



HYDRANAUTICS



PROJECT NAME
Hydranautics

CLIENT
A Nitto Group Company

LOCATION
Oceanside, California

MARKET SECTOR
Industrial
Office

BUILDING SIZE
160,000 sf

PROJECT COMPLETION
2015

CONSTRUCTION TYPE
Retrofit

**THERMA-FUSER SYSTEM
CONFIGURATION**
Option 1: Therma-Fuser Stand Alone
Diffusers

Learn more about this project at
acutherm.com



PROJECT DESCRIPTION

Hydranautics, A Nitto Group Company, is a world leader in the membrane separation industry, seawater desalination, and dairy reverse osmosis. The 160,000 square foot Production Facility reported issues with the current constant air volume system with frequent occupant complaints regarding poor zone control, thermostat wars, and maintenance calls. The facility's engineers were taken away from key tasks, including maintaining assembly lines/production, which needs to be up and running (33 chillers); rather than continuously adjusting thermostats and manual balancing dampers and louvers. The selected solution was implementation of constant volume DX units (37 units on site) zoned with Therma-Fuser™ diffusers. This resulted in reduced maintenance calls and associated costs.