

Engine Oil Cooling and Warming Products



LONG[®]
Thermal Products



Thermal-Management Products

Dana's engine oil cooling and warming products offer flexibility in design, as well as superior performance in lowering and controlling the engine oil's operating temperature.





Filter Mounted – Aluminum Self-Contained Style

Diameter (mm)	95	95
Length (mm)	125	132
Core Height (mm)	Designed to customer specifications	

Filter Mounted – Aluminum Tank Style

Diameter (mm)	90	95	110
Core Height (mm)	Designed to customer specifications		

Filter Mounted – Stainless Steel Tank Style

Diameter (mm)	90		
Core Height (mm)	Designed to customer specifications		



Matrix™

Aluminum	Length (mm)	94	108	110	120	140	140	148
	Width (mm)	62	80	70	80	70	80	74
	Core Height (mm)	Designed to customer specifications						
	Length (mm)	153	155	172	210	278	326	
	Width (mm)	94	110	69	94	80	101	
	Core Height (mm)	Designed to customer specifications						
Stainless Steel	Length (mm)	203						
	Width (mm)	108						
	Core Height (mm)	Designed to customer specifications						



In-Tank

Aluminum Plate	Length (mm)	210	254	292	300	305			
	Width (mm)	28	28 / 36 / 44.5	44	45	28 / 36 / 44.5			
	Core Height (mm)	Designed to customer specifications							
Stainless Steel Plate	Length (mm)	100	152	178	200	216	250	292	457
	Width (mm)	76.2	76.2	76.2	76.2	63.5	76.2	44.5	76.2
	Core Height (mm)	Designed to customer specifications							
Brass and Aluminum Concentric	Length (mm)	Designed to customer specifications							
	Diameter (mm)	19	22	25.4	28	32	38	44.5	



Aluminum Oil-to-Air Plate and Fin Coolers

	Plate and Fin						Plate	
Length (mm)	158	254	277	280	340	355	104	280
Maximum Number of Rows	30	36	40	40	50	50	72	72
Maximum Core Height (mm)	390	504	560	560	700	700	200	200
Width (mm)	32	32	50	19	32	50	19	19
Fin Density (fins per inch)	12.7	14 & 17	14	17	14 & 17	17	N/A	N/A



Aluminum Variable Length Cooler (VLC)

Length (mm)	320 to 800	
Width (mm)	32	
Height (mm)	Designed to customer specifications	

Dana Power Technologies Group
Global Research and Development Locations

Lisle, Illinois, USA
Gravatai, Brazil

Paris, Tennessee, USA
Wuxi, China

Oakville, Ontario, Canada
Neu-Ulm, Germany

Pune, India



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For more information, please call 1-888-670-DANA (3262) or visit www.dana.com

Application Policy

Capacity ratings, features, and specifications vary depending upon the model and type of service. Application approvals must be obtained from Dana; contact your representative for application approval. We reserve the right to change or modify our product specifications, configurations, or dimensions at any time without notice.