

# Hydraulic Power Units

## *Optional Features*

**These options will customize a hydraulic power unit to meet your requirements.  
See Quick Select Chart for option availability per model number.**

**Option A – 25 ft (7.6 m) Hoses**

Replaces standard 15 ft. (4.5 m) Note: Two (2) A's (AA) options may be required for a dual system (Option C)

**Option B – 50 ft (15.2 m) Hoses**

Replaces standard 25 ft. (7.6 m) hose. Note: Two (2) B's (BB) options may be required for a dual system (Option C)

**Option C – Dual System**

Adds a second set of pressure and return hoses with shut off valves

**Option D – Dual System With Crossover Check**

Simulate helicopter main system failure to test secondary system for correct operation

**Option E – Hour Meter (50 Hz)**

Adds monitor to help schedule filter changes and other maintenance functions

**Option F – Hour Meter (60 Hz)**

Adds monitor to help schedule filter changes and other maintenance functions

**Option G – Voltage Monitor (200/230 Vac)**

Adds a shut down feature in the event an incorrect input voltage, phase loss, incorrect phase sequence, low voltage, high voltage and or unbalanced voltage occurs

**Option H – Voltage Monitor (380 Vac)**

Same description as Option G

**Option I – Voltage Monitor (415/460 Vac)**

Same description as Option G

**Option J – Voltage Monitor (575 Vac)**

Same description as Option G

**Option K – Pyrometer**

Adds a temperature gauge to monitor return oil temperature

**Option L – Electronic Reservoir Sensor**

Adds a feature to power hydraulic power unit down if reservoir fluid level is either too high or too low. Includes panel warning lights

**Option M – Hand Pump**

Adds a 5,000 psi (345 bar) Hi/Lo hand pump, 2 micron filter & 10,000 psi (690 bar) pressure gauge to be used for reservoir service or component testing. Except on 51, 5B and 5C Series units, a 500 psi (34.5 bar) hand pump is added, no pressure gauge

**Option N – Towing/Trailer Package**

Adds rubber tires, leaf springs suspension, automatic brake and towbar for towing between hangers

**Option P – Overflow Return Hose**

Adds a reservoir return dump hose from aircraft reservoir to unit reservoir

**Option Q – Calibration Port**

Adds the capability to attach a test gauge to instrument panel to calibrate pressure gauge to rated capacity of the hydraulic unit

**Option R – Electric Filter Clogging Indicator**

Adds a sensor to detect pressure differential between filter input and output with a panel warning light to detect need for filter change

**Option S – Over Temperature Shutoff Sensor**

Adds sensor to the return system of the hydraulic unit to shut down before it over heats. Includes panel warning lights

**Option T – Return Backpressure  
With Return Sight Glass**

Controls return hose backpressure. Sight glass on addition return hose is included (For use with Citation aircraft where required)

**Option U – Return Sight Glass**

Adds a sight glass to monitor possible air in return line fluid

**Option V – Return Backpressure Valve**

Adds an adjustable backpressure valve that prevents aircraft reservoir from draining back to unit reservoir

**Option W – Return Filter**

Adds a 5 micron return filter to those units where it is not standard (Series 50 & 51 hydraulic unit only)

**Option X – Height Extension Unit**

Used on series 50 hydraulic unit to raise controls to a more comfortable operating

**Option Y – Dual Return Sight Glass**

For use with dual system

**Option Z – No Return Valves**

For use with dual system

**Option 1 –Return Backpressure**

For use with dual system

**It is the responsibility of the purchaser to specify CE compliance if required**