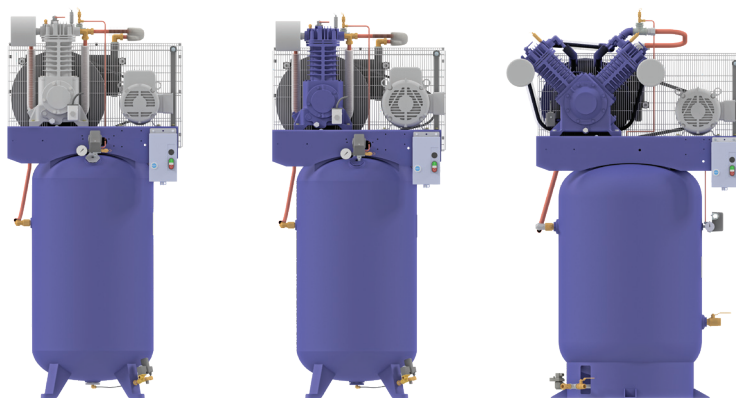


Quincy COMP-QY5-1 / QY7.5-1 / QY10-1 Simplex Air Compressor

For use with ECS AdvancedIQ Stand Alone Nitrogen Generators



COMP-QY5-1

COMP-QY7.5-1

COMP-QY10-1

Features

- Aftercooler included
- Low Oil Level Switch
- ¾" to 1" FNPT Outlet
- Automatic condensate drain – ¼" FNPT

General Description

ECS has paired Quincy COMP-series compressors with ECS AdvancedIQ Stand Alone Nitrogen Generators: (1) To facilitate the **Dry Pipe Nitrogen Inerting (DPNI)** process in dry pipe and preaction fire sprinkler systems, and (2) As a plant nitrogen source, to facilitate the **Wet Pipe Nitrogen Inerting (WPNI)** process in wet pipe sprinkler systems.

- ECS AG-6500 — Quincy COMP-QY5-1
- ECS AG-11000/18500 — Quincy COMP-QY7.5-1
- ECS AG-25000 — Quincy COMP-QY10-1

Specifications

Dimensions COMP-QY5-1 / QY7.5-1 COMP-QY10-1	35" (L) x 28" (W) x 77" (H) 49" (L) x 34" (W) x 78" (H)
Weight COMP-QY5-1 COMP-QY7.5-1 COMP-QY10-1	680 Lbs (308 kg) 720 Lbs (327 kg) 900 Lbs (408 kg)
Horsepower COMP-QY5-1 COMP-QY7.5-1 COMP-QY10-1	5 HP 7.5 HP 10 HP
Tank Capacities COMP-QY5-1 / QY7.5-1 COMP-QY10-1	80 Gal. (303 L) 120 Gal. (454 L)
Power Supply Compressor*	575 VAC/3 phase/60Hz (Optional) 460 VAC/3 phase/60Hz (Standard) 200 VAC/3 phase/60Hz (Optional)
Power Supply Auto Drain	120 VAC/1 phase/60Hz
Air Connection	COMP-QY5-1 / QY7.5-1 (¾" FNPT) COMP-QY10-1 (1" FNPT)
Drain Connection	¼" FNPT
Temp. Range	35°F - 104°F (1.6°C - 40°C)

*Other voltages are available upon request.

Operating Performance

Model Number	QY5-1	QY7.5-1	QY10-1
Air Supply SCFM (L/min)	17.4 (493)	23.6 (668)	36 (1,019)
Single System Capacity† @ 40 psig (2.8 bar) Gal. (L)	2,050 (7,755)	2,250 (8,520)	2,900 (10,980)
Single System Capacity† @ 20 psig (1.4 bar) Gal. (L)	4,100 (15,510)	4,500 (17,040)	5,800 (21,960)

† Capacity based on NFPA 13 30-minute fill requirement of largest single system

Power Requirements

Model Number	QY5-1	QY7.5-1	QY10-1
575 VAC/3 Phase	5.3 Amps	8 Amps	10 Amps
460 VAC/3 Phase	6.6 Amps	11 Amps	12.5 Amps
200 VAC/3 Phase	15.2 Amps	23.3 Amps	29.5 Amps

Installation

The Quincy air compressor mounts directly to the floor in the fire sprinkler riser room. Installation requires a flat and level concrete floor or pad. Adequate clearance shall be provided for servicing and ventilation. Access to a floor drain or use of an evaporative collection chamber should be considered. Proximity to the nitrogen generator should be considered. For electrical power, a dedicated circuit is recommended. Isolation pads are supplied with the compressor along with oil for startup. A properly rated braided flexible connection (not supplied) shall be installed in-line and directly to the isolation valve on the air supply outlet of the air receiver tank. For detailed specifications and complete installation instructions, see the manufacturer's installation, operation, and maintenance manual—always follow specific details and instructions for your exact make and model.

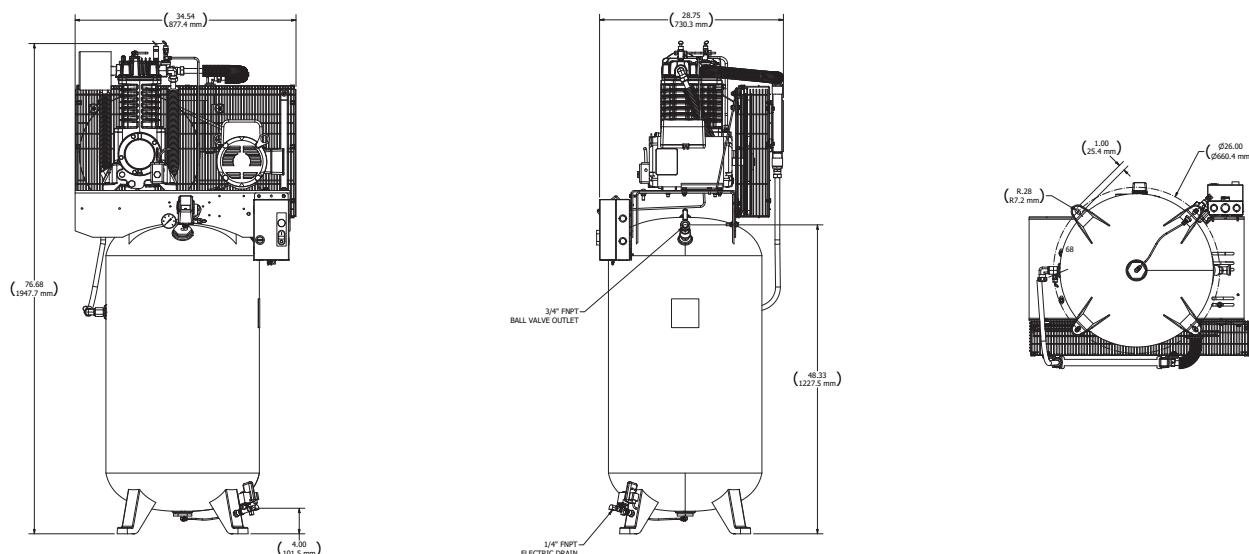
Maintenance

See the manufacturer's installation, operation, and maintenance manual for recommended maintenance.

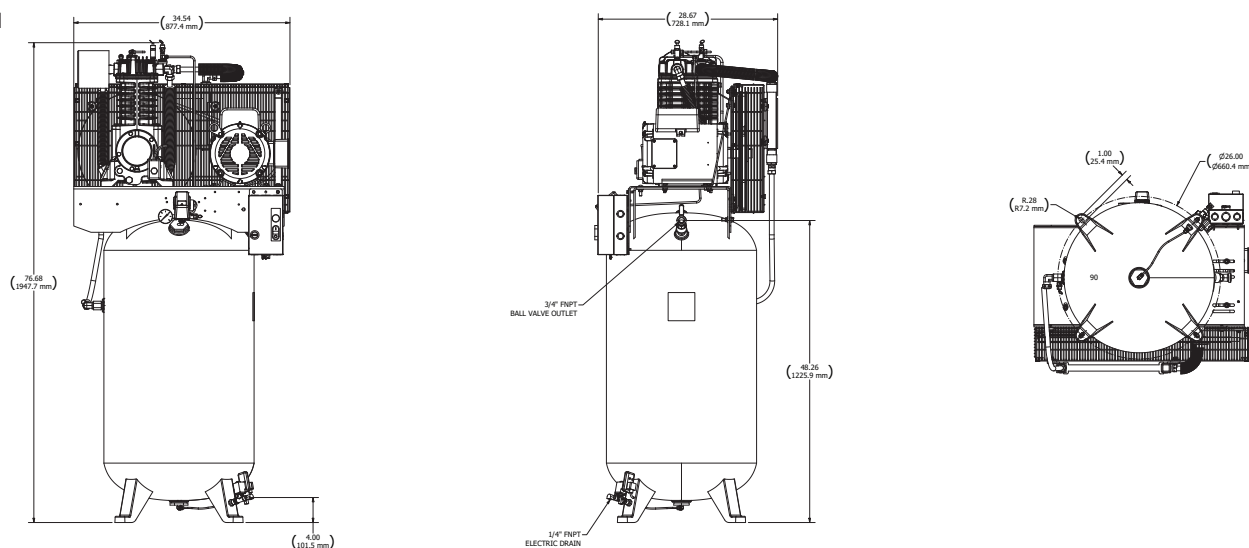
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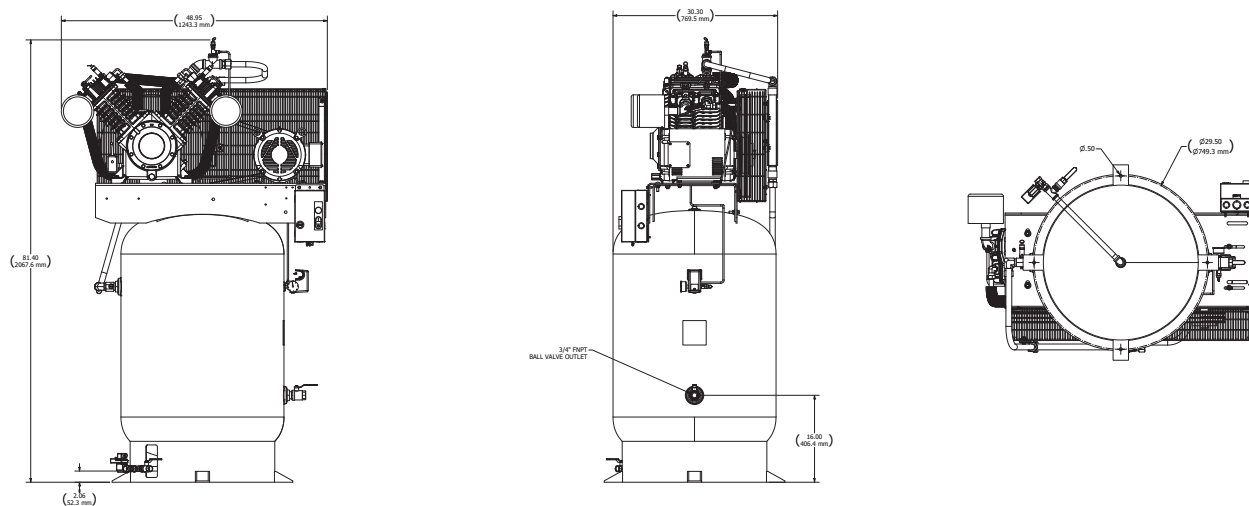
COMP-QY5-1



COMP-QY7.5-1



COMP-QY10-1



(Dimensions in inches unless otherwise stated.)