



HUSHPRO 20

AIR COMPRESSOR INSTRUCTION MANUAL



SIFCO
fastening solutions

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HUSHPRO 20 AIR COMPRESSOR

INSTRUCTIONS AND GUARANTEE

FOREWORD

This manual has been prepared to facilitate the use and servicing of your compressor. If followed carefully, these instructions will ensure efficient operation and low maintenance costs. Sections marked by the word **IMPORTANT** contain special directions which, if not properly carried out, can cause damage to persons and property. Only the use of original spare parts will ensure the efficiency and working life of your compressor.

UNPACKING

The packaging may include metal staples, always wear safety gloves and use pliers when removing them.

- Make sure compressor is in perfect condition and that the following items are present: user and maintenance manual, wheels and/or vibration dampers, air intake filter.
- If necessary, fit the wheels and/or vibration dampers **H** (Fig 1).

INSTALLATION

Install compressor only in well-ventilated rooms as free as possible of dust and excess moisture. Always position the compressor **at least 50cm** from any obstacles that could obstruct the passage of air and hence affect the cooling system.

ELECTRIC POWER

Compressor should be located AS CLOSE AS POSSIBLE to 240 volt 50 cycle mains power – extension power cords should be capable of carrying 15 AMP and should not exceed 4 metres in length.

INITIAL START UP

- Insert the mains plug and switch on using the switch **A**.
- The first time the compressor is switched on, leave it to run for about five minutes with the air condensation valve (**E**) open. Close the valve and check that the compressor pressurises the air tank, stopping when it reaches 175 PSI (as indicated by the tank pressure gauge **D**).
- The compressor operates in automatic mode, stopping when the pressure reaches 175PSI and restarting when the pressure falls to the calibrated minimum value.

IMPORTANT: When the compressor is operating correctly it releases a puff of compressed air each time it is switched off and a puff of air each time it is switched on.

IMPORTANT: Never use the wall switch to stop the compressor. To start or stop compressor always use the pressure switch on/off control **A** (Fig 2). This allows the air in the head to be released and facilitates subsequent restarting.

IMPORTANT: Pressure cannot be regulated by the pressure switch.

REGULATING WORKING PRESSURE

You can regulate the output pressure which is indicated by the gauge **F** by adjusting the regulator **C**. When using pneumatic tools always check the optimum working pressure of the tool.

IMPORTANT: If pressure is kept at maximum setting for a prolonged period of time, it can cause the regulator's diaphragm to become worn. After use, reset regulator at zero by turning knob **C**.

CHANGING A TOOL

Tools are connected via the quick release coupler **B**. Whenever it is necessary, connect a tool or change one when the air tank is pressurised.

- Release the quick release coupler fitting by pushing the flange inwards, the air flow is interrupted immediately.

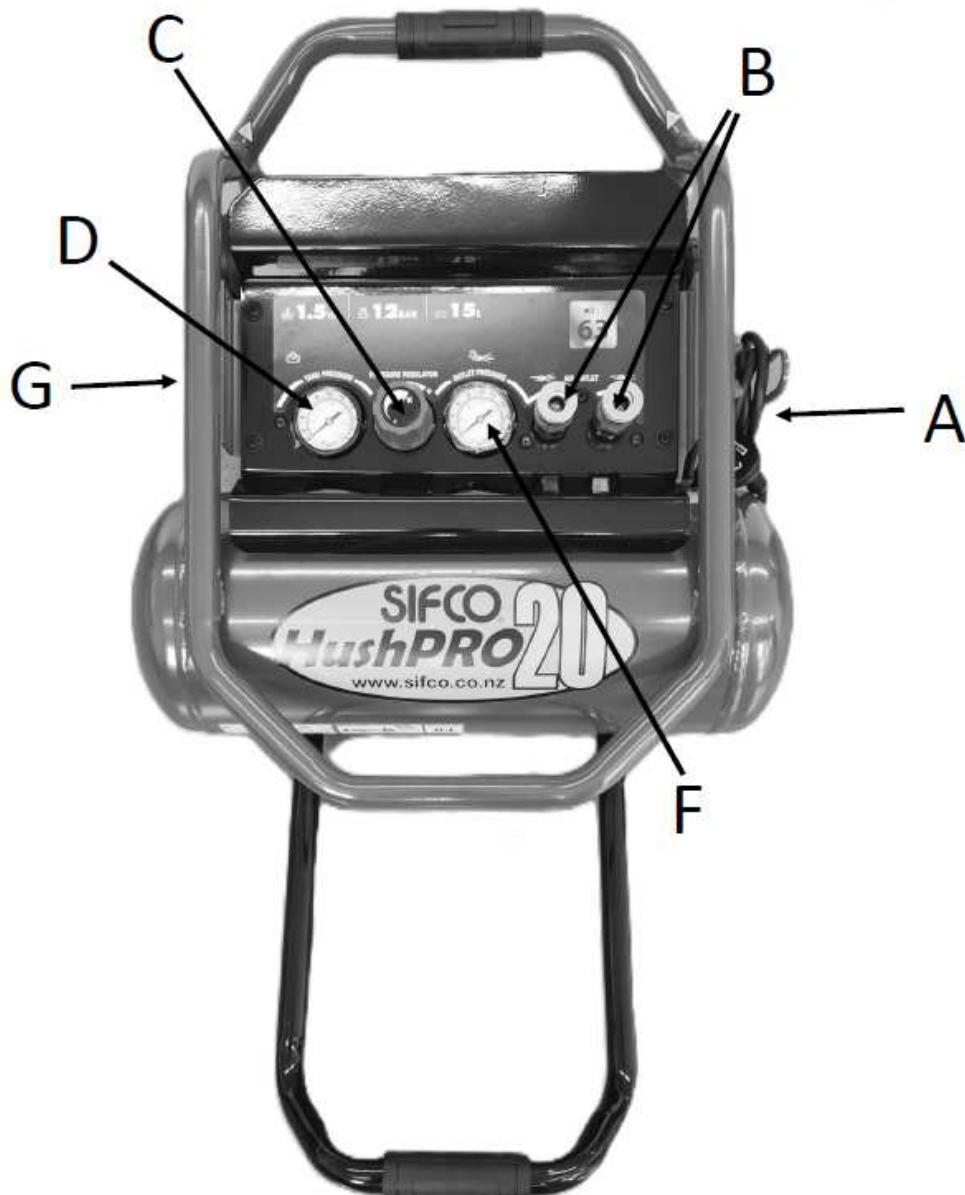
OVERLOAD CUTOUT

Compressor is fitted with a motor-protector, which automatically interrupts the electrical power supply if an overload occurs. In this case, disconnect the power supply and wait a few minutes, then restart the compressor. If the motor-protector trips again, disconnect the power supply and contact a SIFCO service centre.

FIG 1



FIG 2



PERIODIC SERVICING: Turn the compressor off and let all the air out of the tank before carrying out any maintenance work.

Daily - Drain condensation by opening the valve **E**, positioning the tank so that the valve opening points downwards, close the valve as soon as it begins to vent air only.

Monthly (or more frequently if used in a dusty environment) – Remove intake filter **F** and clean. Change filter element yearly. Wash with detergent, rinse and dry thoroughly.

IMPORTANT – Do not operate the compressor without the intake filter.

TROUBLE SHOOTING

The tank pressure decreases

- (a) Check that all the connectors are closed correctly. If the problem persists contact a SIFCO Service Centre.

Air Leaks from the pressure switch when the compressor is not running

- (a) Clean the valve seal seat thoroughly.
- (b) Substitute the sealing element if necessary.

Air Leak from the pressure switch when the compressor has been running for more than 1 minute

- (a) Idle start valve faulty.
- (b) Switch off power and call SIFCO Service Centre.

Compressor stops and does not start again

- (a) Disconnect the power supply, wait a few minutes and then reconnect and turn on.
- (b) If the motor-protector trips again when the compressor is restarted switch off power and call SIFCO Service Centre.

Compressor does not stop when it reaches 175PSI causing the safety valve to open

- (a) The pressure switch may be faulty.
- (b) Switch off power and call SIFCO Service Centre.

The compressor fails to pressurise the tank and overheats

- (a) Blown head gasket or faulty valve.
- (b) Switch off power immediately and call SIFCO Service Centre.

Compressor is very noisy with rhythmic, metallic hitting

- (c) The bushing or ferrule may have become seized.
- (d) Switch off power immediately and call SIFCO Service Centre.

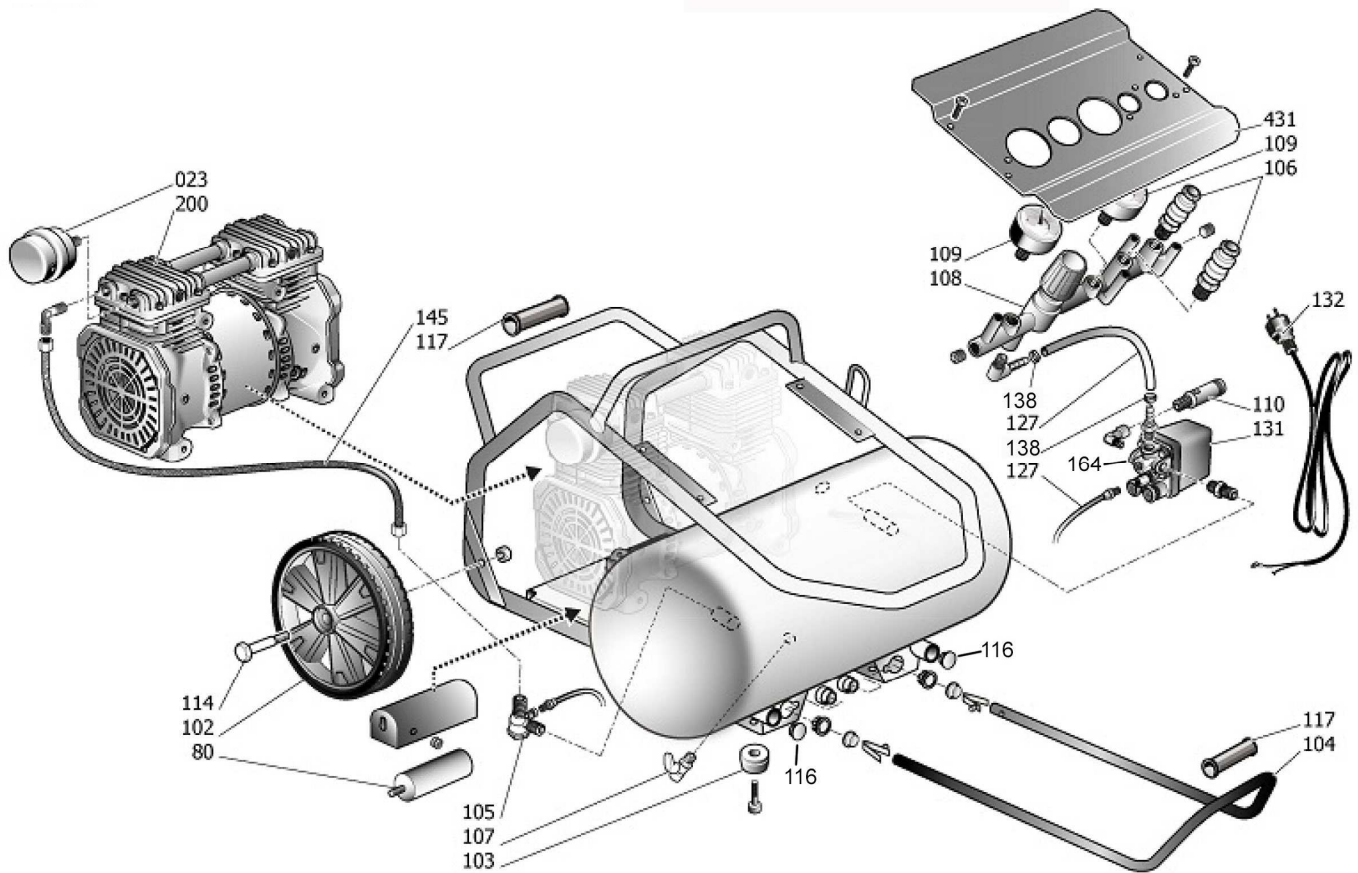
IMPORTANT:

- Never unscrew any connection when tank is pressurised. Always make sure it is empty.
- Never remove pressure switch cover with power on.
- If compressor is off but power on, it can start again suddenly. Before doing anything, make sure that power is off and all the air released from tank.
- Turn power off every evening so that compressor does not start running overnight – at pressure switch and at wall.

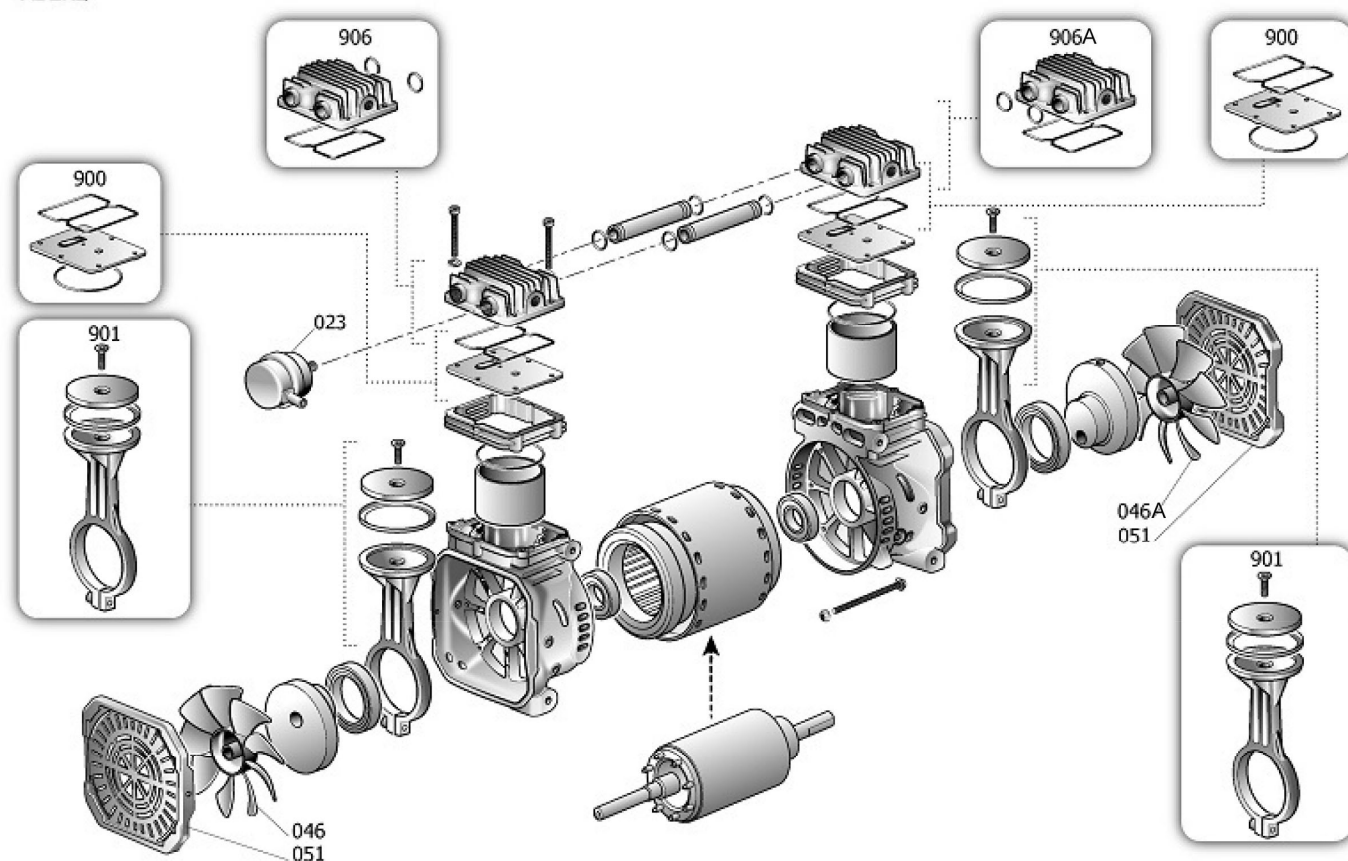
GUARANTEE

SIFCO will, free of charge, repair or, at its option, replace any part thereof which proves to be commercially defective as to materials or workmanship, provided that compressor is returned freight paid to a SIFCO Service Centre within 90 days of the date of delivery.

- This guarantee is annulled if the buyer does not observe the terms and conditions of the contract, if the machine has not been installed properly or is submitted to an abnormal workload, more than 8 hours a day (20 minutes per hour).
- The buyer is also liable for all expenses if a Serviceman is asked to look at unit and can find no fault in the manufacture of the compressor.
- The guarantee is also voided by tampering, misuse or operation above the maximum pressure.
- If these provisions are not observed, SIFCO declines all responsibility.



Item	Code	Part Name	UOM	Qty
23	B280101	AIR FILTER ASSEMBLY	X	1
80	9067057	CAPACITOR	X	1
102	9421690	WHEEL	X	2
103	B_SST108	FOOT	X	2
104	9083742021	HANDLE	X	1
105	9048142	NON-RETURN VALVE	X	1
106	86523K	COUPLER	X	2
107	9047100	DRAIN COCK	X	1
108	9050778	MANIFOLD WITH REGULATOR	X	1
109	9052278	PRESSURE GAUGE	X	2
110	9049348	RELIEF VALVE	X	1
112	9417792	NIPPLE/ELBOW	X	1
114	9011063	WHEEL SPINDLE	X	2
116	9038352	PLUG	X	4
117	9038599	GRIP (RUBBER)	X	2
127	9053420	RILSAN PIPE 4/6 BLK IT PA12_LC	X	0.2
127	9270051	HOSE .375 ID ROLL BLK (FC)_LC	X	0.2
131	9063084SLG	COMPLETE PRESSURE SWITCH	X	1
132	9065847	POWER CABLE	X	1
138	B_A20009	CLAMP	X	2
145	9043888	DELIVERY PIPE	X	1
164	9050592	ELBOW 1/4" MF FG.92 ROHS	X	1
200	B2A1000	BARE PUMP	X	1
431	9083744021	CONTROL PANEL	X	1



Item	Code	Part Name	UOM	Qty
23	B280101	AIR FILTER ASSEMBLY	X	1
46	9069317	FAN, LEFT	X	1
46A	9069318	FAN, RIGHT	X	1
51	9069296	MOTOR FAN COVER	X	2
900	9434A68	MPK VALVE PLATE QUADRA Q2 990W	X	2
901	9434B84	MPK PIST-CONROD QUADRA Q2 990W	X	2
906	9434G68	MPK HEAD QUADRA Q2 990W (LF)	X	1
906A	9434G69	MPK HEAD QUADRA Q2 990W (RG)	X	1

PRODUCT IDENTIFICATION PLATE

1		2	
TYPE Modello			
CODE Codice			
S/N			
L/min.	4	→	5
CFM.			
Lwa =		Lwa m =	7
Hz		8	A
kW		(HP)	
9	MADE IN		10
		11	

Fini			
FNA Spa - Via Einaudi, 6 10070 Robassomero (TO) ITALY			
TYPE Modello		HUSHPRO 20	
CODE Codice		8216080FSF505	
S/N			
L/Min.	200,00	→	12
CFM.	7,1		
Lwa =	83	Lwa m =	81
1/230VAC 50Hz 4,3A		KW=1,1 HP=1,5	
S3/50%		MADE IN P.R.C.	
		2024	

www.fnacompressors.com

8216080FSF505

Legend:

1. Manufacturer's data.
2. WEEE symbol.
3. Type / Code / Serial Number.
4. Air displacement expressed in (l/min) and (cfm).
5. Air delivered by the compressor expressed in (l/min) and (cfm).
6. Maximum operating pressure (bar and PSI), tank capacity (l), rotations per minute (RPM), weight (kg).
7. Guaranteed sound power level in dB(A): Measured sound power level in dB(A).
8. Electric data: voltage (V), frequency (Hz), absorption (A), power in (kW), and (HP).
9. Duty cycle.
10. Declaration of origin.
11. Year of production/manufacturing.

NOTES:

