

# LANCO

TentTech · DeconTech · FlexTank

## Lite duty low-pressure

# ARZ



Our inflatable shelters are deployed by fire / police / rescue services, civil defense, military and companies.

The latest technologies for computer-aided cutting to size, high-frequency welding, seam taping and sewing are used in our manufacturing process.

Our in-house development department can offer special designs to meet customer requirements.



All shelters are interconnectable



Flame retardant & UV resistant material



Quick and easy assembly and disassembly



Self-erecting structure, versatile, reliable and robust

ARZ inflatable shelters are self-erecting inflatable shelters with a fully inflatable frame. All supporting elements are made of airtight fabric. The shelters can be set up by only one person using an electric blower or compressed air.

## Frame

For the inflatable frame we use an extremely robust, though lightweight fabric, similar to that used for inflatable boats: 25 oz/yd<sup>2</sup>. The seams of the frame are HF welded and the corner joints are mitered.

The frame of the self-erecting ARZ has been optimized for compressed air bottles. Tubes in the eaves and in the ridge are the same diameter as the supporting frame (0.75 ft). Expensive aspirators to take in additional ambient air are not required. The frame is connected to the shelter

## Options and accessories

- ▲ Partition walls
- ▲ Side windows
- ▲ Inner liner
- ▲ Fabric according to military standards
- ▲ Inflation system

## Colors



## Technical data

	ARZ 50	ARZ 100	ARZ 200	ARZ 250	ARZ 350	ARZ 450	ARZ 550	ARZ 650
Base area	64.05 ft <sup>2</sup>	107.64 ft <sup>2</sup>	215.28 ft <sup>2</sup>	226.04 ft <sup>2</sup>	333.68 ft <sup>2</sup>	441.32 ft <sup>2</sup>	548.96 ft <sup>2</sup>	656.60 ft <sup>2</sup>
Width	11.15 ft	11.15 ft	13.12 ft	18.04 ft	18.04 ft	18.04 ft	18.04 ft	18.04 ft
Length	5.74 ft	10.50 ft	16.40 ft	12.80 ft	18.77 ft	24.61 ft	30.77 ft	36.78 ft
Ridge height	9.06 ft	9.06 ft	8.86 ft	9.68 ft	9.68 ft	9.68 ft	9.68 ft	9.68 ft
Eave height	7.55 ft	7.55 ft	6.56 ft	6.56 ft	6.56 ft	6.56 ft	6.56 ft	6.56 ft
Packing size	3.28 x 2.30 x 1.51 ft	3.28 x 2.30 x 1.51 ft	3.94 x 2.78 x 1.80 ft	3.94 x 2.85 x 1.54 ft	3.70 x 2.46 x 2.13 ft	4.10 x 3.11 x 1.97 ft	5.35 x 1.48 x 1.48 ft	5.53 x 2.46 x 1.48 ft
Weight	70.55 lbs	114.64 lbs	176.37 lbs	180.78 lbs	227.08 lbs	273.37 lbs	313.06 lbs	381.40 lbs
Set time	2-4 min	2-4 min	2-4 min	2-4 min	2-4 min	2-4 min	2-4 min	2-4 min



skin and floor by means of hook and loop so it is fully detachable. The inflatable purlins are screwed to the main arcs and pneumatically connected to them by means of transfer valves. That makes it possible to take out single purlins or arcs from the inflatable frame for repairs or in case replacements are needed. A multi-chamber system can be implemented on customer request.

## Shelter skin and floor

The shelter skin is made of one side PU-coated polyester fabric (7 oz/yd<sup>2</sup>), flame retardant, waterproof and mildew resistant. The shelter floor is made of both sides PVC-coated polyester fabric (16 oz/yd<sup>2</sup>) and is also available with non-slip embossing as option (25 oz/yd<sup>2</sup>).

- ▲ Ballast tanks
- ▲ Lettering/branding
- ▲ Lighting
- ▲ Air conditioning
- ▲ Heating