



## Twin data sheet

Main Canopy Size identification	340	372	402
Flat surface area*	355	376	414
Projected surface area**	318	344	366
Flat span	32.48	32.74	34.35
Projected span	28.60	28.93	30.4
Average chord	10.89	11.48	12.04
Flat aspect ratio	1 : 2.97	1 : 2.85	1 : 2.85
Projected aspect ratio	1 : 2.60	1 : 2.50	1 : 2.50
Minimum pack opening speed***	60		
Maximum pack opening speed***	210		
Absolute speed****	50.7	49.2	50.85
Horizontal speed****	48.95	47.2	48.98
Vertical speed****	13.19	12.8	13.25
Glide ratio	3.74	3.70	3.72
Minimum exit weight*****	145.5	220	242
Ideal exit weight	396.8	429	451
Maximum exit weight	474	473	495
Pack volume*****	883	980	1060

### Legend - IMPORTANT- PLEASE READ CAREFULLY

\* The flat surface area in sqft equals the area of the canopy layed out on the floor, deflated. It resembles the state for PIA measuring procedure such as surface area and pack volume.

\*\* The projected surface area in sqft equals the inflated area of the canopy in flight. It is generally smaller than the flat surface area. All flight performance data refer to this area as it is the basis for all aerodynamic calculations during the design process. This is the surface area where realistic wing loads are calculated from

\*\*\* The pack opening speeds in Knots define the speed limitation of the parachute. It has nothing to do with the speed of the aircraft when exiting.

\*\*\*\* flight performance data always refer to the projected surface area whereas absolut speed defines the speed of the parachute on it's glide path (airspeed) and the horizontal speed defines the speed over ground (groundspeed). Vertical speed refers to the rate of descent at full flight.

CAUTION!! : This data is based on sea level and standard atmosphere. This flight performance data can deviate at any time due to changes of parameters.

\*\*\*\*\* Exit weights in include the weight of the jumper plus any equipment he or she wears at pack opening and during canopy flight. The wing load factor defines the ratio between the projected surface area and the total weight of the suspended jumper. This factor is stated in above diagramme in coloured figures behind the relevant category.

To receive a appr body weight, subtract 20 lbs from the max suspended weight on 100 to 140 sqft sizes and 30 lbs on the sizes 160 up.

\*\*\*\*\* Pack volume is given in cui (cubic inch) and only a guideline value. It can vary due to fabric dye lots, coating variations and environmental conditions. For a definite match with your selected container model / size we strongly recommend to consult your dealer or Paratec.



...> NRG

...> FreeZR

...> Paratec

...> Paratec

...> New Ne

...> R.A.G.E.

...> Factory