



BADGER LF SITE INFORMATION

FACILITY EXHAUST LINES


- 2" PVC schedule 80 CPVC, or metal (not tar coated) with DWV fittings or equivalent.
- Run dedicated exhaust line for each Badger LF unit installed.
- Do not connect to plumbing vents.
- Lines must be installed to prevent condensation.
- Turn outside end down toward ground and screen to prevent entry of water, debris and creatures. Locate to prevent exhaust from entering building.

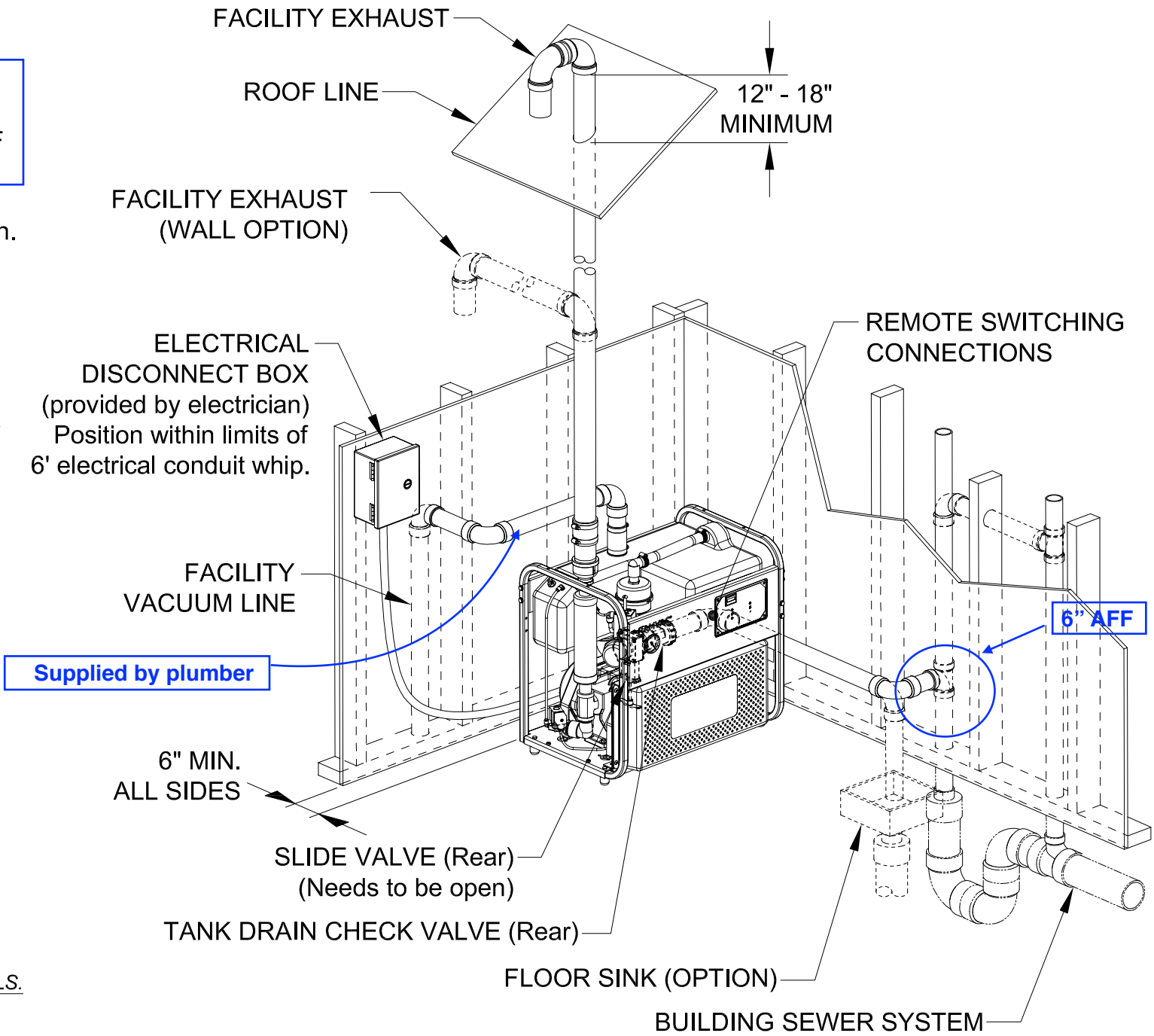
FACILITY VACUUM LINES FROM OPERATORIES

- Up to 5 rooms: 1-1/2" (or larger) PVC schedule 40 with DWV fittings or equivalent.
- 5 to 15 rooms: 2" (or larger) PVC schedule 40 with DWV fittings or equivalent.
- Minimum slope 1/4" per 10 ft.

TANK DRAIN LINE

- Waste pipe, slide valve and drain check valve:
- 1-1/2" PVC schedule 40 with DWV fittings.
 - Minimum slope 1/4" per 10 ft.
 - Use only Ramvac supplied 1-1/2" drain check valve.
 - Drain into building sewer system.

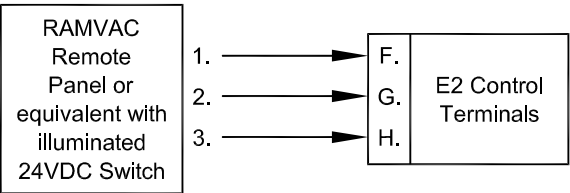
 THIS SHEET IS NOT INTENDED TO REPLACE THE INFORMATION FOUND IN THE INSTALLATION MANUALS. REFERENCE MANUALS FOR FULL INSTALLATION, SAFETY AND PRECAUTIONS.



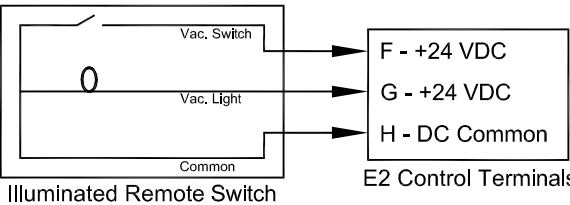
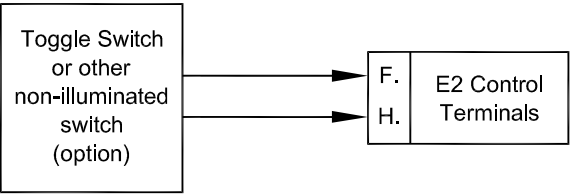
REMOTE SWITCHING

- **Low voltage switching only.**
- 18-3 low voltage wiring for lighted switch.
- 18-2 low voltage wiring for non lighted.
- Maximum wire length for low voltage 18 gauge wire is 500 feet.

Recommended Switching



Alternative Switching



NOTES:

- It is recommended that this equipment be installed by licensed electrical and plumbing contractors only and must comply with local and national electrical and plumbing codes.
- Equipment will release 900 BTU per hour into room. Ventilation required for room to remain between 40° to 104°F (4.4° to 40°C). Forced air & HVAC must be used, in addition, if ambient temperatures do not fall into this range.

ELECTRICAL SPECIFICATIONS								
MODEL	MOTOR				PROTECTION		THHN Wire Size	SWITCHING (low voltage)
	HP	Phase	Voltage	Amps (full load)	Breaker	Fusetron		
BADGER LF 1	1.5	1	208/230v	6.2	15 amp	FRN 8	12 ga.	24 VDC
BADGER LF 2								

PRODUCT SPECIFICATIONS									
MODEL	DIMENSIONS				VACUUM LEVEL		WEIGHT	TANK CAPACITY	Db LEVELS
	Height	Width	Depth	Floor to drain centerline	Preset	Maximum			
BADGER LF 1	23.25"	24.7"	18"	7.75"	23.7 kPa (7" Hg)	50.8 kPa (15" Hg)	175 lbs	5 gallons	72
BADGER LF 2	(591 mm)	(627 mm)	(457 mm)	(197 mm)			(79.4 kg)	(18.9 L)	74

RAMVAC® Utility



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