



ALPINE
HYDROMET

FSP

FLUIDLESS SNOW PILLOW SNOW WATER EQUIVALENT MONITORING

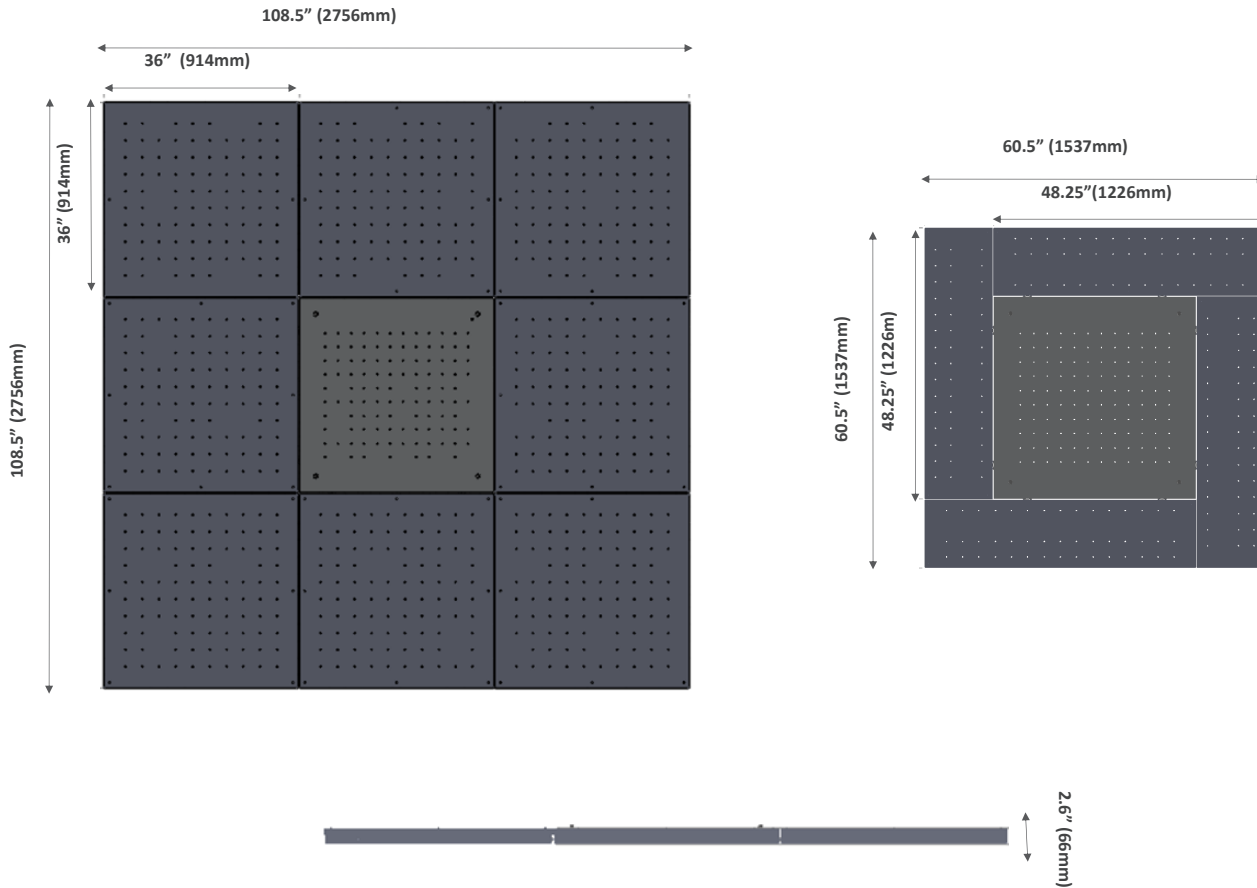


KEY FEATURES:

- * 9'x9' or 5'x5' models
- * Easy installation
- * Modular design
- * Low profile
- * No piece longer than 3 feet
- * No piece heavier than 35 lbs
- * Up to 120" or 3000mm SWE
- * SDI-12 output
- * No electronics under the snow
- * Custom Design Options

INTRODUCTION

Alpine Hydromet has worked closely with the snow hydrology community to develop a fluidless snow pillow that better suit the needs of their monitoring environment. The FSP was designed to be easy to pack in, install, and maintain. The fluidless and modular design simplifies the transportation and installation process. Electronics for SWE calculation are not installed under the snow.



TECHNICAL SPECIFICATIONS

| | |
|-----------------------------------|--|
| SWE ranges | 0" – 120" SWE [0 – 3,000 mm SWE] |
| Resolution | 0.1 mm |
| Accuracy | ± 0.3% FS |
| Output..... | SDI-12 |
| Power Supply..... | 12V |
| Active Mode Current Draw | 140 mA |
| Standby Mode Current Draw | <0.5mA |
| Ingress Protection | IP 68 |
| Operation Temperature Range | -40°F to 176°F [-40°C to 80°C] nominal |
| Storage Temperature Range | -40°F to 176°F [-40°C to 80°C] nominal |