Name	Difficulty	Load Flask	Output Speeds	Minimum Vacuum	Bore	Trap Requirement	Resolution	General Usage
SPD-1 Legacy	Easy Novice	2 liter	500-1000ml per hr Low rate with hose. Fast rate with laminar.	E2M28/30 or E2M28/30 + Volatiles pump	Thermometer: 14/20 Inlet: 24/40 Discharge: 24/40	#24 Monocow->CT-1 Basic(2L) #24 Laminar Path->CT-1 #34(2L) #24 Valve LP->CT-1 #34(2L)	Med-High	The most basic legacy system offered. Easy operation, forgiving with mistakes. Can be used with any distillation.
SPD-2 FC34	Easy Novice	2 liter 5 liter	500-2000ml per hr Low rate with hose. Fast rate with laminar.	E2M28/30 or E2M28/30 + Volatiles pump	Thermometer: 24/40 Inlet: 34/45 Discharge: 29/42	#29 Monocow->CT-1 Basic(2-5L) #29 Laminar Path->CT-1 #34(2-5L) #29 Valve LP->CT-1 #34(2-5L)	Med-High	The most basic fraction collecting system offered. This is a smaller head that solved higher volume/output with novice users. Easy operation, forgiving with mistakes. Can be used with any distillation.
SPD-6 FC45 Tall	Easy Skilled novice	5 liter 12 liter 22 liter	1000-3000ml per hr Low rate with hose. Fast rate with laminar. will exceed rates with apollo sweep.	5L - E2M28/30 + Volatiles pump 12/22L - Dual E2M28/30 + Volatiles pump or Diffusion pump array	Thermometer: 24/40 Inlet: 45/50 Discharge: 29/42	#29 Laminar->One CT-2 INV CUP(2-5L) #29 Laminar->Dual CT-2 INV CUP(5-22L) #29 Valve LP->Dual CT-2 INV CUP(5-22L)	Med-High	This system offers the fastest/highest potency distillation with clarity unmatched in the industry. This is the third series introduced with fraction collector technology. Stream- lined operation, requires skilled user. Should be used with greener/gummier material of poor or questionable crude.
SPD-6 FC45 Shorty	Easy Skilled moderate	5 liter 12 liter 22 liter	1000-3000ml per hr Low rate with hose. Fast rate with laminar. will exceed rates with apollo sweep.	5L - E2M28/30 + Volatiles pump 12/22L - Dual E2M28/30 + Volatiles pump or Diffusion pump array	Thermometer: 24/40 Inlet: 45/50 Discharge: 29/42	#29 Laminar->One CT-2 INV CUP(2-5L) #29 Laminar->Dual CT-2 INV CUP(5-22L) #29 Valve LP->Dual CT-2 INV CUP(5-22L)	Med-High	This system offers the fastest/highest potency distillation with clarity unmatched in the industry. This is the third series introduced with fraction collector technology. Stream- lined operation, requires skilled user. Should be used with
SPD-6 FC45 Nano	Easy Skilled moderate	5 liter 12 liter 22 liter	1000-3000ml per hr Low rate with hose. Fast rate with laminar. will exceed rates with apollo sweep.	5L - E2M28/30 + Volatiles pump 12/22L - Dual E2M28/30 + Volatiles pump or Diffusion pump array	Thermometer: 24/40 Inlet: 45/50 Discharge: 29/42	#29 Laminar->One CT-2 INV CUP(2-5L) #29 Laminar->Dual CT-2 INV CUP(5-22L) #29 Valve LP->Dual CT-2 INV CUP(5-22L)	Low-Med-High	greener/gummier material of poor or questionable crude. This system offers the fastest/highest potency distillation with clarity unmatched in the industry. This is the third series introduced with fraction collector technology. Stream- lined operation, requires skilled user. Should be used with greener/gummier material of poor or questionable crude.
SPD-6 FC55 Tall	Easy Skilled novice	5 liter 12 liter 22 liter	1000-4000ml per hr Low rate with hose. Fast rate with laminar. will exceed rates with apollo sweep.	5L - E2M28/30 + Volatiles pump 12/22L - Dual E2M28/30 + Volatiles pump or Diffusion pump array	Thermometer: 34/45 Inlet: 55/50 Discharge: 34/45	#34 Laminar->Dual CT-2 INV CUP(5-22L) #34 Valve LP->Dual CT-2 INV CUP(5-22L)	Med-High	This system offers the fastest/highest potency distillation with clarity unmatched in the industry. This is the fourth series introduced with fraction collector technology. Stream- lined operation, requires skilled user. Should be used with greener/gummier material of poor or questionable crude.
SPD-6 FC55 Shorty	Easy Skilled moderate	5 liter 12 liter 22 liter	1000-4000ml per hr Low rate with hose. Fast rate with laminar. will exceed rates with apollo sweep.	5L - E2M28/30 + Volatiles pump 12/22L - Dual E2M28/30 + Volatiles pump or Diffusion pump array	Thermometer: 34/45 Inlet: 55/50 Discharge: 34/45	#34 Laminar->Dual CT-2 INV CUP(5-22L) #34 Valve LP->Dual CT-2 INV CUP(5-22L)	Med-High	This system offers the fastest/highest potency distillation with clarity unmatched in the industry. This is the fourth series introduced with fraction collector technology. Stream- lined operation, requires skilled user. Should be used with greener/gummier material of poor or questionable crude.
SPD-6 FC55 Nano	Easy Skilled moderate	5 liter 12 liter 22 liter	1000-4000ml per hr Low rate with hose. Fast rate with laminar. will exceed rates with apollo sweep.	5L - E2M28/30 + Volatiles pump 12/22L - Dual E2M28/30 + Volatiles pump or Diffusion pump array	Thermometer: 34/45 Inlet: 55/50 Discharge: 34/45	#34 Laminar->Dual CT-2 INV CUP(5-22L) #34 Valve LP->Dual CT-2 INV CUP(5-22L)	Low-Med-High	This system offers the fastest/highest potency distillation with clarity unmatched in the industry. This is the fourth series introduced with fraction collector technology. Stream- lined operation, requires skilled user. Should be used with greener/gummier material of poor or questionable crude.
SPD-4 MPD Modified Path Distillation Bertha	Medium Skilled expert	5 liter 12 liter 22 liter	1000-6000ml per hr Will exceed rates with apollo sweep.	5/12/22L - Dual E2M28/30 + Volatiles pump or Diffusion pump array	Flange Inlet: 100mm Flange O-Ring 100mm Discharge: 34/45	#34 Laminar->Dual CT-2 INV CUP(5-22L) #34 Valve LP->Dual CT-2 INV CUP(5-22L)	Med-High-Fine	This system offers first of its kind multi-pathway distillation chamber technology. Dual vapor fractionation pathways with a built in key. Suggested use with less sensitive compounds. This is the series where the fraction collector was first used on high speed flange heads. Advanced operation, requires expert knowledge. Should be used with poor-medi- um-good-great crude, remediate as needed.
SPD-4 MPD Modified Path Distillation HB-1	Medium Skilled expert	5 liter 12 liter 22 liter	1000-6000ml per hr Will exceed rates with apollo sweep.	5/12/22L - Dual E2M28/30 + Volatiles pump or Diffusion pump array	Flange Inlet: 100mm Flange O-Ring 100mm Discharge: 34/45	#34 Laminar->Dual CT-2 INV CUP(5-22L) #34 Valve LP->Dual CT-2 INV CUP(5-22L)	High-Fine	This system offers extremely high speeds and high refine- ment at ultra low vacuum >1u. The 'donut bore' & 'no-vig' pathway with fraction collector offer excellent distillations/- clarity. Suggested use with all compounds.The 6L per hour head that broke the existing Summit record with Breaking- dabs (user dev). Advanced operation, requires expert knowl- edge. Should be used with poor-medium-good-great crude, remediate as needed.
SPD-4 MPD Modified Path Distillation HB-2	Medium Skilled expert	5 liter 12 liter 22 liter	1000-6000ml per hr Will exceed rates with apollo sweep.	5/12/22L - Dual E2M28/30 + Volatiles pump or Diffusion pump array	Flange Inlet: 100mm Flange O-Ring 100mm Discharge: 34/45	#34 Laminar->Dual CT-2 INV CUP(5-22L) #34 Valve LP->Dual CT-2 INV CUP(5-22L)	High-Fine	This system mirrors our multi-pathway distillation chamber technology. Reverse ball vapor bump trap pathway with a removable key, rejection shelf and fraction collector. Sug- gested use with all compounds. The 6L per hour head that broke the existing Summit record with Breakingdabs (user dev). Advanced operation, requires expert knowledge. Should be used with poor-medium-good-great crude, reme- diate as needed.
SPD-7 USPD Ultra Short Path Distillation	Medium Skilled jedi level	22 liter	1000-10,000ml per hr Will exceed rates with apollo sweep.	22L - Diffusion pump array	Inlet: 55/50 Discharge: 29/42 Outlet: 55/50 Vacuum Guage Port: 24/40	CT-USPD Triple Coil Assembly->Dual CT-2 INV CUP(22L)	Med-High-Fine	This is the most advanced shortpath. All users are vetted prior to purchase. You must have advanced distillation knowledge. Ultra low vacuum pumps required. High accura- cy gauges required. This is the lowest temp head available on the market, and the fastest head ever produced. Expert user developement with WholeFarm.
SPD-7.1 USPD Ultra Short Path Distillation Micro	Difficult Skilled expert	5 liter	1000-5000ml per hr Will exceed rates with apollo sweep.	5L - Dual E2M28/30 + Volatiles pump or Diffusion pump array	Inlet: 45/50 Discharge: 29/42 Outlet: 45/50 Vacuum Guage Port: 24/40	CT-USPD Micro Dual Coil Assembly->One CT-2 INV CUP(5L) Assembly->Dual CT-2 INV CUP(5L)	Med-High-Fine	This is the most advanced shortpath. All users are vetted prior to purchase. You must have advanced distillation knowledge. Ultra low vacuum pumps required. High accura- cy gauges required. This is the lowest temp head available on the market, and the fastest head ever produced. Expert user developement with WholeFarm.
SPD-6 FC71 Shorty	Easy Skilled moderate	5 liter 12 liter 22 liter 50 liter	1000-5000ml per hr Low rate with hose. Fast rate with laminar. will exceed rates with apollo sweep.	5L - E2M28/30 + Volatiles pump 12/22L - Dual E2M28/30 + Volatiles pump or Diffusion pump array	Thermometer: 34/45 Inlet: 71/60 Discharge: 34/45	#34 Laminar->Dual CT-2 INV CUP(5-22L) #34 Valve LP->Dual CT-2 INV CUP(5-22L)	Med-High	Largest traditional Fraction Collecting head. This system offers the fastest/highest potency distillation with clarity un- matched in the industry. This is the fifth series introduced with fraction collector technology. Streamlined operation, re- quires skilled user.
SPD-4 MPD HB1 Halo 100mm	Medium Skilled expert	5 liter 12 liter 22 liter	1000-6000ml per hr Will exceed rates with apollo sweep.	5/12/22L - Dual E2M28/30 + Volatiles pump or Diffusion pump array	Flange Inlet: 100mm Flange O-Ring 100mm Discharge: 34/45	#34 Laminar->Dual CT-2 INV CUP(5-22L) #34 Valve LP->Dual CT-2 INV CUP(5-22L)	Med-High-Fine	This system offers extremely high speeds and high refine- ment at ultra low vacuum >1u. The 'donut bore' & 'no-vig' pathway with fraction collector offer excellent distillations /clarity. Added Halo for supercharging speeds and con- trolling collection chamber surface temp. Advanced opera- tion, requires expert knowledge. Should be used with poor-medium-good-great crude, remediate as needed.
SPD-4 MPD HB2 Halo 100mm	Medium Skilled expert	5 liter 12 liter 22 liter	1000-6000ml per hr Will exceed rates with apollo sweep.	5/12/22L - Dual E2M28/30 + Volatiles pump or Diffusion pump array	Thermometer: 45/50 Flange Inlet: 100mm Flange O-Ring 100mm Discharge: 34/45	#34 Laminar->Dual CT-2 INV CUP(5-22L) #34 Valve LP->Dual CT-2 INV CUP(5-22L)	Med-High-Fine	This system mirrors our multi-pathway distillation chamber technology. Reverse ball vapor bump trap pathway with a removable key, rejection shelf and fraction collector. Added Halo technology for controlling collection chamber surface temp. Advanced operation, requires expert knowledge. Should be used with poor-medium-good-great crude, remediate as needed.
SPD-8 FC55	Difficult Skilled expert	2 liter 5 liter 12 liter 22 liter	1000-6000ml per hr Low rate with hose. Fast rate with laminar. Will exceed rates with apollo sweep.	5L - E2M28/30 + Volatiles pump 12/22L - Dual E2M28/30 + Volatiles pump or Diffusion pump array	Thermometer: 45/50 Inlet: 55/50 Discharge: 34/45	#34 Laminar->Dual CT-2 INV CUP(5-22L) #34 Valve LP->Dual CT-2 INV CUP(5-22L)	Med-High	The SPD-8 series heads are the fastest on the market. These low temp, high speed heads have multi-zone thermal technology to control vapor molecules and rush them to the fraction collecting area. The most temperature control you can have in any head.
SPD-8 100mm	Difficult Skilled expert	5 liter 12 liter 22 liter	1000-8,000ml per hr Will exceed rates with apollo sweep.	5/12/22L - Dual E2M28/30 + Volatiles pump or Diffusion pump array	Thermometer: 45/50 Flange Inlet: 100mm Flange O-Ring 100mm Discharge: 34/45	#34 Laminar->Dual CT-2 INV CUP(5-22L) #34 Valve LP->Dual CT-2 INV CUP(5-22L)	Med-High	The SPD-8 series heads are the fastest on the market. These low temp, high speed heads have multi-zone thermal technology to control vapor molecules and rush them to the fraction collecting area. The most temperature control you can have in any head. SPD-8 heads have near zero rejection.
SPD-5 AS100	Difficult Skilled expert	5 liter 12 liter 22 liter	Up to 6,000ml per hr Will exceed rates with apollo sweep.	5/12/22L - Dual E2M28/30 + Volatiles pump or Diffusion pump array	Thermometer: 45/50 Inlet: 100mm Discharge: 34/45	#34 Laminar->Dual CT-2 INV CUP(5-22L) #34 Valve LP->Dual CT-2 INV CUP(5-22L)	Low-Med-High	Dual wall pathway head to avoid popping of fluid entering fraction collecting shelf. Removable key. Suggested use with all compounds. Advanced operation, requires expert knowl- edge. Should be used with poor-medium-good-great crude, remediate as needed.
SPD-4 HB1 Halo 150mm	Medium Skilled expert	12 liter 22 liter 50 liter	1000-8,000ml per hr Will exceed rates with apollo sweep.	5/12/22L - Dual E2M28/30 + Volatiles pump or E2M80 w/ Blower or Diffusion pump array	Inlet: 150mm Discharge: 34/45	CT-3 Shorty #34 Laminar->Dual CT-2 INV CUP(5-22L) #34 Valve LP->Dual CT-2 INV CUP(5-22L) Discharge Pump Option	Med-High-Fine	This system offers extremely high speeds and high refine- ment at ultra low vacuum >1u. The 'donut bore' & 'no-vig' pathway with fraction collector offer excellent distillations /clarity. Added Halo for supercharging speeds and con- trolling collection chamber surface temp. Advanced opera- tion, requires expert knowledge. Should be used with poor-medium-good-great crude, remediate as needed.
SPD-4 HB2 Halo 150mm	Medium Skilled expert	12 liter 22 liter 50 liter	1000-8,000ml per hr Will exceed rates with apollo sweep.	5/12/22L - Dual E2M28/30 + Volatiles pump or E2M80 w/ Blower or Diffusion pump array	Thermometer: 45/50 Inlet: 150mm Discharge: 34/45	CT-3 Shorty #34 Laminar->Dual CT-2 INV CUP(5-22L) #34 Valve LP->Dual CT-2 INV CUP(5-22L) Discharge Pump Option	Med-High-Fine	 This system mirrors our multi-pathway distillation chamber technology. Reverse ball vapor bump trap pathway with a removable key, rejection shelf and fraction collector. Added Halo technology for controlling collection chamber surface temp. Advanced operation, requires expert knowledge. Should be used with poor-medium-good-great crude, remediate as needed. This system offers extremely high speeds and high refine-
SPD-4 MPD HB1 150	Medium Skilled expert	12 liter 22 liter 50 liter	1000-8,000ml per hr Will exceed rates with apollo sweep.	5/12/22L - Dual E2M28/30 + Volatiles pump or E2M80 w/ Blower or Diffusion pump array	Inlet: 150mm Discharge: 34/45	CT-3 Shorty #34 Laminar->Dual CT-2 INV CUP(5-22L) #34 Valve LP->Dual CT-2 INV CUP(5-22L) Discharge Pump Option	Med-High-Fine	ment at ultra low vacuum >1u. The 'donut bore' & 'no-vig' pathway with fraction collector offer excellent distillations/- clarity. Suggested use with all compounds.The 6L per hour head that broke the existing Summit record with Breaking- dabs (user dev). Advanced operation, requires expert knowl- edge. Should be used with poor-medium-good-great crude, remediate as needed.
SPD-4 MPD HB2 150	Medium Skilled expert	12 liter 22 liter 50 liter	1000-8,000ml per hr Will exceed rates with apollo sweep.	5/12/22L - Dual E2M28/30 + Volatiles pump or E2M80 w/ Blower or Diffusion pump array	Thermometer: 45/50 Inlet: 150mm Discharge: 34/45	CT-3 Shorty #34 Laminar->Dual CT-2 INV CUP(5-22L) #34 Valve LP->Dual CT-2 INV CUP(5-22L) Discharge Pump Option	Med-High-Fine	This system mirrors our multi-pathway distillation chamber technology. Reverse ball vapor bump trap pathway with a removable key, rejection shelf and fraction collector. Sug- gested use with all compounds. The 6L per hour head that broke the existing Summit record with Breakingdabs (user dev). Advanced operation, requires expert knowledge. Should be used with poor-medium-good-great crude, reme- diate as needed.
SPD-4 MPD Bertha 150	Medium Skilled expert	12 liter 22 liter 50 liter	1000-8,000ml per hr Will exceed rates with apollo sweep.	5/12/22L - Dual E2M28/30 + Volatiles pump or E2M80 w/ Blower or Diffusion pump array	Inlet: 150mm Discharge: 34/45	CT-3 Shorty #34 Laminar->Dual CT-2 INV CUP(5-22L) #34 Valve LP->Dual CT-2 INV CUP(5-22L) Discharge Pump Option	Med-High-Fine	This system offers first of its kind multi-pathway distillation chamber technology. Dual vapor fractionation pathways with a built in key. Suggested use with less sensitive compounds. This is the series where the fraction collector was first used on high speed flange heads. Advanced operation, requires expert knowledge. Should be used with poor-medi- um-good-great crude, remediate as needed.
SPD-8 150mm	Difficult Skilled expert	12 liter 22 liter 50 liter	1000-10,000ml per hr Will exceed rates with apollo sweep.	5/12/22L - Dual E2M28/30 + Volatiles pump or E2M80 w/ Blower or Diffusion pump array	Thermometer: 45/50 Inlet: 150mm Discharge: 34/45	CT-3 Shorty #34 Laminar->Dual CT-2 INV CUP(5-22L) #34 Valve LP->Dual CT-2 INV CUP(5-22L) Discharge Pump Option	Med-High	The SPD-8 series heads are the fastest on the market. These low temp, high speed heads have multi-zone thermal technology to control vapor molecules and rush them to the fraction collecting area. The most temperature control you can have in any head. SPD-8 heads have near zero rejection.