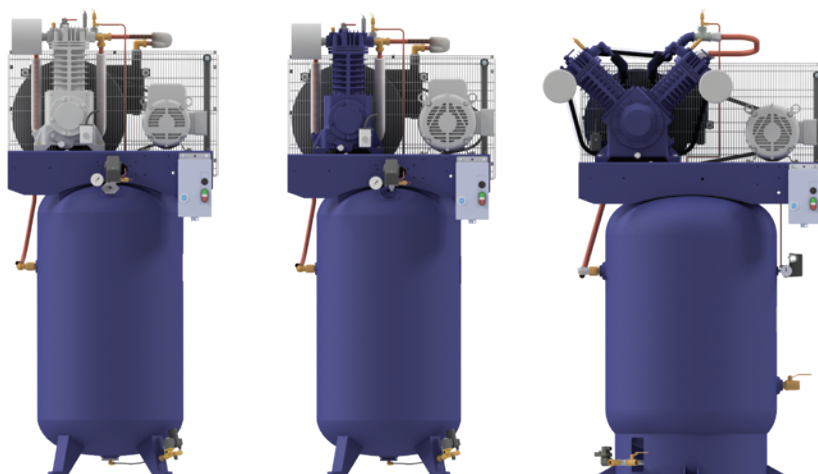


# COMP-5Q/7.5Q/10Q

ECS Air Compressor



COMP-5Q

COMP-7.5Q

COMP-10Q

## Features

Aftercooler included

Low Oil Level Switch

3/4" to 1" NPTF Outlet

Automatic condensate drain – 1/4" NPTF

## General Description

The ECS Air Compressors are paired with the ECS AdvancedIQ Nitrogen Generators in facilitating the **Dry Pipe Nitrogen Inerting (DPNI)** process in dry pipe and preaction fire sprinkler systems. COMP-7.5Q/10Q when paired with the AG-18500S/18500/22500/25000 nitrogen generators can be used as a plant nitrogen source in facilitating the **Wet Pipe Nitrogen Inerting (WPNI)** process in wet pipe sprinkler systems.

## Specifications

<b>Dimensions</b> COMP-5Q/7.5Q COMP-10Q	35" (L) x 29" (W) x 77" (H) 49" (L) x 34" (W) x 82" (H)
<b>Weight</b> COMP-5Q COMP-7.5Q COMP-10Q	680 Lbs (308 kg) 720 Lbs (327 kg) 900 Lbs (408 kg)
<b>Horsepower</b> COMP-5Q COMP-7.5Q COMP-10Q	5 HP 7.5 HP 10 HP
<b>Tank Capacities</b> COMP-5Q/7.5Q COMP-10Q	80 Gal. (303 L) 120 Gal. (454 L)
<b>Power Supply Compressor*</b>	460VAC/3 phase/60Hz (Standard) 200VAC/3 phase/60Hz (Optional)
<b>Power Supply Auto Drain</b>	120VAC/1 phase/60Hz (can be connected to the nitrogen generator cabinet power supply)
<b>Air Connection</b>	COMP-5Q/7.5Q (3/4" NPTF) COMP-10Q (1" NPTF)
<b>Drain Connection</b>	1/4" NPTF
<b>Temp. Range</b>	35°F - 104°F (1.6°C - 40°C)

\*Other voltages are available upon request.

## Operating Performance

Model Number	COMP-5Q	COMP-7.5Q	COMP-10Q
<b>Air Supply SCFM (L/min)</b>	14.3 (405)	24 (680)	35 (992)
<b>Single System Capacity† @ 40 psig (2.8 bar) Gal. (L)</b>	1,150 (4,353)	2,025 (7,665)	2,900 (10,978)
<b>Single System Capacity† @ 20 psig (1.4 bar) Gal. (L)</b>	2,300 (8,706)	4,050 (15,331)	5,800 (21,955)

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

## Power Requirements

Model Number	COMP-5Q	COMP-7.5Q	COMP-10Q
<b>460VAC/3 Phase</b>	6.6 Amps	11 Amps	12.5 Amps
<b>200VAC/3 Phase</b>	15.2 Amps	23.3 Amps	29.5 Amps

## Installation

The air compressors are designed to be mounted directly to the floor in the fire sprinkler riser room. Installation requires a flat and level concrete floor or pad. All vertical tank units must be achored, per manufacturers specs, and be mounted *without* isolators. ECS recommends installing braided hose (not supplied) in-line and directly to the isolation valve on the air supply outlet of the air receiver tank.

Allow access to the power supply (one (1) dedicated circuit), access to the nitrogen generator inlet 1/2" supply line and access to a drain for the condensate discharge line. Allow for clearance to access air compressor for service. For detailed installation and operation please refer to the ECS AdvancedIQ Nitrogen Generator Manual.

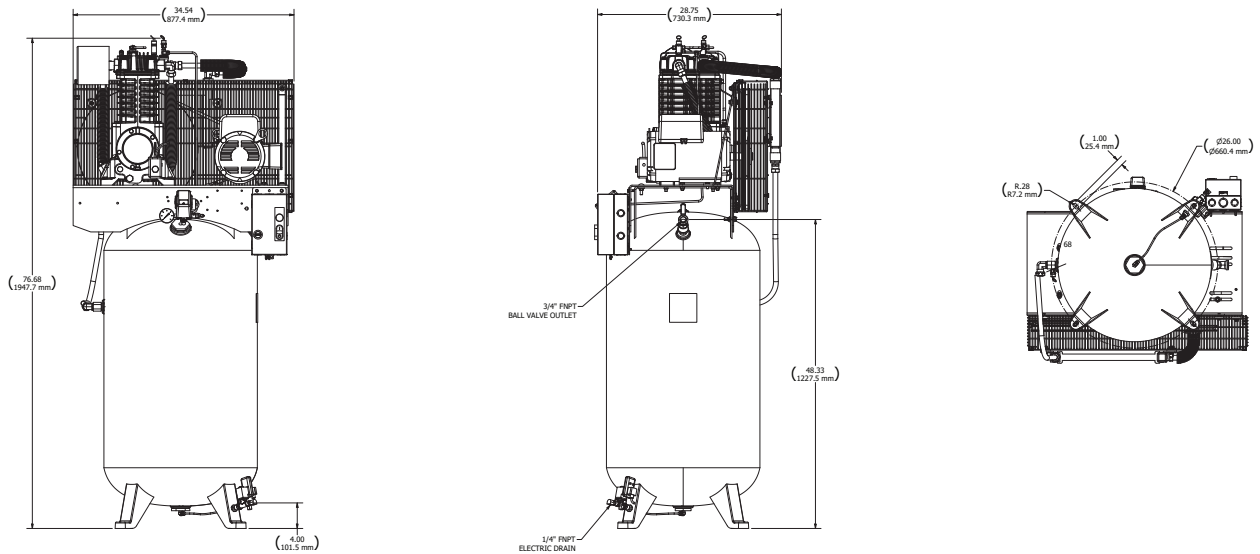
## Maintenance

Please refer to manufacturer owners manual for recommended maintenance.

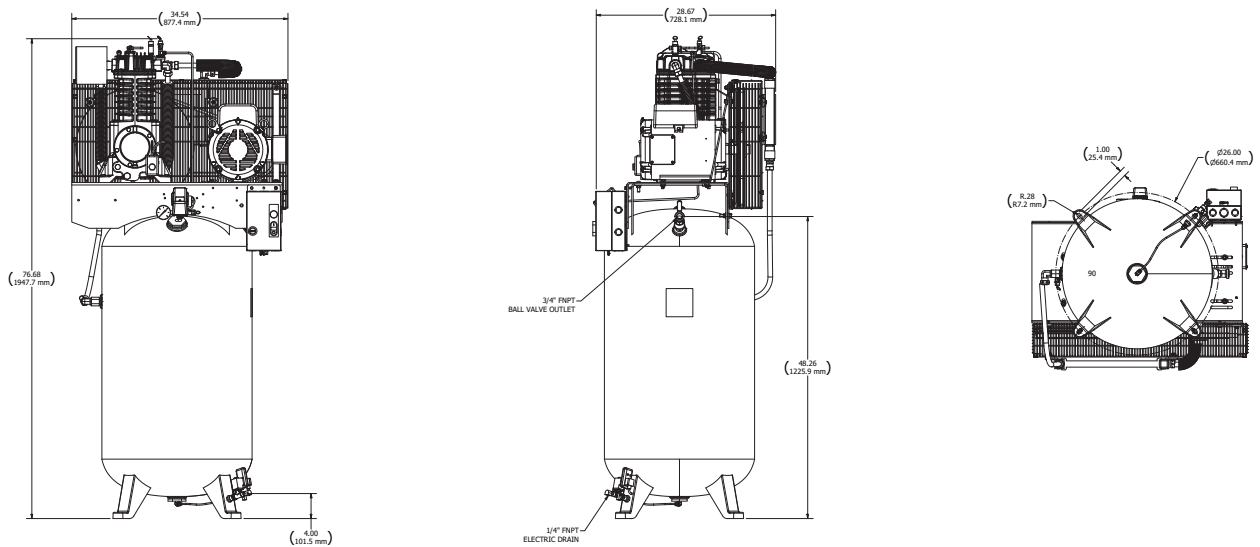
# COMP-5Q/7.5Q/10Q

ECS Air Compressor

COMP-5Q



COMP-7.5Q



COMP-10Q

