

## SCHEDULES

### HA0007-RSP-P3-SL-SH-M-0013 - AIR COMPRESSOR SCHEDULE

Ref.	Air compressor				
Type	Packaged air compressor				
Location	Boiler Room				
Manufacturer	Atlas Copco				
Model	GA 22 VSDs tank mounted (GA22VSDS FF A 10 MEAC)				
Quantity	2no (Duty/Standby)				
Compressor Type	GA 22 VSDs Oil-injected Rotary Screw Compressors				
Max working pressure WorkPlace/ Capacity FAD min-max	4 bar / 15.9-84.5 l/s 7 bar / 16.2-83.3 l/s 10 bar / 16.2-65.9 l/s 13 bar / 15.7-56.3 l/s				
Main Electrical Supply	400V / 3Ø / 50Hz				
Installed motor power	22 kW				
Dimensions H x W x L (mm)	1725x 870 x 1330				
Weight pack/ full feature	458 kg / 604 kg				
Noise level	66 dB(A)				
Design requirements for each Autoclave at the Autoclave connections:		Units / cycle [Nm <sup>3</sup> ]	Peak flow [Nm <sup>3</sup> / min]	Conne ction	Pressure range [bar g]
	Instrume nt air	0.4	0.2	½ " Thread	6.0-7.0
	Process air	3.6	1.0	1" TC50	4.0-5.0

**Notes:**

1. The compressed air system and plant selection shall be designed, supplied, installed, and commissioned by compressed air specialist.
2. The air compressor shall be provided with all necessary ancillaries and controls.
3. The air compressor shall be mounted on a plinth, as detailed by the structural engineer.
4. The air compressor shall be provided with Internal anti-vibration dampers on the compressors, and acoustically lagged compressor enclosure.
5. The air compressors shall have the following additional option:
  - a. Integrated filter kit class 1
  - b. Integrated filter kit class 2
  - c. Dryer by-pass
  - d. Integrated oil/water separator (OSD)
  - e. Electronic water drain (EWD) on pack unit (Cooler)
  - f. 500 liter air receiver
  - g. Electronic water drain (EWD) on 500L vessel
  - h. Integrated oil/water separator OSD
  - i. Heavy duty inlet filter
  - j. Rain protection
  - k. Main power isolator switch
  - l. Upgrade Elektronikon® graphic

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- m. Roto-Xtend duty oil
  - n. Central Control license 4 (ES 4i) or 6 (ES 6i) machines on Elektronikon® graphic
  - o. Food-grade oil
  - p. Dryer Saver Cycle
  - q. Compressor inlet Pre-filter
  - r. 5% Choke on VSD
  - s. IT ancillaries
  - t. AIRConnect
  - u. Elektronikon® graphic
6. The Air compressors shall be as manufactured by Atlas Copco, or equal and approved.

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