

The following table provides watts loss data for Fuji Electric's **FRENIC-Eco** series drives.

FRENIC-Eco							
Voltage	Hp	Drive Model Number	Drive Watts Loss			DC Link Reactor Model Number	DC Link Reactor Watts Loss
			Low carrier frequency	High carrier frequency	At stop		
208VAC	1	FRN001F1S-2U	70	100 ^{*1}	30	-	-
	2	FRN002F1S-2U	110	140 ^{*1}	30	-	-
	3	FRN003F1S-2U	120	170 ^{*1}	30	-	-
	5	FRN005F1S-2U	180	240 ^{*1}	30	-	-
	7.5	FRN007F1S-2U	310	390 ^{*1}	40	-	-
	10	FRN010F1S-2U	380	470 ^{*1}	40	-	-
	15	FRN015F1S-2U	530	620 ^{*1}	40	-	-
	20	FRN020F1S-2U	760	880 ^{*1}	40	-	-
	25	FRN025F1S-2U	800	950 ^{*1}	40	-	-
	30	FRN030F1S-2U	1020	1120 ^{*2}	40	-	-
	40	FRN040F1S-2U	1380	1480 ^{*2}	70	-	-
	50	FRN050F1S-2U	1280	1440 ^{*2}	100	-	-
	60	FRN060F1S-2U	1580	1770 ^{*2}	100	-	-
	75	FRN075F1S-2U	1830	2070 ^{*2}	100	DCR2-75C	96
100	FRN100F1S-2U	2380	2690 ^{*2}	100	-	-	
125	FRN125F1S-2U	3490	3660 ^{*3}	310	DCR2-110C	126	
460VAC	1	FRN001F1S-4U	50	80 ^{*1}	30	-	-
	2	FRN002F1S-4U	80	110 ^{*1}	30	-	-
	3	FRN003F1S-4U	110	160 ^{*1}	30	-	-
	5	FRN005F1S-4U	160	250 ^{*1}	30	-	-
	7.5	FRN007F1S-4U	160	280 ^{*1}	30	-	-
	10	FRN010F1S-4U	310	440 ^{*1}	40	-	-
	15	FRN015F1S-4U	340	530 ^{*1}	40	-	-
	20	FRN020F1S-4U	450	700 ^{*1}	40	-	-
	25	FRN025F1S-4U	530	870 ^{*1}	40	-	-
	30	FRN030F1S-4U	570	970 ^{*1}	40	-	-
	40	FRN040F1S-4U	950	1200 ^{*2}	40	-	-
	50	FRN050F1S-4U	1150	1440 ^{*2}	70	-	-
	60	FRN060F1S-4U	1300	1670 ^{*2}	70	-	-
	75	FRN075F1S-4U	1360	1740 ^{*2}	100	-	-
	100	FRN100F1S-4U	1510	2030 ^{*2}	100	DCR4-75C	97
	125	FRN125F1S-4U	1900	2140 ^{*3}	100	DCR4-90C	111
	150	FRN150F1S-4U	2200	2500 ^{*3}	100	DCR4-110C	122
	200	FRN200F1S-4U	2750	3100 ^{*3}	170	DCR4-132C	159
	250	FRN250F1S-4U	3450	3910 ^{*3}	170	-	-
	300	FRN300F1S-4U	4090	4640 ^{*3}	170	DCR4-200C	218
350	FRN350F1S-4U	4770	5390 ^{*3}	170	DCR4-220C	231	
400	FRN400F1S-4U	5310	5870 ^{*3}	370	-	-	
450	FRN450F1S-4U	5840	6450 ^{*3}	370	DCR4-280C	270	
500	FRN500F1S-4U	7140	7910 ^{*3}	770	DCR4-355C	308	
600	FRN600F1S-4U	8210	9040 ^{*3}	770	DCR4-400C	323	
700	FRN700F1S-4U	9100	10130 ^{*3}	770	DCR4-450C	338	
800	FRN800F1S-4U	10330	11460 ^{*3}	770	DCR4-500C	384	
900	FRN900F1S-4U	11760	12990 ^{*3}	770	DCR4-560C	580	

Note:

Carrier frequency values are as follows:

Low carrier = 2kHz

High carrier for *1 = 15kHz

High Carrier for *2 = 10kHz

High Carrier for *3 = 6kHz

The carrier frequency is programmable, via parameter F26, see the FRENIC-Eco instruction manual INR-SI47-1225-E for additional information.