

# NACHI Energy Saving Hydraulic Units

Space Saving

Low Ambient Temperature - More Accuracy

Noise Reducing

Precise Pressure & Flow Control



NSP Standard Series  
NSP-i Inverter Drive Series  
Power Fit (NPQ) Series  
Power Meister (UPS) Series

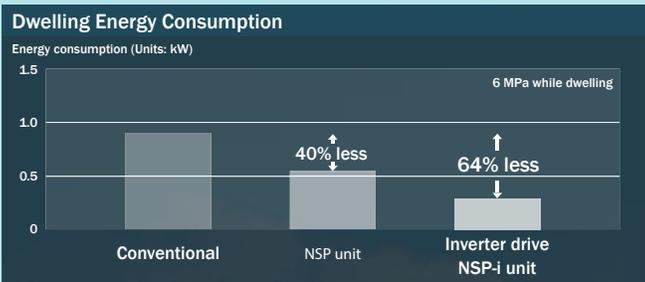


# NSP - Standard & NSP-i - Inverter Drive Hydraulic Units

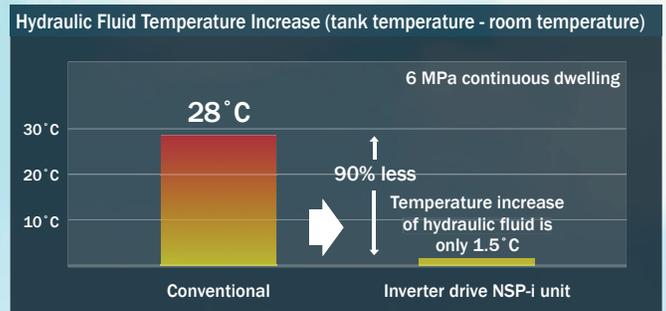
- **Compact Variable Vane Pump for Machine Tool**
- **Added Inverter Drive to compact body to make even more environmentally friendly & quiet**

## Energy Consumption Reduced by Approximately 64% (compared to our standard unit while dwelling)

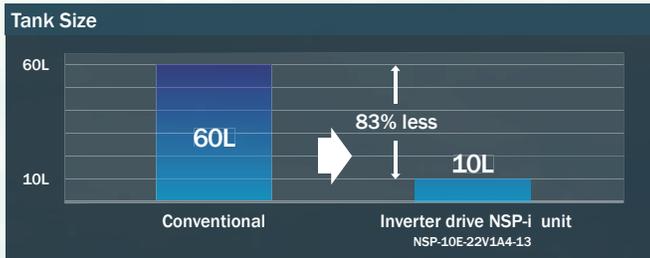
The base NSP unit consumes about 40% less energy than our standard unit. By adding the inverter drive we increase energy savings to 64% compared to our standard unit.



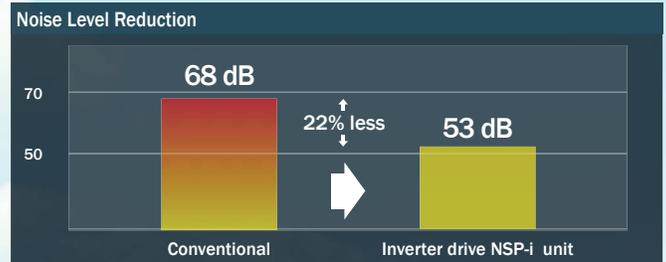
The NSP-i series benefits your entire system by lowering oil temperature to improve machining accuracy, lengthen the life of seals and hydraulic fluid, and reduce factory air conditioning costs.



## Greatly Reduce the Volume of Hydraulic Fluid

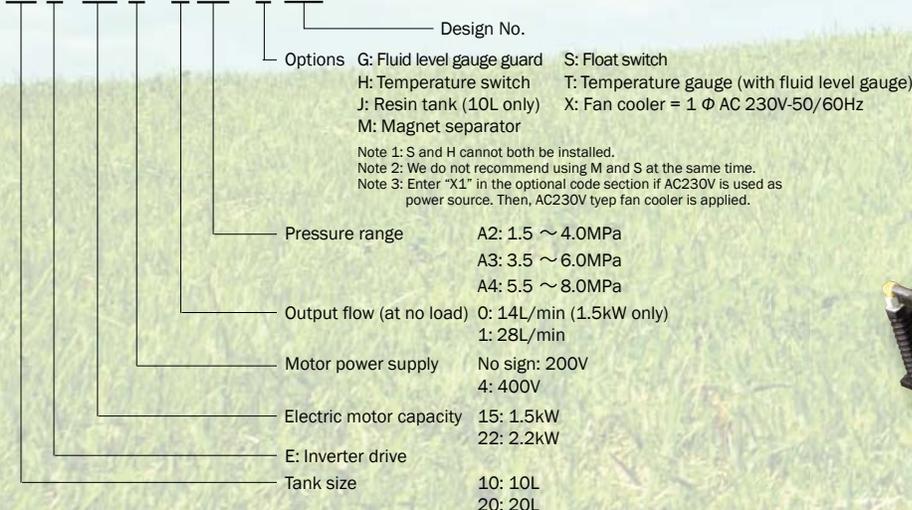


## Greatly Reduce the Noise Level when Dwelling



## Explanation of Model Numbers

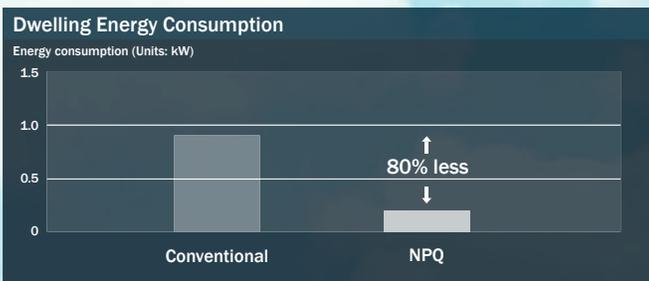
**NSP - \*\* E - \*\* \* V \* A\* - \* - 20**



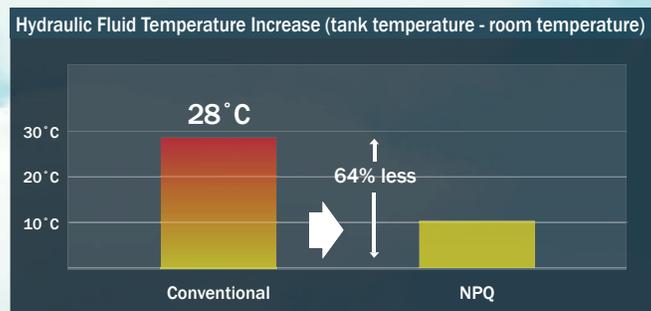
# Power Fit (NPQ) Hydraulic Units

- **Variable Displacement Piston Pump Drive**
- **High Pressure**      **3625 psi (PVS) 4060 psi (PZS)**
- **High Flow**            **23.8 gpm (PVS) 37.0 gpm (PZS)**

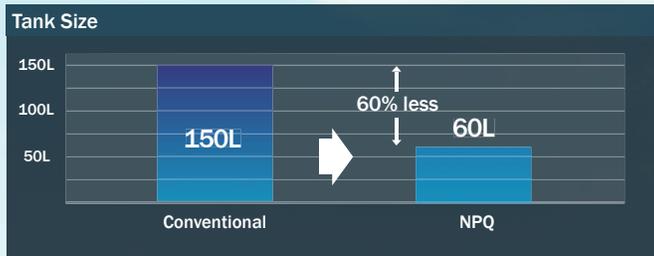
## Energy Consumption Reduced by Approximately 80%



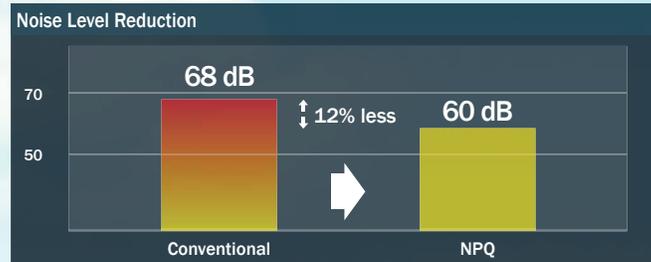
## Temperature Reduced



## Greatly Reduce the Volume of Hydraulic Fluid

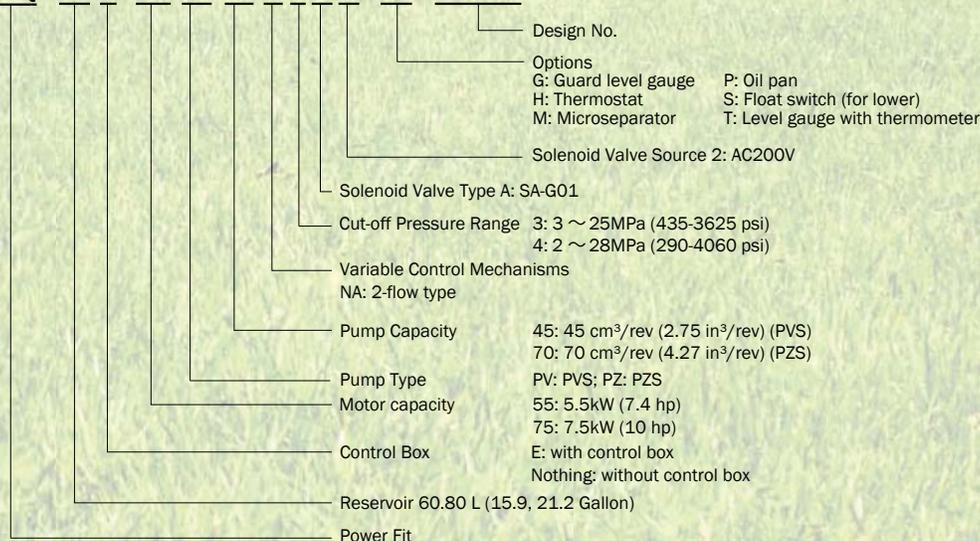


## Greatly Reduce the Noise Level when Dwelling



## Explanation of Model Numbers

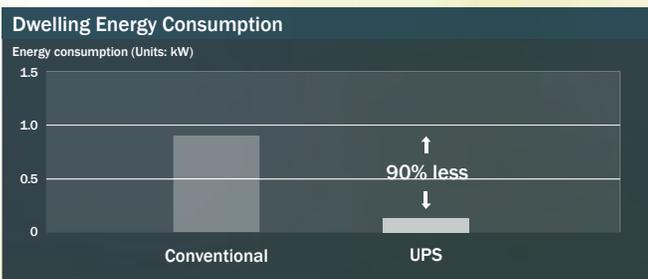
**NPQ - 60 E - 55 PV 45 N 3 A 2 - \*\* - 6161A**



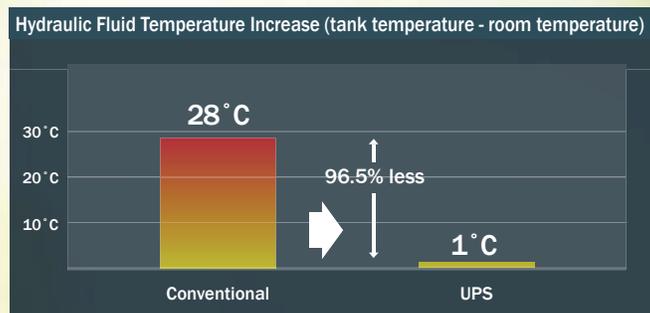
# Power Meister (UPS) Hydraulic Units

- **Compact Hydraulic System for Energy Savings & High Precision**
- **High Pressure - 4350 psi**
- **High Speed Processing of the Servo Controller**

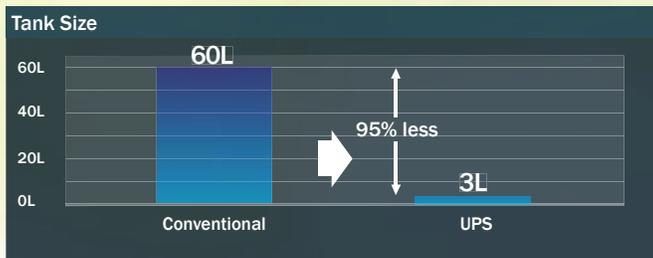
## Energy Consumption Reduced by Approximately 90%



## Temperature Reduced



## Compact All-in-One design saves space

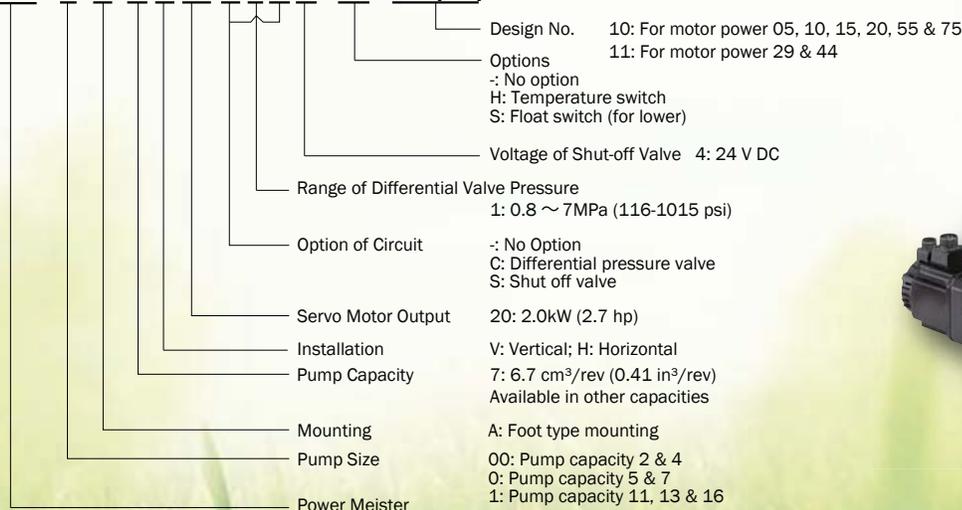


## Pump operates only when necessary for low noise



## Explanation of Model Numbers

**UPS - 0 A - 7 V 20 C 1 S 4 - HS - 10 (11)**



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