



ALGI PRODUCTS AVAILABLE FROM HYDRATEC

ALGI VVVF HYDRAULIC SYSTEM AZFR 2.0

VVVF Power unit with newly developed valve block AZFR 2.0



*12 months
on-site warranty*

All our work comes with the assurance that any callbacks are covered including parts and labour



Our engineers are certified First Aiders so can even work when the site First Aider is absent

For some time Hydratec has been installing and supplying ALGI's original AZFR valve block, designed and manufactured to improve energy consumption, noise levels and ride comfort, importantly reducing heat generation thus allowing for higher starts per hour.

Our directly employed engineers have installed a significant number of the original ALGI VVVF AZFR hydraulic systems in both commercial and residential buildings across the UK. Many of the installations have been located in fully operational premium buildings where dependability is a key issue, these valve blocks have achieved 100% reliability in all cases.

ALGI have now introduced the next generation AZFR available through Hydratec. The new VVVF power unit builds on the quality and reliability of the original, achieving performance improvements in both lowering noise levels and superior ride quality.

NEW FEATURES*

- New measurement system guarantees even higher levels of travel comfort and shorter traveling times with ALGI's new high quality designs
- Measurement and pressure system technology guarantees superior journeys independent of weight and viscosity
- Increased life span of components achieved with ALGI's low-maintenance, minimum wear design
- Encoding system is easily accessible, no need to remove the motor for servicing/replacement
- Super silent drive achieved by eliminating bypass noise during acceleration & deceleration phases
- Certified Safe Stop on all inverter sizes means no need for motor contactors
- VVVF regulated drive requires no other electronic regulator for up or downwards travel
- Chokes and filters fitted as standard, integrated into inverter – no additional wiring in the controller is required

Energy efficient, quiet, smooth and accurate VVVF hydraulic systems that deliver reliability day-in, day-out available from Hydratec

ADVANTAGES OF A VVVF SYSTEM FOR HYDRAULIC PASSENGER AND GOODS ELEVATOR

- Huge reduction in energy requirements & nominal current
- Significantly reduces oil heating
- Very low noise levels
- Lower oil quantity requirements
- Levelling accuracy +/- 3 mm



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Typical savings which can be achieved from changing a conventional valve system to a VVVF system*

