

PUMPS & COUNTER CURRENT 02/13

CENTRIFUGAL PUMP

'VERT CF-4/VERT HF-4'

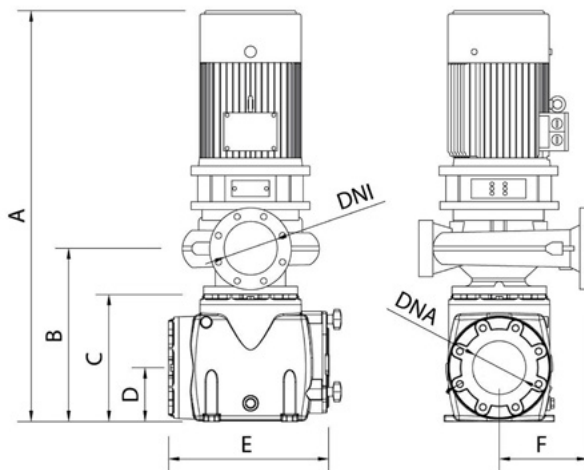
A cast iron, large volume centrifugal pump with large pre-filter and 4 pole motor makes this pump very quiet and long lasting, the ideal solution for large swimming pools in commercial environments. Developed for low maintenance, the standard motor can be easily repaired or replaced without disruption to the connected valves or hydraulic system



✓ Technical features

- Cast iron pump body, pre-filter, coupling and impeller
- Large pre-filter basket made in AISI 316 Stainless steel
- Silicon carbide mechanical seal (Tungsten carbon, AISI 316, EPDM, viton etc available on request)
- Cast iron impeller as standard (Bronze impeller available on request)
- Flange connection from DN-65 to DN-125
- Stainless steel AISA 316 shaft coupling and screws
- Motor and pump shafts connected by coupling
- Standard asynchronous, 4 pole motor, sealed from external Cataphoresis processed for corrosion resistance..
- Lubricated bearings to ensure long life and quiet operation
- Suitable for high heights filtration systems (Vert HF-4 models only)
- IE3 standardised motor: 1450 RPM at 50 Hz (1750 RPM at 60Hz)
- Protection rating: IP55
- Insulation rating: Class F
- Power supply: 230/400V 50Hz and 60 Hz on demand

📏 Dimensions



🔍 Models

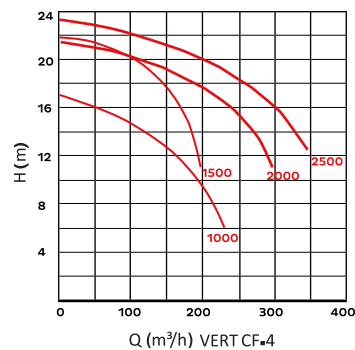
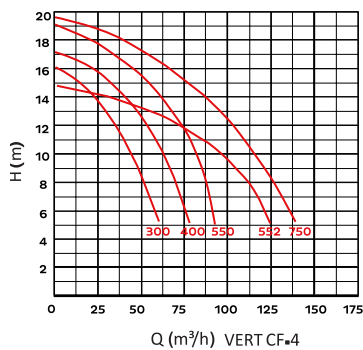
PRODUCT CODE CAST IRON	CONNECTIONS (DNA - DNI) mm	INTENSITY A		DIMENSIONS						PKG	WEIGHT kg	VOLUME m³
		III 230	III 400	A	B	C	D	E	F			
VERT CF-4-300	65-50	9.4	5.3	913	438	338	169	410	200	1	194	0.48
VERT CF-4-400	80-65	12.5	6.9	913	438	338	169	410	225	1	205	0.48
VERT CF-4-550	80-65	17	9.2	913	438	338	169	410	225	1	210	0.48
VERT CF-4-552	100-80	17	9.2	1007	463	338	169	410	250	1	240	0.53

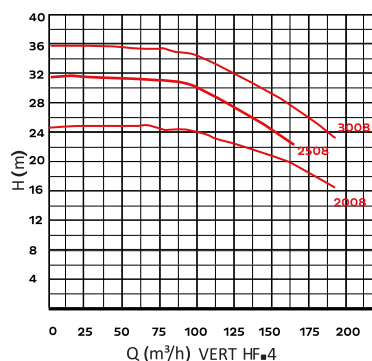
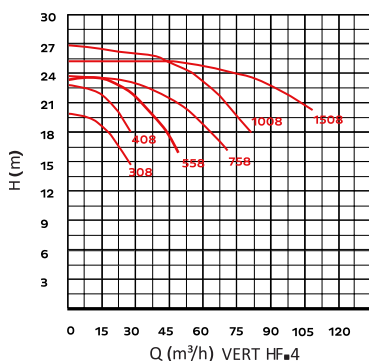
Models (Cont'd)

PRODUCT CODE CAST IRON	CONNECTIONS (DNA - DNI) mm	INTENSITY A		DIMENSIONS						PKG	WEIGHT kg	VOLUME m ³
		III 230	III 400	A	B	C	D	E	F			
VERT CF-4-750	100-80	23	12	1096	463	338	169	410	250	1	255	0.58
VERT CF-4-1000	125-100	-	15.5	1122	463	338	169	410	280	1	276	0.59
VERT CF-4-1500	125-100	-	21.8	1211	478	338	169	410	280	1	372	0.64
VERT CF-4-2000	150-125	-	32	1291	478	338	169	410	355	1	455	0.68
VERT CF-4-2500	150-125	-	39	1331	448	338	169	410	355	1	485	0.70
VERT HF-4-308	65-40	9.4	5.5	913	438	338	169	410	225	1	185	0.49
VERT HF-4-408	65-40	12.5	6.9	913	438	338	169	410	225	1	189	0.49
VERT HF-4-558	65-50	17	9.2	913	438	338	169	410	225	1	198	0.49
VERT HF-4-758	80-65	23	12	1071	438	338	169	410	250	1	259	0.57
VERT HF-4-1008	80-65	-	15.5	1122	463	338	169	410	280	1	282	0.60
VERT HF-4-1508	100-80	-	21.8	1196	463	338	169	410	280	1	324	0.64
VERT HF-4-2008	125-100	-	32	1291	478	338	169	410	280	1	355	0.69
VERT HF-4-2508	125-100	-	41.5	1331	478	338	169	410	315	1	397	0.71
VERT HF-4-3008	125-100	-	52	1331	478	338	169	410	315	1	409	0.71

Hydraulic features

CAST IRON	HEIGHT m	CF-4	9	10	12	14	15	16	18	20	21
		HF-4	18	20	22	24	25	27	30	32	35
VERT CF-4-300	FLOW (m ³ /h)		49	46	35	25	18	-	-	-	-
VERT CF-4-400			-	63	53	39	34	23	-	-	-
VERT CF-4-550			-	75	62	54	47	18	-	-	-
VERT CF-4-552			106	97	75	28	-	-	-	-	-
VERT CF-4-750			-	-	102	87	76	68	-	-	-
VERT CF-4-1000			-	195	162	120	90	60	-	-	-
VERT CF-4-1500			-	-	195	180	175	170	140	100	60
VERT CF-4-2000			-	-	290	280	248	245	195	102	
VERT CF-4-2500			-	-	-	340	325	300	260	200	170
VERT HF-4-308			23	13	-	-	-	-	-	-	-
VERT HF-4-408			-	27	19	-	-	-	-	-	-
VERT HF-4-558			51	43	33	-	-	-	-	-	-
VERT HF-4-758			75	64	50	12	-	-	-	-	-
VERT HF-4-1008			-	85	75	63	54	-	-	-	-
VERT HF-4-1508			-	-	110	90	72	-	-	-	-
VERT HF-4-2008			-	190	160	120	102	-	-	-	-
VERT HF-4-2508			-	-	-	170	160	140	120	30	-
VERT HF-4-3008			-	-	-	210	200	190	160	135	102





Electric features

MODELS 50 HZ	INPUT POWER P1 kW	OUTPUT POWER P2		MODELS 50 HZ	INPUT POWER P1 kW	OUTPUT POWER P2	
		kW	HP			kW	HP
VERT CF-4-300	2.6	2.2	3	VERT HF-4-308	2.6	2.2	3
VERT CF-4-400	3.51	3	4	VERT HF-4-408	3.51	3	4
VERT CF-4-550	4.61	4	5.5	VERT HF-4-558	4.61	4	5.5
VERT CF-4-552	4.6	4	5.5	VERT HF-4-758	6.25	5.5	7.5
VERT CF-4-750	6.25	5.5	7.5	VERT HF-4-1008	8.45	7.5	10
VERT CF-4-1000	8.45	7.5	10	VERT HF-4-1508	12.25	11	15
VERT CF-4-1500	12.25	11	15	VERT HF-4-2008	16.56	15	20
VERT CF-4-2000	16.56	15	20	VERT HF-4-2508	20.29	18.5	25
VERT CF-4-2500	20.29	18.5	25	VERT HF-4-3008	24.5	22	30

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