Series 30</b> Free Floating Lever Dual Gravity Drain Traps Capacities to <b>40,000</b> lb/hr		Screwed Socketweld Flanged†	600 or 500	100 or 750	ASTM A105 Forged Steel	<b>32-DG</b>	325	●	●	●					518	
				1,000 or 600	100 or 750		<b>33-DG</b>	700		●	●						
				1,000 or 600	100 or 750		<b>36-DG</b>	1,000				●	●				
	<b>Series JD&amp;KD</b> Ultra-Capacity Drain Traps Capacities to <b>302,000</b> lb/hr		Screwed			ASTM A395 Ductile Iron	<b>JD8</b>	300*						●		520	
							<b>KD8</b>							●			
							<b>KD10</b>								●		
							<b>KD12</b>										●
	<b>Series L&amp;M</b> Ultra-Capacity Drain Traps Capacities to <b>700,000</b> lb/hr		Screwed			ASTM A48 Class 30 Cast Iron	<b>L8</b>	250*						●		520	
							<b>L10</b>								●		
							<b>M12</b>										●
	<b>Series LS&amp;MS</b> Ultra-Capacity Drain Traps Capacities to <b>700,000</b> lb/hr		Screwed Socketweld Flanged†			ASTM A216 WCB Cast Steel	<b>LS8</b>	450*						●		520	
							<b>LS10</b>								●		
							<b>MS12</b>										●
	<b>ADP-1</b> Pneumatically Operated Liquid Drainer Capacities to 1.5 lb liquid per cycle		Screwed	180	150	Aluminum ASTM B221 6061-T6511	<b>ADP-1</b>	180		●						524	

\*For different specific gravities, see table LD-33 on page LD-49.

†Flange selection may limit pressure and temperature rating.

Designs, materials, weights and performance ratings are approximate and subject to change without notice. Visit [armstronginternational.com](http://armstronginternational.com) for up-to-date information.