

PHRF Handicap Ratings and Adjustments for Corsair Trimarans

Standard Handicap Ratings by boat model

Boat	Type	Rating
Sprint 750 Mk I /Mk II*	Conforms to Sprint 750 Class Rules	33
Dash 750 Mk I/Mk II*	Standard Dash 750; otherwise conforms to Sprint 750 Class Rules	39
F-24 Mk I	Conforms to F-24 Mk I Class Rules, Max. sail area listed below	99
F/C-24 Mk II	Conforms to F-24 Mk II Class Rules, Max. sail area listed below	75
F-27	Stock F-27, Conforms to F-27 Class Rules, Max. sail area listed below; "pinhead" main, no bowsprit	60
F-27 Formula	Conforms to Formula 27 Class , Max. sail area listed below	48
F-28/C-28	Conforms to F-28 Class Rules, Max. sail area listed below	30
F-28R/C-28R	Conforms to F-28R Class, Max. sail area listed below	21
F/C-28CC; C28CR/CE	Conforms to F-28 Class, Max. sail area listed below	42
F-31/C--31	Original F-31.Has a standard inboard cassette rudder and fixed 40', Max. sail area listed below, and pi- head main.	6
F/C-31AC/CC; F/C-31 UC	A standard Corsair interior with enclosed head, factory molded galley with sink, stove and full interior fabric liner, Aluminum mast, Max. sail area listed below	-21
F-31R/C-31R	Has an outboard rudder and rotating, Max. sail area listed below	-30
C-31 1D	Standard C-31 One Design as produced by Corsair Marine	-51
Corsair Pulse 600	Standard Pulse 600One Design as produced by Corsair Marine	48

Adjustments to PHRF rating for modifications from stock

Standard	Adjustments	time allowance (secs/mile)
Larger than standard mainsail	___ % increase in area	-3 for each 5% increase
Larger than standard jib	___ % increase in area	-3 for each 5% increase
Larger than standard genoa	___ % increase in area	-3 for each 5% increase
Larger than std spinnaker or screacher	___ % increase in area	-3 for each 5% increase
Longer than standard bowsprit	Any boat + the above sail area adjustment	-3 for each 2ft increase
Longer than standard mast	Any boat + the above sail area adjustment	-3 for each 1ft increase
Centerboard case gasket	For F-24 MK1 only	-3
No square-top main	F-24 MK1 only Pin Head main Max. Sail area of 215 sqft	+3
Rotating mast	on F-24 Mk I or F-27	-6
Taller carbon mast on F-28 CC	Mast and Sail area included	-3
42.5' mast on F-31	For original F-31 only	-6
Outboard rudder modification	For original F-31	-6
Other modification that may affect boat speed	To be determined by Rating Committee	

Maximum allowable PHRF sail areas in square feet

See Sail Declaration form for formulas for calculating "PHRF" sail areas (SAs)

Sail areas listed below are for establishing base PHRF ratings for various Corsair models in mixed classes only, and for boats racing in the Open Class. For purposes of these multihull PHRF ratings sails that are flown on the bowsprit known as spinnaker or screacher shall be considered equal. No adjustment shall be given for having one and not the other.

Boat Model	Main SA	Jib SA	Screacher SA	Spinnaker SA
F-24 Mk I PHRF	238	163	284	537
F-24 Mk II PHRF	247	118	238	477
F-27 Stock PHRF	275	237	0	698
F-27 Formula PHRF	307	258	333	768
F-28 PHRF	307	171	374	816
F-28R PHRF	325	171	374	816
F-31 40' Mast PHRF	374	284	454	972
F-31 42.5' Mast PHRF	435	214	454	1005