Ramvac
COMPRESSOR

PREINSTALLATION GUIDE

MODELS: C3, C5, C8, C12 & C18



Doctor:	_____
Address:	_____
Phone No.:	_____
Dealer:	_____
Address:	_____

Check ☑ Compressor Model Being Installed:	☐ C3-12	☐ C5-12	☐ C8-2	☐ C12-2	☐ C18-2

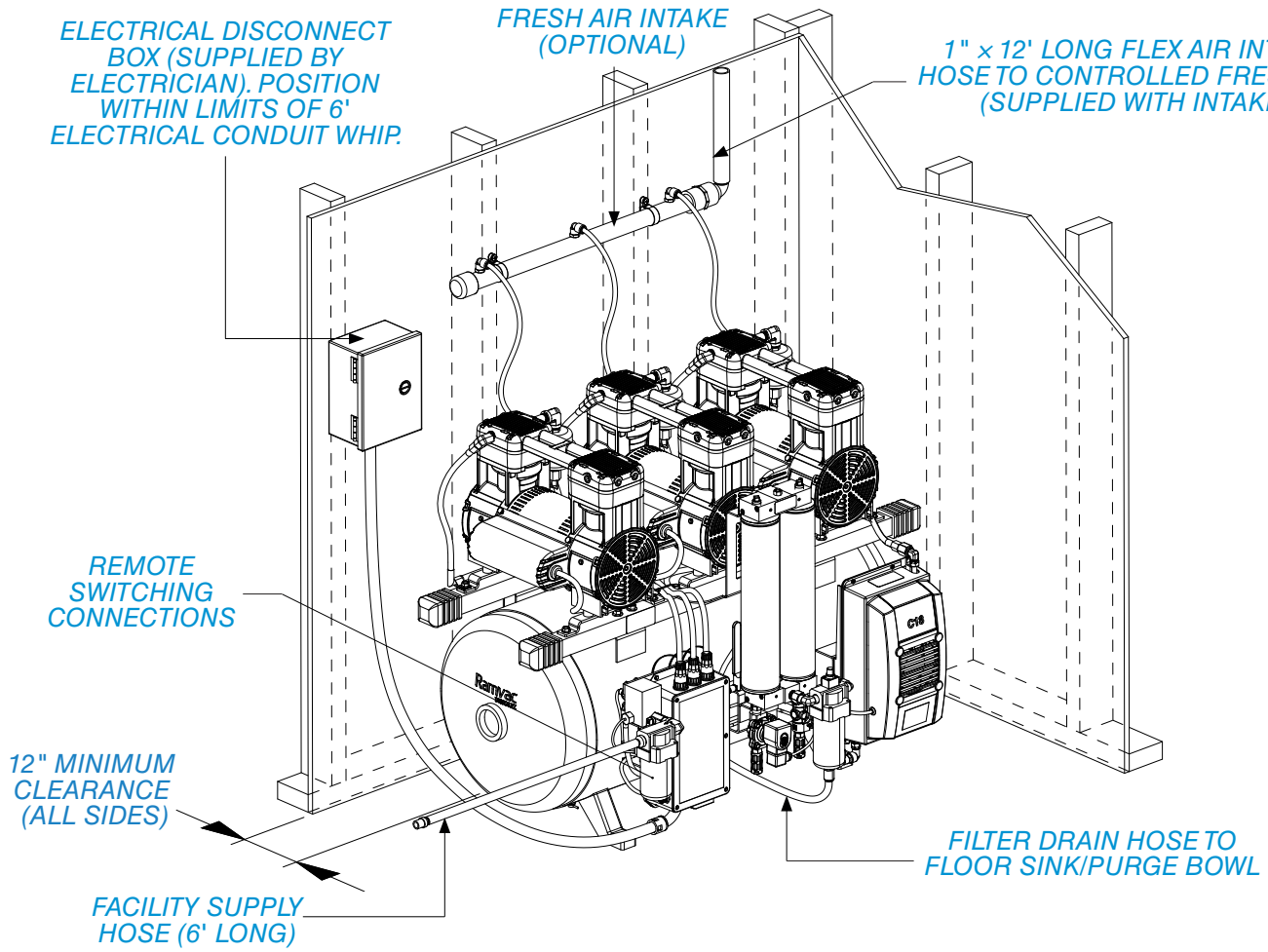
NOTICE

This information is not intended to replace the information found in the **User Manual**. Refer to the **User Manual** for full installation, safety and precautions.

ATTENTION: It -is recommended that this equipment be installed by a licensed electrical/plumbing contractor only. **All installations must conform to local and national codes.**

DENTALEZ

EQUIPMENT ROOM LAYOUT



PLACEMENT

- Indoor use only, in a dust-free room.
- Ventilation required for room to remain between 35°F to 100°F (2°C to 38°C). Additional forced air and HVAC must be used if ambient temperatures do not fall into this range.
- Do not install on surfaces with more than a 5 degree incline.
- Allow 12" minimum clearance on all sides for all units.
- If unit is placed in an area adjacent to office space, sound eliminating techniques should be considered for the unit.

PLUMBING

- Connect drain hose to fitting on bottom of coalescing filter and direct it into floor drain/purge bowl for disposal of water.
- Connect compressor air outlet to facility plumbing with provided supply hose (3/8" MPT × 3/8" MPT × 6' long).
- Connect fresh air manifold to controlled fresh air source.
- Connect only equipment suitable for listed maximum pressure of the compressor.

FRESH AIR INTAKE KITS

Model	C3-12	C5-12	C8-2	C12-2	C18-2
Part No. (w/o SS)	8658-009	8658-009	8658-010	8658-012	8658-013
Part No. (w/SS)	8658-014	N/A	N/A	8658-019	8658-020

PREINSTALLATION GUIDE

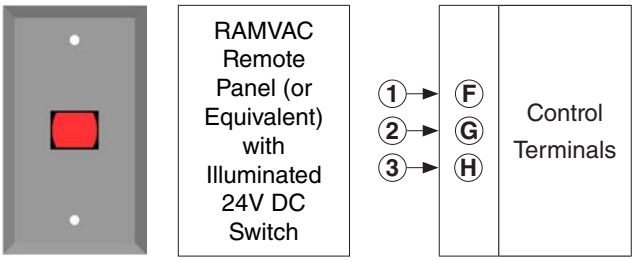
ELECTRICAL

HIGH VOLTAGE

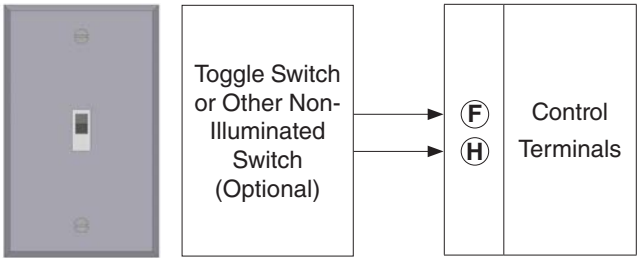
- Install a dedicated electrical circuit of sufficient capacity (see *SPECIFICATIONS & SITE REQUIREMENTS* table).
- Any means provided to isolate this device from the supply mains shall isolate all poles simultaneously. The disconnection means and overcurrent protection are to be provided by the installer. This device should always be attached to a dedicated circuit with appropriate wiring and circuit protection.
- All compressor models are factory set to run on 230 volts mains power. Compressor models C3-12 and C5-12 are dual voltage capable and can run on 115 volts or 230 volts mains power. (See compressor manual *MAINS VOLTAGE SWITCHING/WIRING* for setting voltage procedure.)

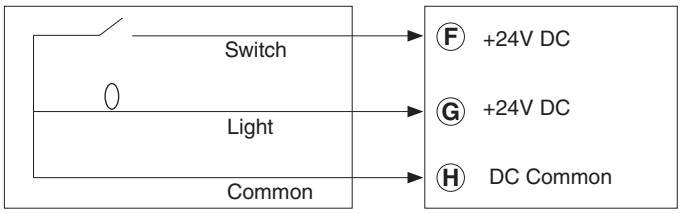
LOW-VOLTAGE REMOTE SWITCHING (RECOMMENDED)

- Maximum wire length for low-voltage, 18-gauge wire is 500 feet.



LOW-VOLTAGE REMOTE SWITCHING (ALTERNATIVE)





Illuminated Remote Switch

CONTROL PANEL



REMOTE SWITCH FGH CONNECTOR

SPECIFICATIONS & SITE REQUIREMENTS

	C3-12	*C5-12*	*C8-2*	*C12-2*	*C18-2*
Max Users	3	5	8	12	18
Voltage *(AC)*	115/230 (103-126/ 208-253)	115/230 (103-126/ 208-253)	230 (208-253)	230 (208-253)	230 (208-253)
Power Consumption *(Amps)*	12/6.1	17.6/9	16	21	30.5
Breaker Size *(Amps)*	15/15	20/15	20	30	40
Fusetron Size	FRN 15/10	FRN 20/15	FRN 20	FRN 25	FRN 40
Number of Motor Heads	2	2	3	2	3
HP Per Motor Head	.50	.75	.75	2	2
Pressure	85 PSI/586 kPa to 115 PSI/793 kPa with ± 2% Total Error Band				
High-Pressure Mode*	105 PSI/724 kPA to 125 PSI/862 kPA				
Weight *(lbs)*	136	128	155	230	335
Dimensions W×D×H *(in)*	30×21×26	30×21×27	30x21x27	35×25×30	41×29×32
Dimensions *(with Sound Shield)*	30×20×26	N/A	N/A	35×25×31	41×25×33
Pump Up Cycle Time, 85 to 115 PSI *(Sec)*	60	45	45	35	30
Tank Size *(Gal)*	12	12	12	20	30
Filtration *(microns)*	0.3 Coalescing; 0.01 Final Particulate				
Dryer Duty Cycle	100%				
Dryer Dew Point *(PDP)*	-40°F/-40°C				
dBA Levels *(with/without Sound Shield)*	63/67	69	70	75/79	75/79
BTU/HR (Heat Released to Room)	3,742	4,382	6,573	10,240	15,360

NOTES: *High-pressure mode should only be used with a compatible milling machine; not for use in general dentistry.

ETL CLASSIFIED
Intertek
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Conforms to:
ANSI/AAMI STD ES60601

Certified to:
CAN/CSA STD C22.2 NO. 60601-1

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Ramvac DENTALEZ

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