

▼ ZA4204TX-QR



II 2 GD ck T4
DEKRA 0602



Z Tough.
Dependable.
Innovative.
CLASS



Torque Wrench Pump Selection Matrix

For optimum speed and performance see the torque wrench pump selection matrix.

Page: 291

- Two-speed operation and high by-pass pressure reduces cycle time for improved productivity
- Glycerin filled pressure gauge with transparent overlays in Ft.lbs and Nm for Enerpac torque wrenches provide a quick torque reference
- Regulator-Filter-Lubricator with removable bowls and auto drain is standard
- Ergonomic pendant allows remote operation up to 20 feet
- Valve technology reduces oil operating temperatures and withstands contaminants to increase pump reliability



Torque Wrench Hoses

Use Enerpac twin safety hoses to connect your torque wrench to the pump.

10,000 psi	
6.5 feet long, 2 hoses	THQ702T
19.5 feet long, 2 hoses	THQ706T
39 feet long, 2 hoses	THQ712T



ZA4208TX-QR0P PowaPak™ Air Torque Pump

ZA4T Pump with stainless steel roll cage and certified lifting eye.

▼ Most hydraulic torque wrenches can be powered by the Enerpac ZA4-Series torque wrench pump.



Air Driven Torque Pumps



ZA4T-Series Pump Applications

The ZA4T-Series pump is best suited to power medium to large size torque wrenches.

Patent-pending *Z-Class* technology provides high by-pass pressures for increased productivity. Its high power-to-weight ratio and compact design make it ideal for applications which require easy transport of the pump.

For further application assistance contact your local Enerpac office.

ATEX Certified

The ZA4T-series pumps are tested and certified to conform to the EU-ATEX Directive, 2014/34/EU.

The explosion protection is for Equipment Group II, Equipment Category 2 (Hazardous Area Zone 1), in Gas and /or Dust atmospheres.

The ZA4T-series pumps are marked with: Ex II 2 GD ck T4.



ZA4T Series



Reservoir Capacity:

1.2 and 1.8 gallons

Flow at 10,000 psi:

60 in³/minute

Air Consumption:

20 - 100 scfm

Maximum Operating Pressure:

10,000 psi

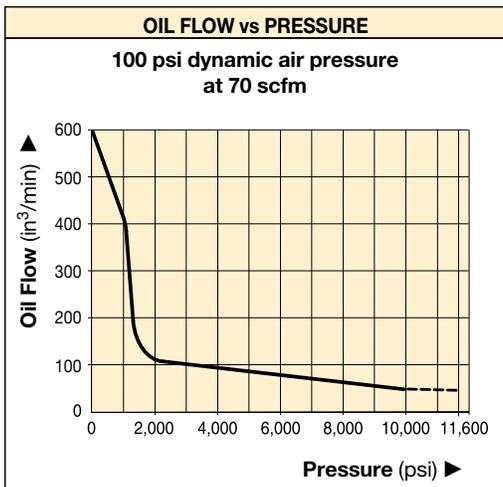


Accessory Options

Available by placing the following additional suffix at the end of the model number:

- K** = Skidbar
- M** = 4-wrench manifold
- R** = Roll cage

Page: **309**



Gauge Overlay Kit

Gauge overlay kits are also available separately.

GT4015Q includes overlays for all S-, W-, RSL-, DSX and HMT-Series Torque Wrenches.

▼ **ZA4208TX-QR** for improved wrench performance and torque control at low pressure.



▼ COMMON PUMP MODELS

For Use With Torque Wrenches	Maximum Operating Pressure (psi)	Model Number 1)	Reservoir Capacity (gal)	Weight with Oil (lbs)
For all S-, W-, RSL-, DSX and HMT-Series wrenches	10,000	ZA4204TX-Q	1.2	94
	10,000	ZA4208TX-Q	1.8	100
	10,000	ZA4204TX-QR*	1.2	101
	10,000	ZA4208TX-QR*	1.8	112

* With roll cage

1) All models meet CE safety requirements and all TÜV requirements.

▼ This is how a ZA4T-Series pump model number is built up:



1 Product Type

Z = Pump Series

2 Motor Type

A = Air motor

3 Flow Group

4 = 60 in³/min @ 10,000 psi

4 Valve Type

2 = Torque Wrench Valve

5 Reservoir Capacity

04 = 1.2 gallon

08 = 1.8 gallons

6 Valve Operation

T = Air operated valve with pendant

7 Voltage

X = Not applicable

8 Factory installed features and options

Q = 10,000-psi coupler for use with S-, W- RSL-, DSX- and HMT-Series or other wrenches

K = Skidbar

M = 4-wrench manifold

R = Roll cage



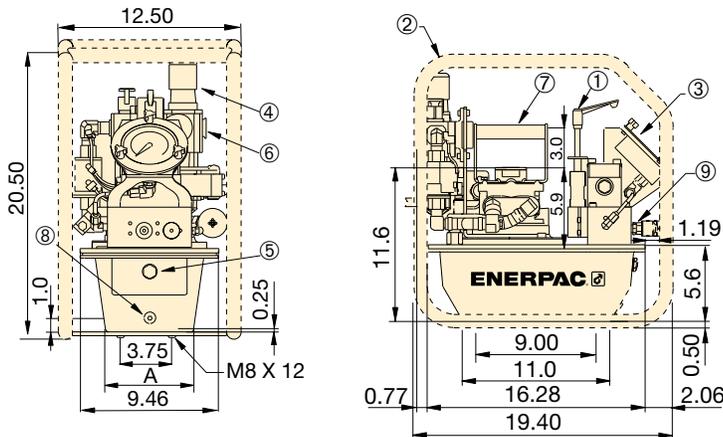
How to Order Your ZA4T-Series Torque Pump

Ordering Example: Model No. ZA4208TX-QMR

10,000-psi pump for use with Enerpac S, W, RSL, DSX, and HMT-Series and other 10,000-psi torque wrenches, 2-gallon reservoir, 4-wrench manifold, and roll cage.

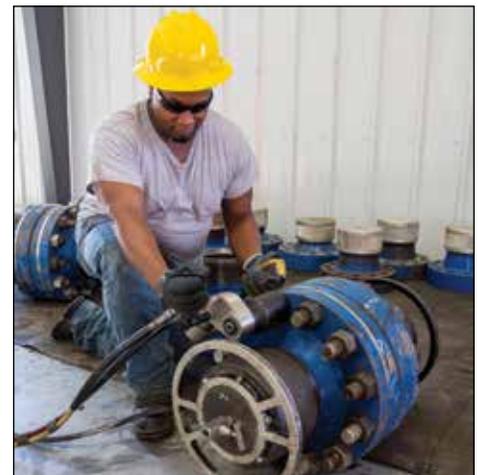
Refer to the torque wrench pump selection matrix for optimum wrench, pump and hose combinations.

Dimensions shown in inches.



- ① User adjustable relief valve
- ② Roll bar cage (optional)
- ③ Gauge with overlays
- ④ Filter/lubricator/regulator
- ⑤ Oil level sight gauge
- ⑥ Air input 1/2" NPTF
- ⑦ Standard handle
- ⑧ Oil drain
- ⑨ 1/4"-18 NPTF Oil Outlet

▼ Most hydraulic torque wrenches can be powered by the Enerpac ZA4T-Series torque wrench pump.



ZA4T-Series Torque Pumps

Reservoir Size (useable gallons)	A (in)
1	6.0
1.75	8.1

ZA4T Performance							
Output Flow Rate (in ³ /min)				Dynamic Air Pressure Range (psi)	Air Consumption (scfm)	Sound Level at 100 psi Dynamic (dBA)	Relief Valve Adjustment Range (psi)
100 psi	700 psi	5,000 psi	10,000 psi				
600	500	80	60	60-100	20-100	80-95	1,400-10,000*

* Pump type (-Q) shown.

Torque Pump Options



Skidbar

- Provides greater pump stability on soft or uneven surfaces
- Provides two-handed lift

Accessory Kit No. *	Can be used on ZA4T-Series torque wrench pumps
SBZ-4	1.2 and 1.8-gallon reservoir

* Add suffix **K** for factory installation.
Skidbar weight 4.9 lbs.

Ordering Example:

Model No. ZA4208TX-QK



4-Wrench Manifold

- For simultaneous operation of multiple torque wrenches
- Can be factory installed or ordered separately

Accessory Kit No. *	Can be used on ZA4T-Series torque wrench pumps
ZTM-Q	for 10,000 psi torque wrenches

* Add suffix **M** for factory installation.
Manifold weight 7.9 lbs.

Ordering Example:

Model No. ZA4208TX-QM

ZA4T Series



Reservoir Capacity:

1.2 and 1.8 gallons

Flow at 10,000 psi:

60 in³/minute

Air Consumption:

20 - 100 scfm

Maximum Operating Pressure:

10,000 psi



ZA4208TX-QR0P PowaPak™ Air Torque Pump

ZA4T-Series Pump with stainless steel roll cage and certified lifting eye.



10,000 psi Spin-on Couplers

- Mounted on:
 - Torque wrench pumps with suffix "Q"
 - S, W, RSL, DSX and HMT-Series wrenches
 - THQ-Series hoses
 - 4-Wrench manifold ZTM-Q



Roll Cage

- Protects pump
- Provides greater pump stability

Accessory Kit No. *	Can be used on ZA4T-Series torque wrench pumps
ZRC-04	1.2 and 1.8-gallon reservoir

* Add suffix **R** for factory installation.
Roll bar cage weight 7.5 lbs.

Ordering Example:

Model No. ZA4208TX-QR



Twin Torque Wrench Hoses

Use Enerpac **THQ700** series twin hoses with 10,000 psi pumps.

10,000 psi	
6.5 feet long, 2 hoses	THQ702T
19.5 feet long, 2 hoses	THQ706T
39 feet long, 2 hoses	THQ712T