

Specifications and outline dimensions of DPQ 375-425 (AC) T2 Mid-low pressure series diesel engine driven portable dual pressure air compressor

Model	DPQ375H	DPQ375HH	DPQ425H	DPQ425HH	DPQ400XH
Complete Machine					
Rated discharge pressure bar (psi)	10.3(150)	12.0(175)	10.3(150)	12.0(175)	13.8(200)
Nominal capacity flow m³/min (CFM)	10.6(375)	10.6(375)	12.0(425)	12.0(425)	11.3(400)
Working pressure range bar	3.8-10.3	3.8-12.0	3.8-10.3	3.8-12.0	3.8-13.8
Max. towing speed km/h	35				
Max. working angle	15°				
Noise pressure level ±3dB(A) (7 meters away from machine)	76				
Total machine weight kg	2000				
Outline dimensions: L×W×H mm	4010×1992×1973				
Track width mm	1746				
Tire specification	7.5-16(14PR)				
Tire pressure kPa	630-700				
Max. working altitude (m)	3048				
Diesel Engine					
Manufacturer	CUMMINS				
Model	6BT5.9-C				
Full-load/no-load speed rpm	2250/1600				
Rated power BHP (kW)	135(100)	154(113)	154(113)	180(132)	180(132)
Displacement L (in³)	5.9 (360)				
Water tank capacity L (U.S. gal)	18.9 (5.0)				
Engine oil capacity L (U.S. gal)	14.2 (3.7)				
Fuel tank capacity L (U.S. gal)	200 (52.8)				
Electrical system working voltage V	24				
Rated capacity of battery C20 (A.H)	180				
Compressor					
Specification of air supply valve	1-Rp1/2, 1-Rp3/4, 1-Rp 1' 1/4				
Fluid capacity L (U.S. gal)	26.5 (7.0)				

Note: Please directly consult the engineering department for the specifications of skid-mounted model.



Suzhou Sullair Air Equipment Co.,Ltd.
No.266 Changyang Street,Suzhou Industrial Park,Suzhou,Jiangsu,China Tel: 86-512-87162388 F ax: 86-512-87162389

Sullair Asia Pte Ltd.
30 Pioneer Crescent, #10-15 West Park BizCentral, Singapore 628560 Tel: (65)63057436/63057445 Fax: (65)63057414

Sullair Taiwan L td.
3F-1,No.248,Chung-Shan Road Lin-kou Hsiang,Taipei Hsien Tel: 886-2-26013500 F ax: 886-2-26013032



88032471606-Sullair reserves the right of modification without further notice for the above data.



DPQ 375-425 (AC) T2 Mid-low Pressure Series
Diesel Engine Driven Portable
Dual Pressure Air Compressor

150 PSI (10.3bar) – 200PSI (13.8bar)
375CFM (10.6m³/min) - 425CFM (12.0 m³/min)

- Single stage oil injection screw compressor
 - Two-stage dry type heavy-duty air filters with safety filter elements
 - Deluxe instrument panel
 - All weather (AWF) compressor fluid
- CUMMINS mechanical controlled Engine
 - Dual air pressure control
 - 0 to 100% capacity control
 - Automatic air inlet valve and unloading start-up device

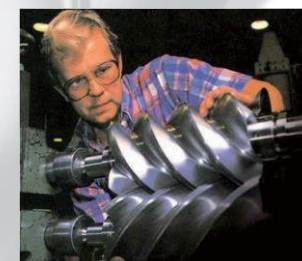
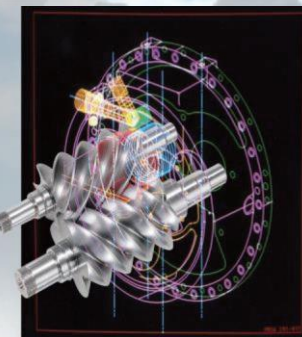


DPQ 375-425 (AC) T2 Mid-low Pressure Series Diesel Engine Driven Portable Dual Pressure Air Compressor

150 PSI (10.3bar) – 200PSI (13.8bar)
375CFM (10.6m³/min) - 425CFM (12.0 m³/min)

● Sullair high effective screw rotor

- The pairing processed Sullair rotor originally made in the United States guarantees the matching accuracy and compression efficiency
- The air end rapidly forms the film with the pitch line of the gear crest of female rotor by the slot line of gear root of male rotor when the rotation is processed, thereby reducing internal leakage and increasing displacement
- Unique sealing groove technology effectively reduces the leakage between the gear tip clearance and the contact line, guaranteeing adequate displacement and discharge pressure



● Sullair screw compressor air end with excellent performance

- Sullair single stage screw compressor air end of patented technology and higher compression efficiency is adopted. The entire apparatus is reliable, durable and more energy-saving.

● Sullair air end can be used under the altitude of 5000 meters with always stable air displacement and pressure, especially suitable for high altitude.

Cummins engine with all in-line six-cylinder

● Mechanical controlled

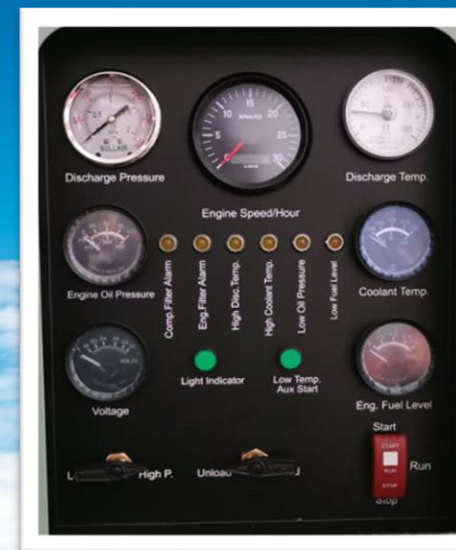
- Advanced design and sophisticated manufacturing; applicable to all kinds of harsh working conditions; strong working ability under high duty and heavy loading
- High durability
Robust constructions, design analysis and optimization
Tens of thousands of experiments and test
Strict supplier control
Strict design target to ensure super long service life
- Low emission
- Meets the strictest emission regulations in the world
- Noise level certified by European regulations
- Good fuel economy



• FIVE YEARS OR
10,000 HOURS
AIR END WARRANTY



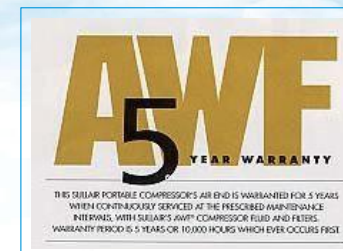
Satisfy the stage II
emission standard for
non-highway in Asia
and Europe



● Deluxe Instrument Panel

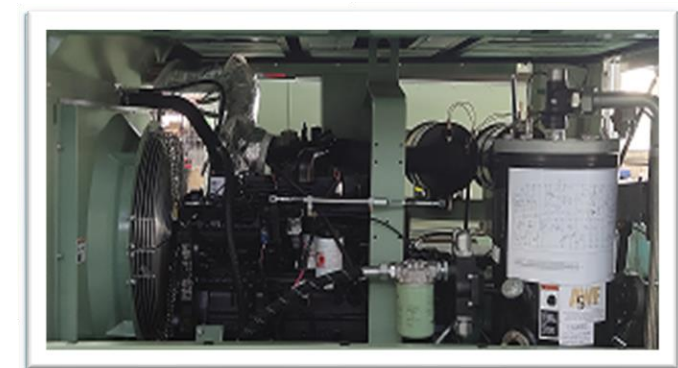
Mechanical instrument air supply pressure gauge, tachometer/hour meter, oil pressure gauge, oil temperature gauge, water temperature gauge, fuel level gauge, voltmeter, start/run switch, compressor & engine filter alarm indicators, high discharge temp alarm indicator, high coolant temp alarm indicator, low engine oil pressure alarm indicator, low fuel level alarm indicator, load/unload valve selector and High/low pressure selector.

● The special Sullair compressor all weather fluid (AWF) functions normally at any ambient temperature between -29°C and +49°C



● Reliable design of the whole machine

- Coolant adopts model design and floating installation to make it easy for replacement and maintenance
- Air inlet filter with great dust capacity and fluid filter with high precision are adopted to ensure the reliable running of the compressor air end
- fuel filter system ensures the quality of fuel, and the strong adaptability guarantees the reliable running of the engine



● Engine discharge system is secure, reliable and silent

● Model with aftercooler is optional

● Design of easy for maintenance

- The wide maintenance door makes parts including the air filter, fluid filter, electrical control system, compressor and fluid cooler, etc. within reach, simple and convenient maintenance, reducing the downtime and maintenance charges
- Support with special design is convenient for hoisting and transportation

● Enclosed silent design meets the noise requirement of American standards

