

# VERTICAL TURBINE FIRE PUMP | RANGE CHART

File No: F51.202  
 Date: APRIL 10, 2025  
 Supersedes: F51.202  
 Date: JULY 12, 2013

cUL & UL LISTED & FM APPROVAL

RATED CAPACITY (usgpm)	PRODUCT /MODEL	RATED HEAD (psi)	RATED HEAD (feet)	NO OF STAGE	cUL & UL LISTED	FM APPROVED
250	4x8H VTF	60.3	139	5	cUL & UL	FM
		69.4	160			
		69.8	161	6		
		82.4	190			
		82.8	191	7		
		95.4	220			
		95.8	221	8		
		108.4	250			
		108.8	251	9		
		121.4	280			
		121.8	281	10		
		134.4	310			
		134.8	311	11		
		147.4	340			
		147.8	341	12		
		160.4	370			
160.8	371	13				
173.4	400					
173.8	401	14				
188.1	434					
500	6x10H VTF	65.5	151	5	cUL & UL	FM
		81.9	189			
		82.4	190			
		95.4	220	6		
		95.8	221			
		117.0	270			
		117.5	271	7		
		134.4	310			
		134.8	311	8		
		156.0	360			
		156.5	361	9		
		168.2	388			
		168.6	389			
		173.4	400	10		
		173.8	401			
		195.1	450			
		195.5	451	11		
		212.4	490			
		212.8	491	12		
234.1	540					
234.5	541	13				
253.6	585					

RANGE CHART

Vertical turbine  
Fire pump

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RATED CAPACITY (usgpm)	PRODUCT / MODEL	RATED HEAD (psi)	RATED HEAD (feet)	NO OF STAGE	cUL & UL LISTED	FM APPROVED
750	8x12M VTF	68.5	158	3	cUL & UL	FM
		68.9	159			
		69.4	160			
		94.9	219	4		
		95.4	220			
		127.0	293	5		
		127.4	294			
		158.6	366	6		
		159.1	367			
		190.3	439	7		
		190.7	440			
		221.9	512	8		
		222.4	513			
		253.6	585	9		
		254.0	586			
		285.7	659	10		
		286.1	660			
		317.3	732	11		
		317.7	733			
		348.9	805	12		
		349.4	806			
		380.6	878	13		
		381.0	879			
		407.5	940	14		
		407.9	941			
		443.9	1024	15		
444.3	1025					
475.9	1098	16				
476.4	1099					
476.8	1100					
500.7	1155					
1000	8x14M VTF	66.3	153	2	cUL & UL	FM
		95.4	220			
		95.8	221	3		
		143.0	330			
		143.5	331	4		
		190.7	440			
		191.2	441	5		
		229.3	529			
		229.7	530			
		242.7	560	6		
		243.2	561			
		290.4	670	7		
		290.9	671			
		338.1	780	8		
		338.5	781			
		385.8	890	9		
		386.2	891			
404.4	933					

RATED CAPACITY (usgpm)	PRODUCT / MODEL	RATED HEAD (psi)	RATED HEAD (feet)	NO OF STAGE	cUL & UL LISTED	FM APPROVED			
1500	8x12H VTF	70.2	162	3	cUL & UL	FM			
		72.8	168						
		73.3	169						
		82.8	191						
		83.2	192						
		85.8	198						
		86.3	199	4	—				
		92.8	214						
		93.2	215						
		111.0	256						
		111.4	257						
		112.7	260						
		113.1	261	5	—				
		115.7	267						
		116.2	268						
		143.0	330						
		143.5	331						
		169.1	390						
		169.5	391	6	cUL & UL				
		199.4	460						
		199.8	461	7	cUL & UL				
221.9	512								
222.4	513	9	—						
247.1	570								
247.5	571	10	—						
277.4	640								
277.9	641	11	—						
303.4	700								
2000	10x15H VTF	63.3	146	2	—	FM			
		66.8	154						
		67.2	155						
		104.0	240						
		104.5	241	3	cUL & UL				
		156.0	360						
		156.5	361						
		208.1	480	4			cUL & UL		
		208.5	481						
		210.2	485	5				cUL & UL	
		210.7	486						
		264.4	610						

RANGE CHART

Vertical turbine  
Fire pump

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RATED CAPACITY (usgpm)	PRODUCT /MODEL	RATED HEAD (psi)	RATED HEAD (feet)	NO OF STAGE	cUL & UL LISTED	FM APPROVED
2500	10x16M VTF	65.5	151	2	—	FM
		91.0	210			
		91.5	211			
		99.7	230	3		
		100.1	231			
		134.4	310			
		134.8	311	4		
		182.1	420			
		182.5	421	5		
		221.9	512			
3000	12x18L VTF	96.2	222	2	—	FM
		97.1	224			
		97.5	225			
		131.8	304	3		
		132.2	305			
		144.8	334			
		145.2	335			
		199.4	460			
		199.8	461	4		
		225.0	519			
		225.4	520			
		229.7	530			
3500	12x18M VTF	112.3	259	2	cUL & UL	FM
		124.8	288			
		125.3	289			
		148.2	342			
		148.7	343	—		
		158.2	365	3		
		158.6	366			
		187.3	432			
		187.7	433			
		192.0	443			
		192.5	444	—		
		208.9	482	4		
		209.4	483			
		232.3	536			
—	—					
4000	12x18H VTF	111.4	257	2	cUL & UL	—
		120.9	279			
		121.4	280			
		147.8	341			
		148.2	342	—		
		163.0	376	3		
		163.4	377			
		165.1	381			
		165.6	382			
		188.1	434			
—	—					

RATED CAPACITY (usgpm)	PRODUCT /MODEL	RATED HEAD (psi)	RATED HEAD (feet)	NO OF STAGE	cUL & UL LISTED	FM APPROVED
4500	14x19H VTF	60.3	139	1	cUL & UL	—
		68.1	157			
	—	68.5	158	—	—	—
		104.9	242			
	14x19M VTF	105.3	243	—	—	FM
		125.7	290			
	14x19H VTF	126.1	291	2	cUL & UL	—
		134.4	310			
		134.8	311			
		135.2	312			
		138.3	319			
	14x19M VTF	138.7	320	3	—	FM
		186.4	430			
	14x19H VTF	186.8	431	3	cUL & UL	—
		207.2	478			
	14x19M VTF	208.1	480	4	—	—
		225.0	519			
	14x19H VTF	225.4	520	4	cUL & UL	—
242.7		560				
243.2		561				
277.0		639				
5000	14x19H VTF	59.4	137	1	cUL & UL	FM
		65.4	151			
		65.8	152	—	—	—
		94.9	219			
		95.4	220	2	—	FM
		117.9	272			
		118.3	273			
		130.4	301			
		130.8	302	—	—	—
		142.6	329			
		143.0	330	3	—	FM
		166.9	385			
		167.3	386			
		201.1	464			
		201.6	465	4	—	FM
		203.7	470			
		204.2	471			
		223.2	515			
223.7	516	4	cUL & UL	—		
267.0	616					

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