

ENGINEERED BUILDINGS

**Designed for local
businesses.**

888-427-6647

DB / S100 Series

MEGADOMEBUILDINGS.COM

 **MegaDome**
batiments x buildings





BUILDING TRUST.

We go above and beyond for our clients, building relationships based on trust and integrity. As a family-owned business, we bring a personal touch to every project we undertake.

Our commitment to people-centered values is reflected in how we treat our team, partners, and clients. This approach is the key to our success.

AIRPORTS

EQUIPMENT STORAGE

COMPOST

ENERGY & PETROL

MINING

WASTE & RECYCLING

MANUFACTURING

PORTS & MARINAS

BULK STORAGE



All our buildings are engineered to meet the 2020 Canadian Building Code requirements.

Standard features:

Choice of steel for the arch, depending on use:

We use the most suitable and effective levels of galvanization available on the market, ensuring optimal protection against corrosion.

Lower portion of the arch: **Hot Dip Galvanized (HDG)**

Oval Tube: 11, 12 or 14 gauge

Standard / Elite Membrane:

12oz / **13.75oz**

Options: **Fire-Retardant (FR)**

Truss Depth: **16" to 58"**

Hardware: **Hot Dip Galvanized (HDG)**



Models:

DB

WIDTHS: 33' OR 40'

HEIGHTS: HP OR XP

ROUND

DB

WIDTHS: 50', 60', 70' OR 80'

HEIGHTS: HP OR XP

GABLE

DB

WIDTHS: 60', 70', 80' OR 90'

HEIGHTS: HP, XP OR XXP

GABLE

DB

WIDTH: 100'

HEIGHTS: XP

GABLE

S100

WIDTHS: 100', 125', 140' OR 160'

HEIGHTS: S100

GABLE

Product specifications

HP-HD		33'	40'	XP-HD				33'	40'
	TRUSS DEPTH	16"						16"	
	CENTER CLEARANCE	15'3"	16'3"					21'9"	22'9"
	CLEARANCE (2')	7'5"						13'11"	
	CLEARANCE (4')	9'10"						16'4"	
HP-HD		33'	40'	50'	60'	70'	80'	90'	100'
	TRUSS DEPTH			24"					
	CENTER CLEARANCE			20'9"	22'4"	24'0"	25'7"		
	CLEARANCE (2')			7'2"					
	CLEARANCE (4')			9'10"					
HP-HHD		33'	40'	50'	60'	70'	80'	90'	100'
	TRUSS DEPTH			30"					
	CENTER CLEARANCE			21'9"	23'5"	25'0"	26'8"		
	CLEARANCE (2')			6'1"					
	CLEARANCE (4')			9'3"					
XP-HD		33'	40'	50'	60'	70'	80'	90'	100'
	TRUSS DEPTH			24"					
	CENTER CLEARANCE			25'9"	27'5"	29'0"	30'8"		
	CLEARANCE (2')			12'7"					
	CLEARANCE (4')			15'3"					
XP-HHD		33'	40'	50'	60'	70'	80'	90'	100'
	TRUSS DEPTH			30"					
	CENTER CLEARANCE			26'9"	28'5"	30'0"	31'8"	36'0"	
	CLEARANCE (2')			11'9"					
	CLEARANCE (4')			14'8"					
XXP-HHD		33'	40'	50'	60'	70'	80'	90'	100'
	TRUSS DEPTH			30"					
	CENTER CLEARANCE			32'9"	34'5"	36'0"	37'8"		
	CLEARANCE (2')			17'1"					
	CLEARANCE (4')			20'3"					
S100				100'	125'	140'	160'	140'	160'
	TRUSS DEPTH			33"			33"	58"	58"
	CENTER CLEARANCE			46'11"	50'	51'8"	53'1"	51'3"	52'5"
	CLEARANCE (5')			14'5"			14'5"	9'	9'
	CLEARANCE (10')			20'10"			20'10"	18'	18'

WARRANTY

The steel structures supplied for MegaDome carry a limited, prorated warranty of 10 years for pre-galvanized steel and 15 years for hot-dip galvanized steel after welding.

The warranty applies to the original purchaser/customer, against any defects related to the original specifications (steel type, galvanization thickness, etc.) as well as manufacturing defects on the main structure components. This warranty is also limited to components which are manufactured by Harnois and shall be interpreted in the context of its anticipated life expectancy, when used for its original purpose and maintained as prescribed by the manufacturer. In terms of corrosion resistance, this means the structure shall not display more than 5% of surface rust after 10 years for pre-galvanized steel and 15 years for hot dip galvanized steel (permaned after welding).

10 YEARS

Pre-galvanized structure
15-year warranty for hot-dip galvanized steel

15 YEARS

MEMBRANE
20-year warranty for Elite membrane

Foundations:

Concrete Blocks

Concrete Slab

In ground Concrete Beam

Continuous Floating

Continuous Deep

Concrete Piers

Grade Beam

Options:

CUSTOMIZE YOUR MEGADOME WITH OUR WIDE RANGE OF OPTIONS.

POWERSHIELD® MEMBRANE



STANDARD
(16% LIGHT TRANSMISSION)



COLOR TRIM



FIRE RETARDANT (FR)

END WALLS



OPEN



PARTIAL



CLOSE



METAL SHEETS

DOORS



SERVICE



GARAGE



MULTIPLE GARAGE



SIDE



LOADING DOCK

NATURAL VENTILATION



EXHAUST VENTS



WALL VENTS



TOP VENT



FANS



SKYVENT

HIGH PERFORMANCE VENTILATION

OTHER



SNOW DEFLECTORS



CONNECTION TO AN EXISTING BUILDING



EXPANSION



BRANDING



INSULATION



HEATING AND LIGHTING



MegaDome
bâtiments x buildings

MEGADOMEBUILDINGS.COM