

SOLUTION COMPARISON

Turntide Smart Motor System Retrofit vs. VFD Retrofit



VFD Retrofit



Turntide Smart Motor System Retrofit

Comparison	VFD Retrofit	Turntide Smart Motor System Retrofit
Retrofit Scope	VFD	Optimal Efficiency Motor, Controller, Edge Devices, Sensors
Max System Efficiency Comparison at 3hp	86.5% (with NEMA premium induction motor)	92%
Optimal Reliability Motor Winding Design		✓
Built-In Intelligence and Monitoring to Detect Fault Conditions		✓
Built for Connectivity		✓
Integrates with BMS and BAS Systems	✓	✓
Default Controls	Local Only	Cloud-Based
Control Interface	Keypad and Buttons	Mobile and Web App

For more details, read the full white paper [here](#).

TURNTIDE TECHNOLOGY FOR SUSTAINABLE OPERATIONS

Our breakthrough technologies accelerate electrification and sustainable operations for energy-intensive industries.