

Table 3-1 lists the Watts Loss ratings for Series 22H controls.

Table 3-1 Series 22H Watts Loss Ratings.

CONTROL			STD PWM CONV & INV Losses	QUIET PWM CONV & INV Losses	CONTROL FIXED Losses	BOOST REG Loss At Full Load	Line Reactor Loss At Full Load		STD PWM Total Losses	QUIET PWM Total Losses
MODEL No.	SIZE	INPUT VAC	(Watts)	(Watts)	(Watts)	(Watts)	Cat. No.	(Watts)	(Watts)	(Watts)
ZD22H210-EL	C+	230	268	315	102	80	LRAC03501	49	499	546
ZD22H215-EL	C+	230	397	311	102	109	LRAC04501	54	662	576
ZD22H220-EL	C+	230	527	458	102	136	LRAC05501	64	829	760
ZD22H225-EL	C+	230	690	611	102	137	LRAC08001	82	1011	932
ZD22H230-EL	D+	230	571	768	170	164	LRAC08001	82	987	1184
ZD22H240-EL	D+	230	1095	942	170	187	LRAC10001	94	1546	1393
ZD22H250-EL	D+	230	1437	1286	170	225	LRAC13001	108	1940	1789
ZD22H410-EL	C+	460	240	326	102	80	LRAC01802	43	465	551
ZD22H415-EL	C+	460	336	259	102	86	LRAC02502	52	576	499
ZD22H420-EL	C+	460	432	379	102	110	LRAC03502	54	698	645
ZD22H425-EL	D+	460	544	504	102	134	LRAC03502	54	834	794
ZD22H430-EL	D+	460	640	740	170	158	LRAC04502	62	1030	1130
ZD22H440-EL	D+	460	880	738	170	228	LRAC05502	67	1345	1203
ZD22H450-EL	D+	460	1040	1023	170	217	LRAC08002	86	1513	1496
ZD22H460-EK	D+	460	1280	1236	100	299	LRAC08002	86	1765	1721
ZD22H475-EK	E	460	2400	2322	153	395	LRAC10002	84	3032	2954
ZD22H4100-EK	E	460	3000	2928	153	420	LRAC13002	180	3753	3681
ZD22H4150-EK	F	460	3610	CONTROL RATINGS NOT AVAILABLE	191	750	LRAC20002	168	4719	CONTROL RATINGS NOT AVAILABLE
ZD22H4200-EK	F	460	4750		191	850	LRAC25002	231	6022	
ZD22H4250-EL	G+	460	6200		1000	900	LRAC32002	264	8364	
ZD22H4300-EL	G+	460	8140		1000	1620	LRAC40002	333	11093	
ZD22H4450-EL	G+	460	8400		1000	1650	LRAC50002	340	11390	
ZD22H4400-EL	G+	460	10560		1000	1750	LRAC50002	340	13650	
ZD22H4450-EL	G+	460	11880		1000	1850	LRAC60002	414	15144	



Series 22H Vector Control Ratings

CATALOG NO.	INPUT VOLT	ENCLOSURE SIZE	STANDARD 2.5 kHz PWM								QUIET 8.0 kHz PWM							
			CONSTANT TORQUE				VARIABLE TORQUE				CONSTANT TORQUE				VARIABLE TORQUE			
			HP	KW	IC	IP	HP	KW	IC	IP	HP	KW	IC	IP	HP	KW	IC	IP
ZD22H210-EL	230	C+	10	7.4	28	56	10	7.4	28	32	10	7.4	28	48	10	7.4	28	32
ZD22H215-EL	230	C+	15	11.1	42	84	15	11.1	42	48	10	7.4	30	61	15	11.1	42	48
ZD22H220-EL	230	C+	20	14.9	55	100	20	14.9	55	62	15	11.1	42	92	20	14.9	54	62
ZD22H225-EL	230	C+	25	18.6	68	116	25	18.6	68	78	20	14.9	54	92	25	18.6	68	78
ZD22H230-EL	230	D+	30	22.3	80	140	30	22.3	80	92	25	18.6	70	122	30	22.3	80	92
ZD22H240-EL	230	D+	40	29.8	105	200	40	29.8	105	120	30	22.3	80	160	40	29.8	104	120
ZD22H250-EL	230	D+	50	37.2	130	225	50	37.2	130	150	40	29.8	105	183	50	37.2	130	150
ZD22H410-EL	460	C+	10	7.4	15	30	10	7.4	15	17	7.5	5.5	11	22	10	7.4	15	17
ZD22H415-EL	460	C+	15	11.1	21	36	15	11.1	21	24	10	7.4	15	30	15	11.1	21	24
ZD22H420-EL	460	C+	20	14.9	27	54	20	14.9	27	31	15	11.1	21	46	20	14.9	27	31
ZD22H425-EL	460	C+	25	18.6	34	58	25	18.6	34	39	20	14.9	27	46	25	18.6	34	39
ZD22H430-EL	460	D+	30	22.3	40	70	30	22.3	40	46	25	18.6	35	61	30	22.3	40	46
ZD22H440-EL	460	D+	40	29.8	55	100	40	29.8	55	63	30	22.3	40	80	40	29.8	52	60
ZD22H450-EL	460	D+	50	37.2	65	115	50	37.2	65	75	40	29.8	55	92	50	37.2	65	75
ZD22H460-EK	460	D	60	44.7	80	140	60	44.7	80	92	50	37.2	65	122	60	44.7	80	92
ZD22H475-EK	460	E	75	56	100	170	75	56	100	115	60	44.7	80	140	75	56	100	115
ZD22H4100-EK	460	E	100	75	125	220	100	75	125	144	75	56	100	180	100	75	125	144
ZD22H4150-EK	460	F	150	112	190	380	150	112	190	220	125	93	150	260	150	112	170	200
ZD22H4200-EK	460	F	200	149	250	500	200	149	250	290	150	112	190	380	175	131	210	240
ZD22H4250-EL	460	G+	250	187	310	620	250	187	310	356								
ZD22H4300-EL	460	G+	300	224	370	630	300	224	370	425								
ZD22H4350-EL	460	G+	350	261	420	720	350	261	420	480								
ZD22H4400-EL	460	G+	400	298	480	820	400	298	480	552								
ZD22H4450-EL	460	G+	450	336	540	920	450	336	540	620								

IC = Continuous Output Current (in Amps)
 IP= Peak Output Current (in Amps)
 EL= NEMA 1 enclosure
 EK= Control, filter, and boost regulator shipped separately. Control and filter in NEMA1 enclosure.
 Boost regulator and 3% line reactor are open chassis.

PWM Frequency Continuous and Peak Current Derating:

2.5KHz Ratings - Full rating from 1 - 2.5KHz

Adjustable from 1 - 5KHz with linear derating to 90% current rating at 5KHz

8.0KHz Ratings - Full rating from 1 - 8.0KHz

Adjustable from 1 - 16KHz with linear derating to 70% current rating at 16KHz



Custom Order.



Not Available.