

This table provides **Drive efficiency** data for Fuji Electric's **FRENIC-Eco** series drives.

FRENIC-Eco				
Voltage	HP	Drive Model Number	Drive Efficiency @ Rated Load	
			Low carrier frequency	High carrier frequency
Three phase 208VAC	1	FRN001F1S-2U	91.3%	89.3%
	2	FRN002F1S-2U	93.8%	92.3%
	3	FRN003F1S-2U	95.7%	94.6%
	5	FRN005F1S-2U	96.1%	95.1%
	7.5	FRN007F1S-2U	95.0%	93.7%
	10	FRN010F1S-2U	95.3%	94.1%
	15	FRN015F1S-2U	95.7%	94.9%
	20	FRN020F1S-2U	96.1%	95.4%
	25	FRN025F1S-2U	96.2%	95.5%
	30	FRN030F1S-2U	95.8%	95.4%
	40	FRN040F1S-2U	95.1%	94.9%
	50	FRN050F1S-2U	96.5%	96.1%
	60	FRN060F1S-2U	96.3%	95.9%
	75	FRN075F1S-2U	96.2%	95.8%
100	FRN100F1S-2U	97.2%	96.9%	
125	FRN125F1S-2U	96.2%	96.0%	
Three phase 460VAC	1	FRN001F1S-4U	94.9%	91.0%
	2	FRN002F1S-4U	96.2%	93.8%
	3	FRN003F1S-4U	96.8%	94.2%
	5	FRN005F1S-4U	96.9%	94.7%
	7.5	FRN007F1S-4U	97.4%	95.6%
	10	FRN010F1S-4U	97.4%	95.7%
	15	FRN015F1S-4U	97.3%	95.8%
	20	FRN020F1S-4U	97.4%	96.0%
	25	FRN025F1S-4U	97.8%	96.3%
	30	FRN030F1S-4U	97.7%	96.2%
	40	FRN040F1S-4U	97.2%	96.5%
	50	FRN050F1S-4U	97.3%	96.6%
	60	FRN060F1S-4U	97.5%	96.9%
	75	FRN075F1S-4U	97.8%	97.3%
	100	FRN100F1S-4U	98.2%	97.6%
	125	FRN125F1S-4U	98.2%	97.9%
	150	FRN150F1S-4U	98.2%	98.0%
	200	FRN200F1S-4U	98.5%	98.3%
	250	FRN250F1S-4U	98.2%	98.0%
	300	FRN300F1S-4U	98.5%	98.3%
350	FRN350F1S-4U	98.5%	98.3%	
400	FRN400F1S-4U	98.4%	98.2%	
450	FRN450F1S-4U	98.6%	98.4%	
500	FRN500F1S-4U	98.7%	98.2%	
600	FRN600F1S-4U	98.6%	98.3%	
700	FRN700F1S-4U	98.7%	98.4%	
800	FRN800F1S-4U	98.6%	98.4%	
900	FRN900F1S-4U	98.6%	98.4%	

Note:

The carrier frequency is programmable, via parameter F26, refer to FRENIC-Eco instruction manual INR-SI47-1225c-E on page 5-5.