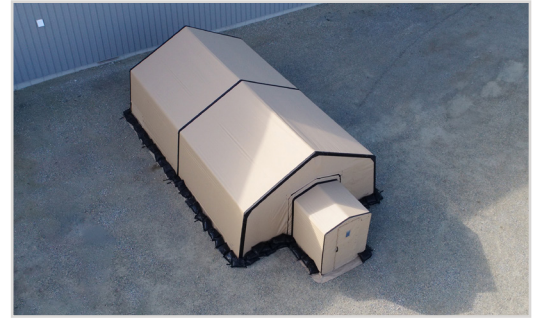# PRODUCT DATA SHEET
## Part #: C29020X033-001

**CELINA™**





## CELINA ADAPTIVE COLOR AND ENVIRONMENT (ACE) SHELTER -TAN/GREEN

**CONTRACTOR NAME:** CELINA Tent Inc. (CELINA)

| | | |
|---|---|---|
| **1. PART NUMBER:** C29020X033-001 | **2. NSN:** | |
| **3. NAME:** CELINA Adaptive Color and Environment (ACE) Shelter | **4. TYPE:** Frame Structure, Expandable, Air-Transportable | **5. CLASS:** |
| **6. COLOR:** Tan/Green Reversible | **7. SUPPORT SYSTEM:** Frame | **8. SERIES:** C29 |

**9. INTENDED USE:** Multi-purpose Utility Shelter, Kitchen, Billeting, General Purpose, Command Post

| | | | |
|---|---|---|---|
| **10. DIMENSIONS (IN FEET AND INCHES):** | **LENGTH:** 33' 0" | **WIDTH:** 20' 0" | **HEIGHT: RIDGE:** 11'6" **EAVE:** 7'2" |
| **11. DIMENSIONS (EXTERNAL GUYED):** | **LENGTH:** 33' 0" | **WIDTH:** 20' 0" | |

**12. SQUARE FEET INTERIOR:** 609 sq. ft.

| | | |
|---|---|---|
| **13. WEIGHT (POUNDS, UNPACKAGED):** 1,512 lbs | **14. WEIGHT (PACKAGED):** | **15. SHIPPING CUBE (PACKAGED):** |

| | | | |
|---|---|---|---|
| **16. SHIPPING CONTAINER:** | **LENGTH:** | **WIDTH:** | **HEIGHT:** |

| | |
|---|---|
| **17. SET-UP TIME/NUMBER OF PERSONS:** 6 People/40 Minutes | **18. STRIKE TIME/NUMBER OF PERSONS:** 6 People/40 Minutes |

**19. PARTS INCLUDED (Include Quantity):**
(1) Frame kit, (1) Mil-spec 16 oz fabric cover kit, (1) 15 oz non-slip vinyl floor, (1) CELINA universal vestibule, (1) 68" x 84" Zipper entry, (1) Internal liner, (1) Air plenum, (2) Sets of 18" ECU ports on endwalls, (2) 6" Electrical cable ports, (1) Staking kit

**20. DESCRIPTION:**
The Adaptive Color and Environment (ACE) Shelter design is distinctive for its innovative reversible fabric that enables a green or tan shelter to be erected in any environment. Enabling quicker deployment, less inventory overhead, and a significant cost savings in distribution and formation of camps. The features include a reduction in arches that provide an expanded multi-functional interior space. Utilization of internal liners and bubble foil radiant barrier liners (optional) minimizes exterior noise interruptions. The unique frame incorporates tensioning purlins and keder fabric, ensuring uniform tautness and even stress distribution, enhancing the overall durability and strength to withstand extreme weather conditions and climates. The lightweight frame components lessen physical exertion when installing the shelter.
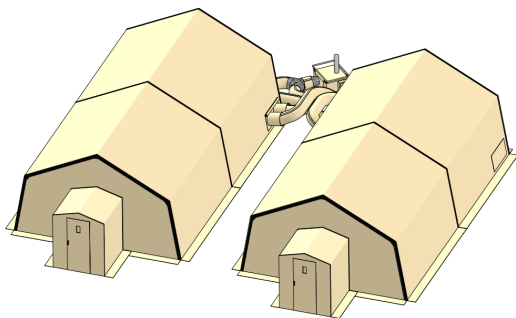
## 21. ACCESSORY AND SUPPORT EQUIPMENT:

| | PART NUMBER OR NSN: | INCLUDED OR OPTIONAL: | DESCRIPTION: |
|---|---|---|---|
| **LIGHT SET** Product Data Sheet | | INCLUDED | (1) Light String with (10) 100-watt incandescent light bulbs and plastic cages |
| **ELECTRICAL OUTLET SET** Product Data Sheet | | INCLUDED | (2) Receptacle lines with (8) 110V outlets per line. |
| | | INCLUDED | (1) Single-phase power distribution box with (2) 20A GFCI breakers, (1) 20A breaker |
| | | INCLUDED | (1) 50', 20A Power Cable |
| **FLOORING** Product Data Sheet | 21000 | INCLUDED | (1) 15 oz non-slip vinyl floor, grey |
| | | OPTIONAL | See separate product data sheets for various hard flooring options. |
| **HEATER** Product Data Sheet | | OPTIONAL | See separate product data sheets for various heater options. |
| **AIR CONDITIONER** Product Data Sheet | | OPTIONAL | See separate product data sheets for various air conditioner options. |
| **GENERATOR** Product Data Sheet | | OPTIONAL | See separate product data sheets for various generator options. |
| **POWER DISTRIBUTION** Product Data Sheet | | OPTIONAL | See separate product data sheets for various power distribution options. |
| **INSULATION PACKAGE** Product Data Sheet | | OPTIONAL | See separate product data sheets for bubble foil radiant barrier liner options. |
| **INSULATED FLOORING** Product Data Sheet | | OPTIONAL | See separate product data sheets for various insulated flooring options. |
| **22. SNOW LOAD:** 20 psf | **23. WIND LOAD:** 90 mph | | **24. RAIN LOAD:** 4" per hour with 40 mph winds |

Side by side configuration



End to end configuration