


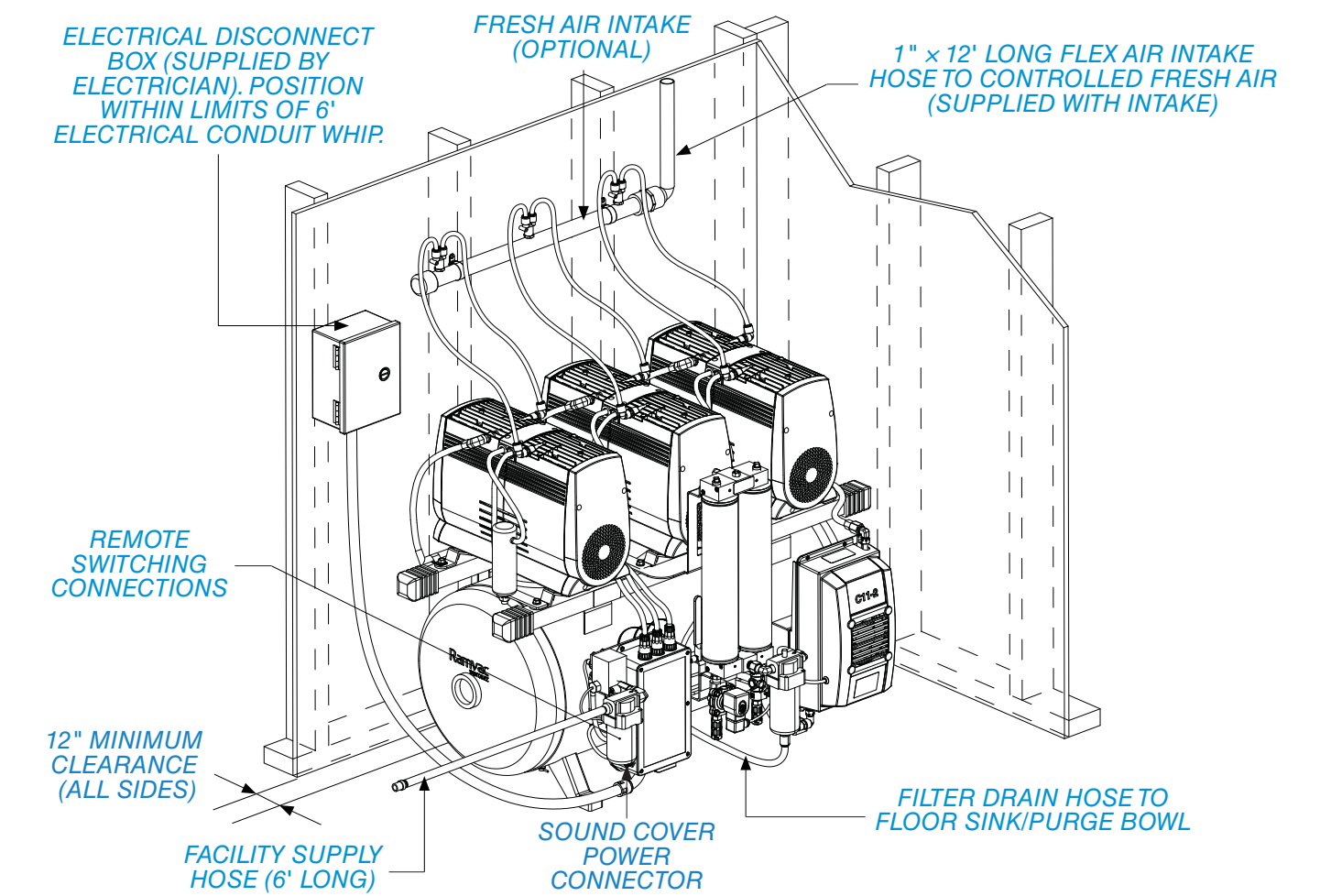


Doctor: Address: Phone No.: Dealer: Address:	<hr/> <hr/> <hr/> <hr/> <hr/>
Check <input checked="" type="checkbox"/> Aeras Model Being Installed:	<div style="display: flex; justify-content: space-around;"> <div><input type="checkbox"/> Aeras 3 (C3-2)</div> <div><input type="checkbox"/> Aeras 4 (C4-1)</div> <div><input type="checkbox"/> Aeras 4 (C4-2)</div> <div><input type="checkbox"/> Aeras 6 (C6-2)</div> <div><input type="checkbox"/> Aeras 7 (C7-2)</div> <div><input type="checkbox"/> Aeras 11 (C11-2)</div> </div> <p><b>⚠ ATTENTION:</b> It is recommended that this equipment be installed by a licensed electrical/plumbing contractor only. <b>All installations must conform to local and national codes.</b></p>

### 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.

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 x 3/8" MPT x 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	AERAS 3 (C3-2)	AERAS 4 (C4-1)	AERAS 4 (C4-2)	AERAS 6 (C6-2)	AERAS 7 (C7-2)	AEARS 11 (C11-2)
Part Number	005002	005002	005002	005002	005002	005014

# PREINSTALLATION GUIDE

## ELECTRICAL

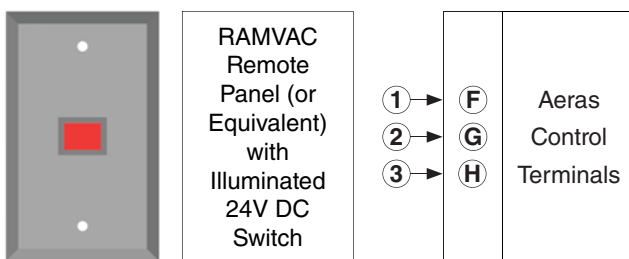


### HIGH VOLTAGE

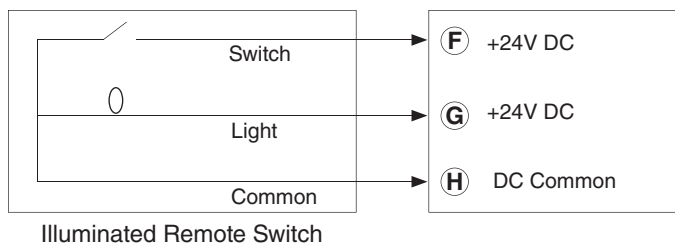
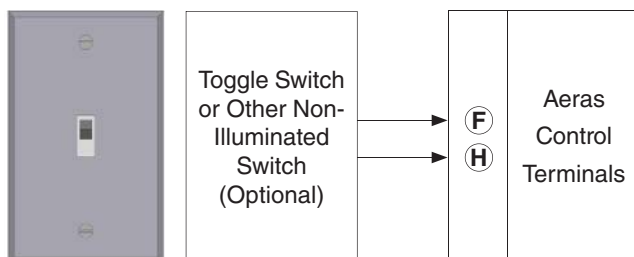
- Install a dedicated electrical circuit of sufficient capacity (see [SPECIFICATIONS & SITE REQUIREMENTS](#) table).
- Any means provided to isolate this device from the supply mains shall isolate all poles simultaneously. The disconnection means and overcurrent protection are to be provided by the installer. This device should always be attached to a dedicated circuit with appropriate wiring and circuit protection.

### LOW-VOLTAGE ELECTRICAL SWITCHING (RECOMMENDED)

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



### LOW-VOLTAGE ELECTRICAL SWITCHING (ALTERNATIVE)



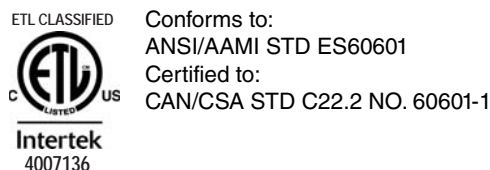
### AERAS CONTROL PANEL



## SPECIFICATIONS &amp; SITE REQUIREMENTS

	AERAS 3 (C3-2)	AERAS 4 (C4-1)	AERAS 4 (C4-2)	AERAS 6 (C6-2)	AERAS 7 (C7-2)	AERAS 11 (C11-2)
Max Users	3	4	4	6	7	11
Voltage (AC)	230 (208 - 253)	115 (103 - 126)	230 (208 - 253)	230 (208 - 253)	230 (208 - 253)	230 (208 - 253)
Power Consumption (Amps)	10.5	23	11.5	16.3	21	32
Breaker Size (Amps)	20	30	20	20	30	40
Fusetron Size	FRN 15	FRN 25	FRN 15	FRN 20	FRN 25	FRN 40
Number of Motor Heads	1	2	2	2	2	3
HP Per Motor Head	2	1.25	1.25	1.25 (Left) 2 (Right)	2	2
Pressure	85 PSI/586 kPa to 115 PSI/793 kPa with $\pm$ 2% Total Error Band					
High-Pressure Mode*	105 PSI/724 kPa to 131 PSI/903 kPa					
Weight (lbs)	160	190	190	250	260	385
Dimensions W x D x H (in)	29 x 21 x 29	29 x 21 x 29	29 x 21 x 29	35 x 25 x 30	35 x 25 x 30	41 x 29 x 32
Dimensions (with Sound Cover)	33.3 x 29 x 34	33.3 x 29 x 34	33.3 x 29 x 34	35 x 29 x 34	35 x 29 x 34	41.1 x 33 x 36
Peak Airflow Output @80 psi (CFM)	6.0	6.6	6.6	9.3	12.0	18.1
Pump Up Cycle Time, 85 to 115 psi (Sec)	45	45	45	45	40	40
Tank Size (Gal)	12	12	12	20	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 Cover)	65/73	70/78	70/78	72/80	76/82	78/84

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



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