



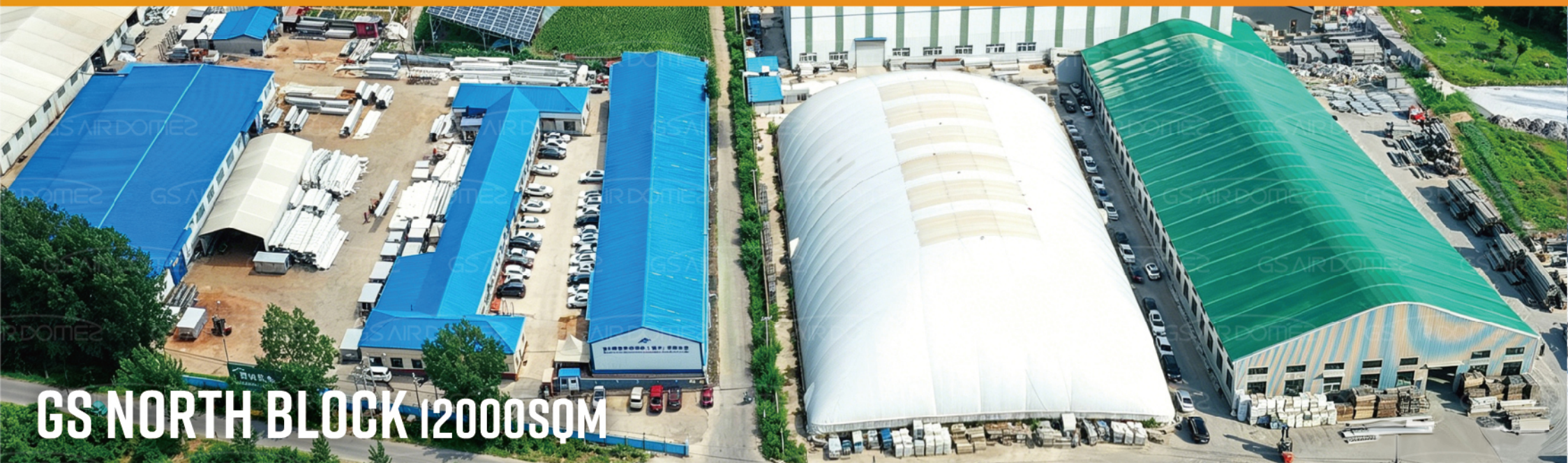
GS AIR DOME CATALOG



GS AIR DOME2

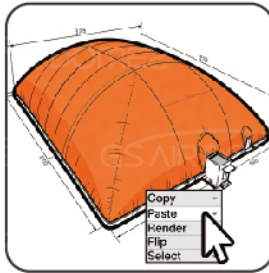


GS NORTH BLOCK 12000SQM

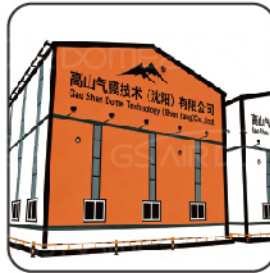


DESIGN ▶ TURNKEY

COMPLETE PROJECT SUPPORT



STUDIO



SUPPLY



SETUP

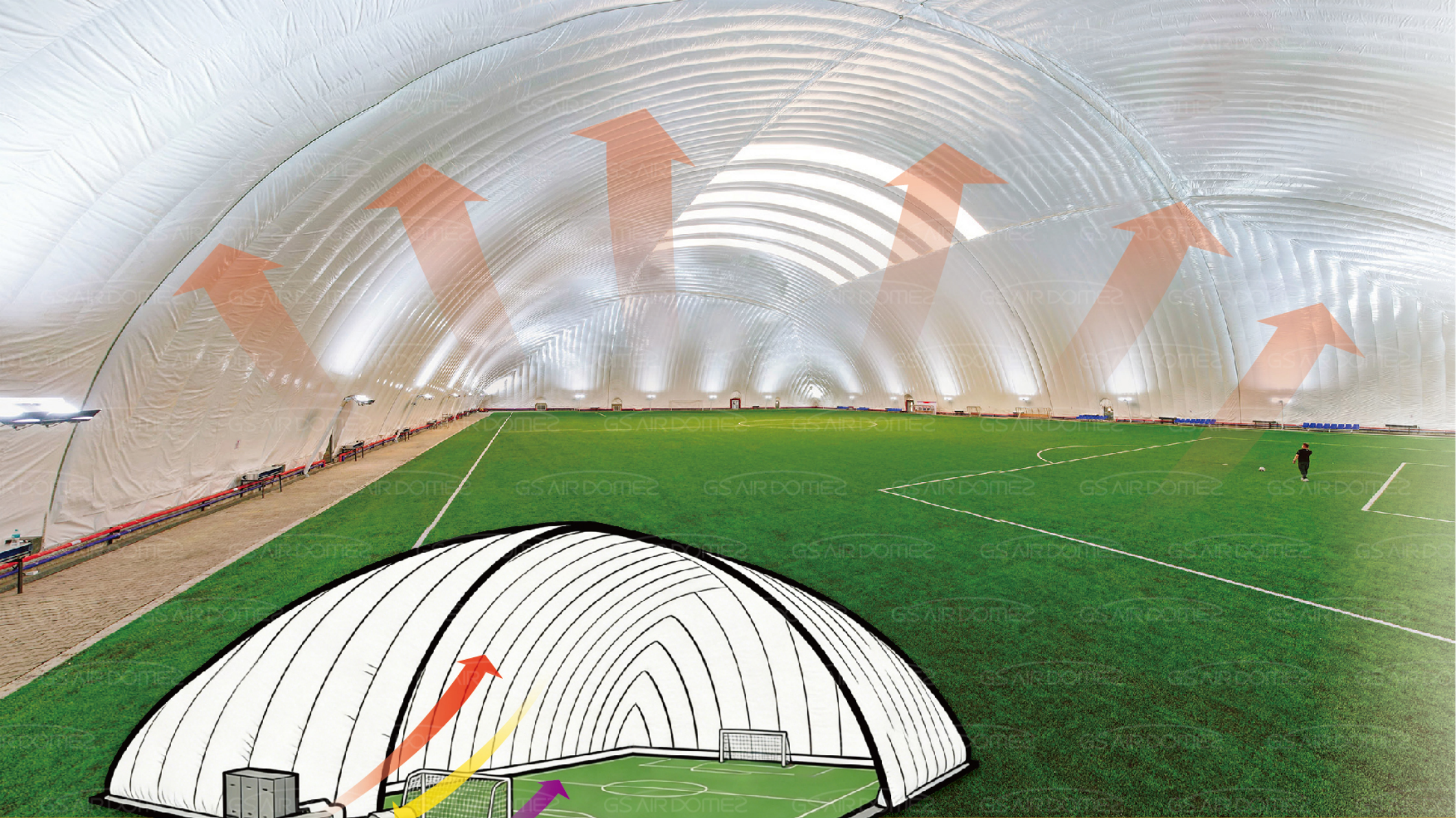


SOFTWARE



SERVICE

GS SOUTH BLOCK 18000SQM



VENTILATION - HEATING ■
RETURN / RECIRCULATION AIR ■
EMERGENCY/BACKUP UNIT SUPPLY AIR ■

WHAT IS AIR DOME ?



COMPACT CABLE-FREE AIR DOME

Small venues, commerce, clubs, galleries



VENUES CROSS-CABLE REINFORCED AIR DOME

Sports center, large courts and breeding facilities



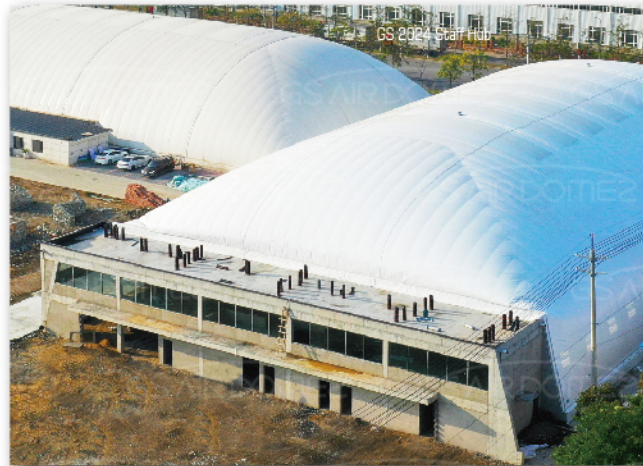
VENUES+ GRID-REINFORCED AIR DOME

Stadiums, large-span venues, high-wind resistance



SINGLE-LAYER INDUSTRIAL AIR DOME

Factories, construction sites, mines, warehouses



ATTACHED BUILDING/WALL-SIDE AIR DOME

Complex, commercial space, food courts, support facilities



CAPPING ROOF-TYPE AIR DOME

Market, semi-permanent business, office, service hub

Operating Principle of Air-Supported Domes: Constructed from high-performance membrane, these clear-span air-supported structures achieve full structural integrity via internal air pressure, eliminating the need for any internal columns. Firmly anchored to withstand high winds and harsh weather, the system uses ventilation to hold a steady 200–300 Pascal slight overpressure and ensure non-stop fresh air flow. Its energy-efficient design with built-in heating guarantees consistent indoor comfort, exceptional long-term durability, and adherence to regional construction regulations, ideal for both temporary and permanent installations.





IN-HOUSE

FULL FABRICATION & INTEGRATION

Main Air Membrane
Electrical Control System
Reinforced Cable
Insulation Liners
Metal Components
Profiles
Equipment Enclosures & Housings
Door & Window Hardware
Fastening Kits
Electrical Fittings



ENGINEERED

SPECIFIED PREMIUM PARTS

Generator Core Engine
AC Condensing Unit
Centrifugal Fan Core
Specialized Lighting



SOURCED

RELIABLE FULL SUPPLY CHAIN

Flooring
Sports Equipment
Seating
Decoration Materials
Sensors
Facility Accessories

Need the Full Documentation?

Please share your project requirements with our team to
request the full version.

project@gsdomes.com

PLEASE INCLUDE

Project Location · Dimensions (L × W × H) · Intended Application

