Facility Supply Requirements

Revision: D
Date: 6/10/2020

WILD GOOSE CANNING SYSTEMS - Evolution Series

	REQUIRED FACILITY SUPPLY	MACHINE FITTINGS	REQUIRED FACILITY FITTINGS	NOTES
ELECTRICAL **100-120VAC 60 Hz** **Single-phase**	17FLA @ 115VAC Service of 115VAC, 30A recommended as safety measure	125VAC, 30A three-prong male twist lock plug (NEMA L5-30) with approximately 10 ft (3 m) power cord	125VAC, 30A twist lock female connector (NEMA L5-30) to be wired by facility	Electrical requirements must be considered when arranging the facility layout prior to installation. The facility is responsible for contacting a licensed electrician to supply electrical service to the machine in accordance with the local Authority Having Jurisdiction (AHJ).
ELECTRICAL **100-120VAC 60 Hz** **Single-phase**	17A @ 115VAC Service of 115VAC, 30A recommended as safety measure	Main power switch / disconnect with a 0.75 inch knockout / 1.06 inch diameter (19.05 mm / 26.92 mm) at bottom of electrical box	To be wired by facility	If the AHJ requires a ground fault circuit interrupter (GFCI) outlet, a higher rated GFCI is recommended, as the machine may cause a standard 5ma GFCI to trip. It is recommended for the electrician to drop the power source from above the canning system. This is the preferred location for electrical power and eliminates a hazard on the floor. If a wall-mounted power source is the only option, the power source should be mounted as high as possible on the wall, away from any water danger.
ELECTRICAL **200-240VAC 50/60 Hz**	12A @230VAC Single-phase 5A @230VAC Three-phase	Main power switch / disconnect with a 0.75 inch knockout / 1.06 inch diameter (19.05 mm / 26.92 mm) at bottom of electrical box	To be wired by facility	200-240VAC 3ph is NOT compatible with corner grounded delta transformers. An appropriately sized wye, floating delta or center tapped delta transformer, as well as a separate grounding conductor is required." This only applies to three phase 230 systems.
COMPRESSED AIR	Minimum 12.2 cfm @ 90-100 psi (345.5 L/min @ 6.2-6.9 bar) Refrigerated air dryer and coalescing air filter rated to 0.10-0.01 micron	¼ inch NPT male quick connect universal air coupling with approximately 15 ft (4.5 m) of hose	¼ inch NPT female quick connect universal air coupling connected to compressed air system	Clean, dry air is required to run the machine; a refrigerated air dryer and coalescing air filter are mandatory. Air requirements indicated for the machine do not necessarily include supply requirements for any optional equipment.

	REQUIRED FACILITY SUPPLY	MACHINE FITTINGS	REQUIRED FACILITY FITTINGS	NOTES
CO$_2$ FILLER PURGE	*CO$_2$ regulator that can regulate at 5-15 psi (0.34-1.03 bar)*	¼ inch (6.35 mm) NPT male quick connect universal air coupling attached to CO$_2$ purge solenoid	¼ inch (6.35 mm) NPT female quick connect universal air coupling connected to CO$_2$ system Sufficient length of hose from CO$_2$ source to canning system	
CO$_2$ PRODUCT TANK	*CO$_2$ regulator that can regulate at 5-20 psi (0.34-1.4 bar)*	n/a	Facility choice	The facility's CO$_2$ regulator must charge the head space of the product vessel through the blow-off valve and nowhere else.
WATER	*Water supply required only with optional accessory modules*	3/8 inch ID hose barb	Fittings required only with optional accessory modules	The machine comes standard with a fitting for water. A water supply and facility fittings are required only if the facility has purchased the optional Rinse Tunnel & Air Nozzles or Twist Rinse accessory modules. See accessory requirements.
PRODUCT TRANSFER	*Product tank in close proximity to the filler*	1.5 inch (38.1 mm) inlet manifold with tri-clamp fittings	Sufficient length of 1 inch (25.4 mm) or 1.5 inch (38.1 mm) brewers hose or transfer lines from product tank to canning system	When planning the facility layout, the canning system should be placed as close as possible to the product tank. Avoiding long transfer distances between the tank and canning system will help minimize product temperature change and breakout.
INTERNET CONNECTION	Standard wired connection to the internet	eWON Cosy 131	CAT5 cable	used for remote connection for troubleshooting & software updates