

DIRECT DECK

Skin & Pontoon Aluminum Internal Floating Roof

Engineered internal floating roof systems designed to deliver reliable emissions control, structural performance, and long-term operational efficiency.

The Direct Deck IFR provides a cost-effective, adaptable solution for aboveground storage tanks, combining robust aluminum construction with flexible configuration options to meet a wide range of service requirements.

Overview

The **Direct Deck Internal Floating Roof** is a conventional skin and pontoon aluminum IFR designed to provide reliable vapor control and efficient tank operation. Constructed from high-quality aluminum components, the system offers a durable, lightweight, and cost-effective floating cover solution.

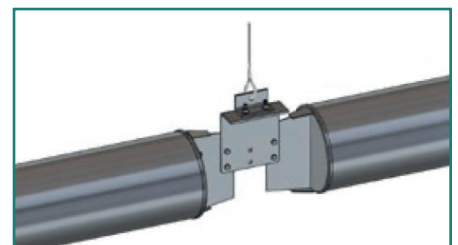
The Direct Deck is engineered to accommodate a wide range of service conditions and tank configurations, providing dependable performance across varying operational demands.

Design & Configuration

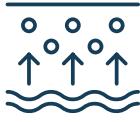
The Direct Deck IFR is designed for flexibility and can be configured to meet specific tank requirements and operating conditions.

Key design features include:

- Available in 500 and 1000 models based on API 650 structural design requirements
- Enhanced reinforcement options for increased structural strength
- Customizable configurations to meet project-specific specifications
- Compatible with mechanical shoe or wiper primary seals
- Secondary seal and foam dam options available for complete system integration
- Designed to accommodate dynamic loads and operational movement



Key Benefits



Reliable Vapor Control

Provides effective emissions control as part of a complete floating roof system.

Flexible System Design

Configurable to meet a wide range of tank sizes, specifications, and service conditions.



Durable Aluminum Construction

Lightweight, corrosion-resistant materials ensure long service life.



Structural Performance

Designed in accordance with API 650 standards for strength and reliability.



Efficient Installation

Modular components enable straightforward installation and integration.

Key Features

- Designed in accordance with API 650 standards
- Custom configuration for optimal performance
- Durable aluminum construction with excellent working range
- Modular, versatile design for reliable operation
- Certified materials with full traceability
- All-bolted connections with no hot work required
- Components sized to fit through standard tank manways
- Available in leg-supported or cable-suspended configurations
- Multiple material options (aluminum, stainless steel, hybrid)
- Full compliance with EPA and local AQMD regulations

System Intergration

The Direct Deck IFR is designed to operate as a complete system in conjunction with primary and secondary seals, as well as foam dam components, ensuring optimal emissions control and operational performance.

Compliance & Standards

Designed in accordance with API 650 and compliant with EPA 40 CFR 60 and relevant air quality regulations.

Applications

- Petroleum storage tanks
- Chemical storage facilities
- Industrial liquid storage
- Tanks requiring emissions control compliance



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About DirectTank

DirectTank Environmental Products supplies advanced sealing systems and emission control solutions for aboveground storage tanks. Backed by decades of industry expertise, DirectTank delivers reliable engineering solutions designed to improve environmental performance, operational safety, and long-term asset reliability.