

# VLR Integrated Heavy Duty Precleaner / Air Filters

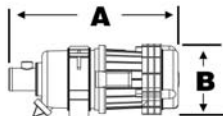
**VLR MEANS VERY  
LOW RESTRICTION**

Up to 50% Longer  
Filter Life Than  
Filter & Precleaner

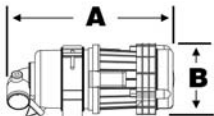
**Reduce Operating Costs**  
**Increase Filter Life**  
**Improve Fuel Efficiency**  
**Reduce Emissions**  
**Increase Engine Life**  
**.....Even More!**



The 360 degree axial flow integrated intake air precleaner and housing offers lower restriction than standard air cleaner designs while offering the benefits of the industry proven Enginaire dynamic precleaner with Very low Restriction. The precleaner removes up to 97% of airborne contaminant, keeping the air filter cleaner for a longer period of time. This also means horse power stays higher and emissions remain lower for longer periods of time.



Type 1 Straight Outlet



Type 2 90 Degree Outlet

Model Number	Part Number	Type	Safety	Initial Restriction						OD Inlet		A		B	
				CFM	Mj/m	CFM	Mj/m	CFM	Mj/m	inch	mm	inch	mm	inch	mm
1.7504VLR-E1-ST	68193s	1	no	85	2.4	102	2.9	119	3.4	1.75	44	13.30	338	5.375	137
1.7504VLR-E2-ST	68193s2	1	yes	66	1.8	78	2.2	88	2.5	1.75	44	13.30	338	5.375	137
1.7504VLR-E1-90	68193	2	no	74	2.1	88	2.5	98	2.8	1.75	44	12.60	320	5.375	137
1.7504VLR-E2-90	68193-2	2	yes	58	1.6	68	1.9	88	2.5	1.75	44	12.60	320	5.375	137
205VLR-E1-ST	68194	1	no	100	2.8	115	3.3	132	3.7	2.00	51	19.75	502	6.312	160
205VLR-E2-ST	68199s	1	yes	85	2.4	100	2.8	114	3.2	2.00	51	19.75	502	6.312	160
205VLR-E1-90	68190	2	no	82	2.3	95	2.7	105	3.0	2.00	51	18.50	470	6.312	160
205VLR-E2-90	68199	2	yes	75	2.1	88	2.5	97	2.7	2.00	51	18.50	470	6.312	160
2.507VLR-E2-ST	68197s	1	yes	162	4.6	188	5.3	212	6.0	2.50	64	21.00	533	8.188	208
2.507VLR-E2-90	68197	2	yes	138	3.9	161	4.6	181	5.1	2.50	64	20.62	524	8.188	208
307VLR-E2-ST	68195s	1	yes	166	4.7	194	5.5	222	6.3	3.00	76	20.40	518	8.188	208
307VLR-E2-90	68195	2	yes	150	4.2	177	5.0	194	5.5	3.00	76	21.00	533	8.188	208
3.508VLR-E2-ST	68185	1	yes	190	5.4	225	6.4	260	7.4	3.50	89	20.25	514	9.000	229
4010VLR-E1-ST	68191	1	no	310	8.8	360	10.2	410	11.6	4.00	102	17.75	451	10.000	254
5014VLR-E2-ST	68198-1	1	yes	475	13.5	550	15.6	625	17.7	5.00	127	32.00	813	14.250	362
6014VLR-E2-ST	68198	1	yes	510	14.4	600	17.0	675	19.1	6.00	152	32.00	813	14.250	362