

STANLEY[®]



COMPRESSOR

SPECIFICATIONS

POWER	2.0HP Max	
TANK SIZE	24 Lit.	
SPEED	2850RPM @50Hz	
AIR DISPLACEMENT	50Hz @40PSI	3,7 CFM/PCM
	50Hz @90PSI	2,6 CFM/PCM
	50Hz @115PSI	2,4 CFM/PCM
PRESSURE	8 BAR	
WEIGHT	24KG	

INCLUDES:
Compressor and wheel assembly

STCT224
24L Compressor

*Volume is measured in cubic feet per minute (CFM) or standard cubic feet per minute (SCFM). When selecting and using a compressor, it is the relationship of CFM (volume of air) and PSI (the force of the pressurized air delivered to the tool) that is important.

SPECIFICATIONS

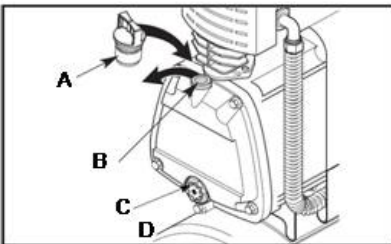
POWER	2.0HP Max
TANK SIZE	50 Lit.
SPEED	2850RPM @50Hz
AIR DISPLACEMENT	50Hz @40PSI 3,7 CFM/PCM 50Hz @90PSI 2,6 CFM/PCM 50Hz @115PSI 2,4 CFM/PCM
PRESSURE	8 BAR
WEIGHT	30.3KG

INCLUDES:
Compressor and wheel assembly

STCT250
50L Compressor

STANLEY

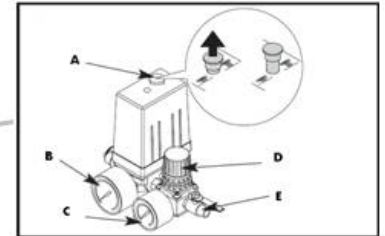
FEATURES & BENEFITS



- A – Dip stick
 - B – Plug
 - C – Oil sight glass
 - D – Oil drain plug
- * Before operation, Please remove the plug and substitute with the dip stick for future use.



Air intake filter housing



- A – On/off Switch
- B – Tank pressure gauge
- C – Outlet pressure gauge
- D – Pressure regulator
- E – Compressed air outlet

24/50L Capacity Pressure Vessel

Carry-on Wheels

Condensed Water Drain Valve

Safety Valve

Compressor Pump





FEATURES & BENEFITS

Thermal Protective Device

-Protect the machine operation safety

Piston Pump - Oil Lubricated

-Longer life

Tank Certified under strict Quality Norms

Internal & External Pressure Regulator
-Ease of use

20/50L Capacity

Safety Valve(ASME Approved*)

*Certification by ASME-the American Society of Mechanical Engineers is the only guarantee of quality in workmanship and materials, and is a main measure of quality. An ASME certified safety relief valve which will allow air to escape automatically if pressure in the tank should ever exceed the maximum. This valve will have a pull ring attached to it to allow you to check the valve to make certain the valve is not clogged or corroded.

Carry-on Wheels
-Convenient for movement

Condensed Water Drain Valve



PRIOR TO EACH USE.....

- Check air hoses for damage, replace if necessary
- Check all screws connections for tightness, tighten if necessary.
- Check power supply cable for damage, if necessary have replaced by a qualified electrician.

SAFETY IS THE MOST IMPORTANT

EVERY 50 OPERATION HOURS.....

- Check air filter element of compressor pump, clean if necessary
- Check oil level of pump at oil sight glass, top up oil if necessary.
- Drain condensation from pressure vessel.

EVERY 250 OPERATION HOURS.....

- Replace air intake filter element of compressor pump

EVERY 500 OPERATION HOURS.....

- Drain oil and fill with fresh oil

EVERY 1000 OPERATION HOURS.....

- Have unit serviced by an authorized service center. This will extend the compressor's service life considerably

**THIS WILL EXTEND THE COMPRESSOR'S
SERVICE LIFE CONSIDERABLY.**

Problem Motor does not start or does not restart
(Do not insist to start the motor. Do it only after you have discovered and eliminated the cause of the problem)

Code 1, 2, 3, 4, 5, 7, 14, 15, 22

Problem Reduce air production
(Pressure gauge keeps showing a lower pressure than that of the job)

Code 6, 8, 9, 10, 11, 13, 16

Problem The compressor unit overheats

Problem High temperature of the compressed air

Code 5, 6, 8, 9, 10, 11, 12, 13, 20

Problem Compressor operate uninterruptedly

Code 6, 8, 13, 25

Problem Excessive consumption of lubricating oil
(Compressors usually use more oil in the first 200 working hours until rings are smoothly adjusted)

Code 6, 10, 12

Problem Lubricant oil with unusual color

PLEASE READ INSTRUCTION MANUAL CAREFULLY

Problem Electric motor overheats

Code 5, 7, 10

Problem Premature wear of the compressor unit internal parts

Code 6, 9, 10, 12, 15, 16, 23

Problem Abnormal noise or vibration

Code 15, 16, 17

Problem Tank pressure increases quickly or too frequent starts (The normal number of starts is roughly 6 an hour)

Code 19, 24

Problem Insufficient pressure for required work

Code 15, 18, 24

Problem Air leakage through relief valve of pressure switch or compressor unit (when assembled), with compressor operating for more than 1 (one) minute (valve closes above 20 psi (1.3 bar))

Code 25

cod	POSSIBLE CAUSE	POSSIBLE SOLUTION
1	Voltage drop or electrical supply is out.	Check the installation and/or wait for the electrical supply stabilization.
2	Damaged electric motor.	Send it to the nearest StanleyBlack&Decker Authorized Service Center.
3	Tank is full of air.	Electric motor will start as soon as the pressure in the tank decreases.
4	Installation fuse has burned out.	Find out the burning cause Page. 21
5	Check valve does not seal because of impurities.	Send the compressor to the nearest StanleyBlack&Decker Authorized Service Center
6	The demand is above the compressor's capacity.	Check the compressor's capacity.
7	Thermal protector tripped.	Turn compressor off, wait for 5 (five) min. and reset the protector. If tripping is frequent, look for the nearest StanleyBlack&Decker Authorized Center
8	Filter clogged.	Replace it.
9	Air leakage in the compressor.	Re-fasten bolts and/or fittings.
10	High ambient temperature (Max. 40°C or 104°F)	Improve local conditions.

11	Valve plate joint is broken.	Look for the nearest StanleyBlack&Decker Authorized Center.
12	Wrong oil or low oil level.	Change oil.
13	Carbonized valve plate.	Clean it every 1000 working hours or 12 months at your nearest StanleyBlack&Decker Authorized Service Center.
14	Deficient or inadequate electrical supply.	Have a specialized technician check it.
15	Operating in a non-adequate environment.	Improve local conditions.
16	The oil change did not occur at the recommended interval.	See "Care and Maintenance" Page 21
17	Loose fastening elements.	Find and re-fasten them.
18	Continuous air leakage through pressure switch's relief valve when compressor shuts off.	Send compressor to the nearest StanleyBlack&Decker Authorized Center
19	Excess water in the tank.	Drain the tank through the drain as indicated in Fig. B - Page 2
20	Too much dust and paint on the compressor.	Clean the compressor externally.

21	Water is mixed with the oil (milky coloration).	Change the lubricant oil and run your pressure compressor for 15 min, at a maximum pressure of 100 psi (7.0 bar). This will remove any internal condensation signs inside pump.
22	Ambient temperature below minimum recommended 5°C (41°F).	Run the equipment above 5°C (41°F)
23	Operating too long below pressure of 60 psi (4.0 bar).	Compressed air consumption higher than compressor's flow.
24	Pressure regulator valve not adjusted (Fig. H)	Adjust it.
25	Relief valve not seal because of impurities.	Send compressor to the nearest StanleyBlack&Decker Authorized Center