

Product Name	Nebula Vortex
Product Number	DX-933
Size -- Length	8.17 m / 26' 10"
Size -- Width	6.96 m / 22' 10"
Size -- Height	5.37 m / 17' 7"
Foundations	7
Concrete Volume	5.42 m ³ / 191.4 ft ³

	ASTM F-1487	CSA Z614	EN 1176
Ages	5 years - 12 years	5 years - 12 years	6 years - 12 years
Capacity	75	75	75
Use Zone -- Length	11.92 m / 39' 1"	11.92 m / 39' 1"	13.26 m / 43' 6"
Use Zone -- Width	10.71 m / 35' 2"	10.71 m / 35' 2"	12.05 m / 39' 6"
Fall Height	3.00 m / 9' 10"	3.00 m / 9' 10"	3.00 m / 9' 10"

*Note: Concrete must be minimum 3500 PSI / 25MPa



Product Features:

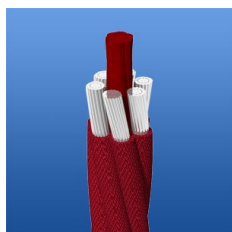
CONTOURED POSTS:	This will be 8 1/2" (216.3mm) OD with a minimum 1/4" (5.8mm) wall thickness. These will be painted and phosphate dipped.
CLIMBING NETS:	These will be 20 mm diameter, polyamide (nylon) rope cable with UV protection and fire retardant solution. Each rope consists of 6 strands each containing 24 galvanized steel reinforcing strands within a polyamide sleeve, wrapped around a solid polyamide core for a total of 144 steel reinforcing strands; each end of the cable having a junction loop attached onto the cable with a finished aluminum sleeve and lined with a galvanized steel wear bar. Rope shall achieve a Class 7-8 Colourfastness rating.
COCONUT ROPE:	This will be 120mm x 120mm square polypropylene rope connected to the structure with an eye-bolt system.
BALL KNOTS:	This will be a one-piece compressed aluminum ball, compressed in place with 150,000 pounds force (667 kN) to prevent the connection from moving and causing premature cable wear.
IGLOO CONNECTOR:	This will be a stainless steel connector allowing for 1 plane of motion. The male end of the connector is secured to the rope ends with a stainless steel sleeve which is bolted to the female end on the frame.
BASIC FASTENERS:	All fasteners for component attachments are stainless steel.
SURFACE MOUNT:	This product will be surface mounted utilizing 6" (150mm) long expansion bolts.

INSTALLATION:

This should be installed only by a licensed playground installer, trained and certified on the relevant playground standards in place in the region of installation, e.g., NPSI, CPSI or similar certified.

COMPLIANT WITH:

CAN/CSA-Z614-07
ASTM F-1487-11
EN-1176
CPSC Handbook for Public Playground Safety



Climbing Net - 20 mm



Ball Knot



Igloo Connector



Expansion Bolt