

KHYATEE®

SINCE 1995

Certified ISO 9001:2015

FULLY AUTOMATIC MULTI PUMP AUTOMATION PANELS

COMMON INVENTORY PRODUCT FOR

- HYDRO PNEUMATIC / BOOSTER
- TANK TO TANK
- DEWATERING / STP
- IRRIGATION



Latest Software Technology ■ Energy Saving ■ Wireless Monitor & Control

Khyatee provides range of new generation Industrial Multi Pump Hydro Pneumatic Automation Panels made with latest Software Technology with Best Quality, Reliability & Fully Integrated System which is easy to Install, Set & Maintain on field.

This System offers Advanced Functionality for Multi Pump Management including Extensive Electrical Safety for Pumps, Timers for Automation, Electricity Saving, Energy Monitoring with GSM based Web Data Logger and Android Application.

BENEFITS

- Specific Hydro Pneumatic System Design can provide water at certain Pressures unlike a Regular Water Supply System
- Presence of this System ensures that no heavy overhead Water Tanks are required reducing Construction Costs
- Energy Consumption of these Systems is less than that of a Traditional System
- Standby Pumps Assure the System is never Downtime

KEY FEATURES

- Micro-controller based Software Technology
- Calibrated Digital Voltmeter & Ammeter
- Easy Accurate & Automatic Pump Current Settings
- Pump Safety for all Electrical Faults - Site Settable Electronic Overload, Current Sensing Dryrun, Input Phase Failure / Reverse Phase, Voltage Unbalance, Extreme High Current etc.
- Site Settable Timers for Automation - Power ON Timer, Star Delta Timer, Toggle timer for Pressure Switch etc.
- Facility to Connect Float Switch as well as Pressure Switch
- Intelligent Software Logic to Operate Pumps in required Sequence
- Auto Changeover when Fault is detected or Pump restarts
- Working voltage Range for Single Phase 160 to 280V & Three phase 280 to 480V
- Auto / Manual, Setting, ON / OFF Switches
- User friendly LED Indications / Display for all Faults
- Color coded ISI Grade Fire Resistant Wire & Lugs as per Current Rating
- Fully Automatic DOL / Star Delta starters with Schneider / Siemens / Chint Contactors
- Suitably rated ISI Mark Siemens or Equivalent C Series MCB
- Panels in IP 54, IP 65 and IK6 Certified Enclosures available



PRODUCT RANGE

Sr. No.	Model	Total Pumps	Working Pumps	Stand by Pumps	Duty Assist Pumps	Pressure Switch Connections
1	KHP 11	1	1	0	0	1
2	KHP 21	2	1	1	0	1
3	KHP 22	2	1	0	1	2
4	KHP 32	3	2	1	0	2
5	KHP 33	3	2	0	1	3
6	KHP 43	4	3	1	0	3
7	KHP 44	4	3	0	1	4

MODEL SELECTION CHART

Sr. No.	Type of Pump	Input Supply	HP	Current Range
1	Monoblock	1 Phase	Up to 2HP	1-18 Amp.
2	Monoblock	1 Phase	Up to 3HP	1-22 Amp.
3	Open well	1 Phase	Up to 1HP	2-20 Amp. (Run Capacitor 36 Mfd.)
4	Open well	1 Phase	Up to 2HP	2-20 Amp. (Run Capacitor 50 Mfd.)
5	Submersible	1 Phase	Up to 2HP	2-20 Amp. (Start & Run Capacitor as required)
6	Submersible	1 Phase	Up to 3HP	2-26 Amp. (Start & Run Capacitor as required)
7	DOL	3 Phase	Up to 5HP	1-18 Amp.
8	DOL	3 Phase	Up to 7.5HP	1-22 Amp.
9	Star Delta	3 Phase	Up to 12.5HP	2-32 Amp.
10	Star Delta	3 Phase	Up to 20HP	2-44 Amp.
11	Star Delta	3 Phase	Up to 30HP	2-63 Amp.



APPLICATIONS

- Multi-Story Water Supply Systems
- Surface Water Pumping Systems
- Industry & Plant Boosting
- Sewerage Pumping Systems
- Irrigation



OPTIONS

- Model Options with Building Management Services (BMS) Facility, Moisture Sensor Connection, Thermal Sensor Connection, Dosing Pump Connection, Hooter Connection, GSM Connectivity, GSM Tank Unit Facility etc.
- Fixed Speed Hydro Booster Panels
- Energy Saving Hydro Booster Panels with VFD
- Panel with Energy Monitoring & GSM Based Web Data Logging and Android Application
- Customized Panels as per Requirements

KHP GSM: HYDRO PNEUMATIC MULTI PUMP AUTOMATION PANEL WITH WIRELESS TANK CONTROLLER



Reduced Downtime,
Enhanced Productivity



Ensure Smooth & Hassle-free
Functioning of the Pumps



Real Time Data Capture:
Alerts & Notifications



Predictive Fault Analysis &
Proactive Approach

All the Features of KHP Series are included in KHP GSM Control Panel

ADDITIONAL KEY FEATURES:

- KHP GSM Control Panel is Connected to the Motor Side
- Tank Controller is Connected near the Tank along with Float Switch / Level Sensors
- These two via GSM SIM Cards Communicate within themselves to keep the tank filled all the time
- All control actions are Password Protected, only Authorized users can Operate Manually via SMS
- Get Real Time Reports for System Status & Faults.
- The System Saves Time, Energy and Water Leading to Energy Conservation and Water Management



WHY KHYATEE ?



Winner of DST - LOCKHEED MARTIN INDIA
INNOVATION GROWTH AWARD 2013



Mission
Motor Safety through
Quality, Reliability and
Innovation



Vision
To Be a Global Player in
Digital Motor Starters
& Solutions

KHYATEE PRODUCT RANGE

- Single / Three Phase Digital Pump Control Panels & Starters
- Single / Three Phase Water Level Controllers / Timers
- GSM Mobile Starters / Wireless Mobile Starters / Energy Monitoring / Web Data Loggers etc.
- Multi Pump / VFD / Hydro-Pneumatic Automation Panels
- Automatic RO Control Panels / GSM
- Water ATMs: Smart Card, Multi Coin, E-Rikshaw, Railway Sets etc.
- Domestic Home Care Series

MANUFACTURED BY

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