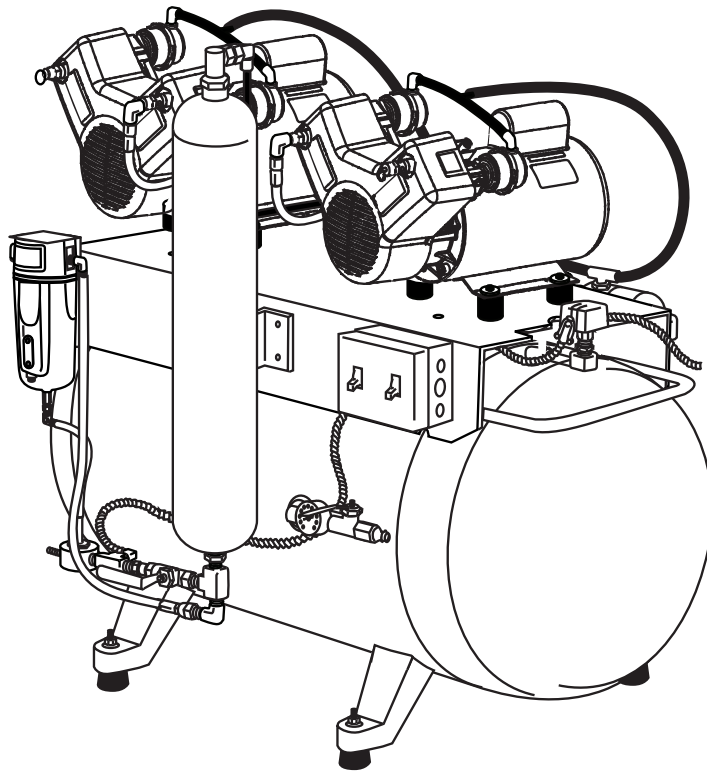




TECHWEST INC



Tech West Air Compressor **Pre-Installation Guide**

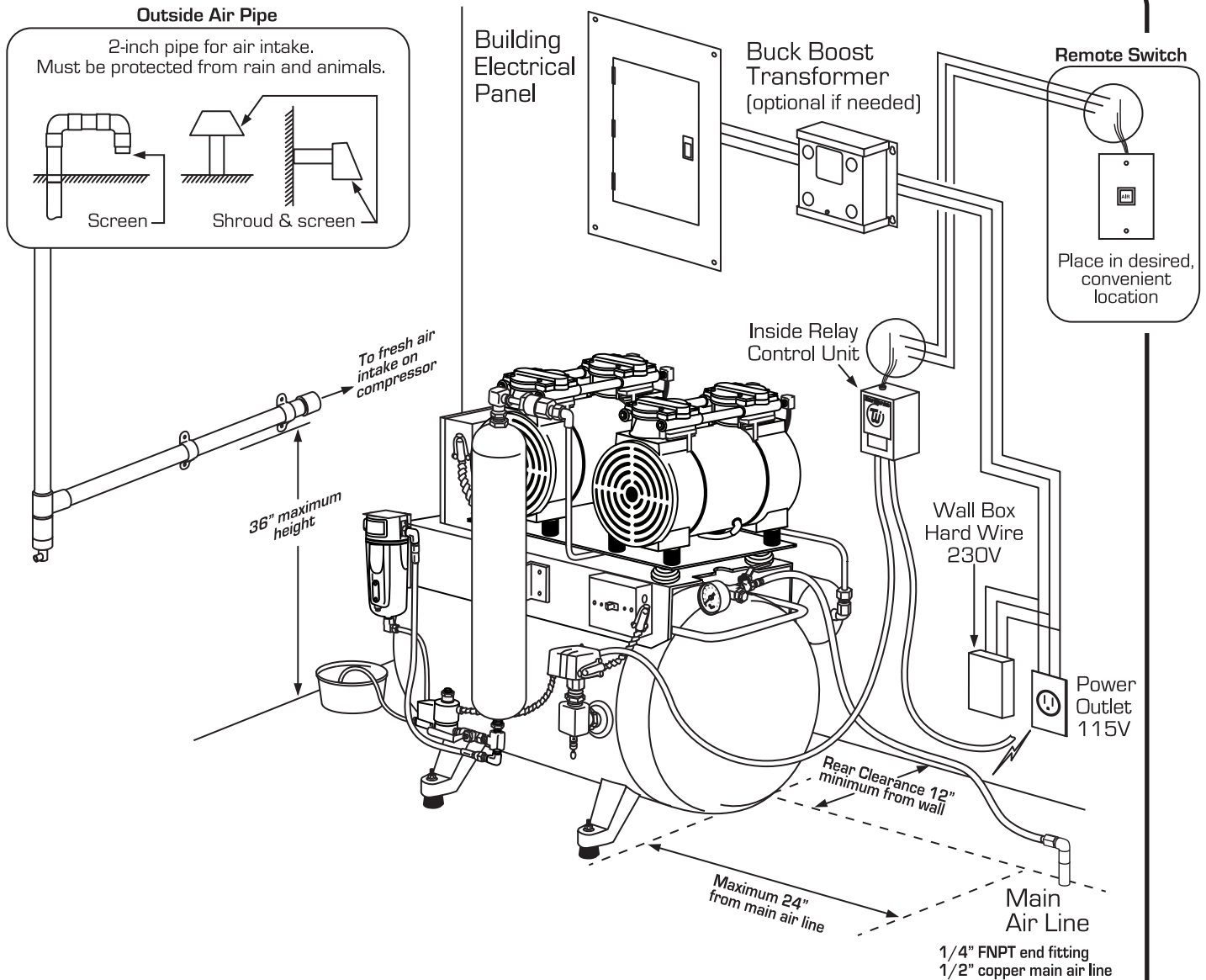
This pre-Installation guide is intended for installation of the following compressors:

Lubricated series compressors
Oilless series compressors
Rocky series compressors

All installations must conform to local codes.

Revised 1/16

Target Room Layout



Important Information

A. Purge Valve and Drip Leg -

A drip leg with drain valve must be installed at lower end of the remote air intake pipe to collect condensation during operation. Attach a drain tube to the drip leg valve to allow drainage into floor drain.

Electrical Information

B. All compressors need to have dedicated circuit breakers. For breaker size and electrical connection type please refer to the product specifications / Dimensions chart on last page.

Service Clearances

C. Allow 12" on all sides for all units

Ambient Temperatures

D. Must not exceed 105°F Must remain above 41°F

Air Line Pipe Diameter

Operatories	Copper
1	1/2"
2	1/2"
3	1/2"
4	1/2"
5	1/2"
6	1/2"
7	3/4"
8	3/4"
9	3/4"
10	3/4"
11	3/4"
12	3/4"

24 Volt Circuit Connections

Remote control switch to wall mount control unit connection

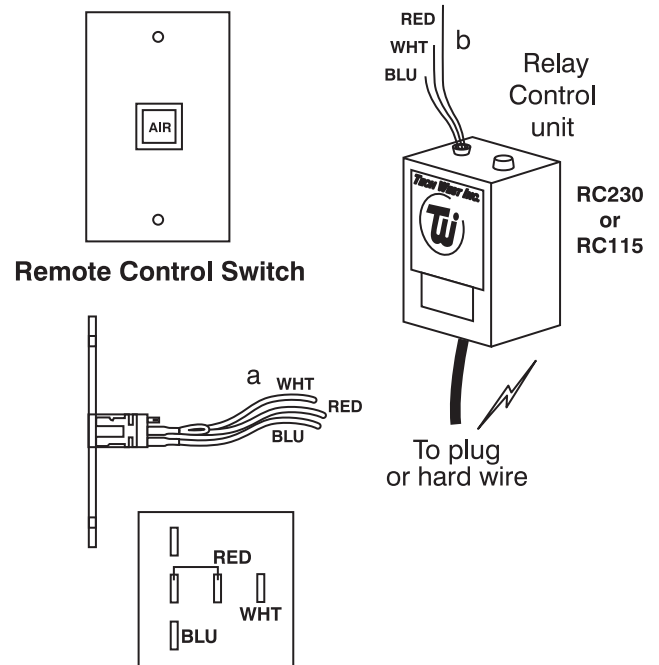
Connection Information

- A.** Use 18 gauge, 3 conductor, interconnect cable between the remote control switch (a) and the wall mount control unit (b). Make connections as indicated by wire color coding. When exceeding 150 feet, use #16 AWG.
- B.** As shown, 3 conductors of the 24V circuit cable from each switch connect via the user-supplied interconnect cable.
- C.** 1 & 2 switch panels use 2 switch mud ring box. 3 & 4 switch panels use 3 switch mud ring box.
- D.** Leave with factory connection, without a 24V switch, or connect the associated interconnect cable directly to remot switch.

Note: One switch is used for each compressor.

Initial connections: Connect Blue and Red wires first. Test the switch to see if the compressor starts. If compressor starts, then connect white wire.

Caution: Connecting all 3 wires initially will likely blow the fuse.

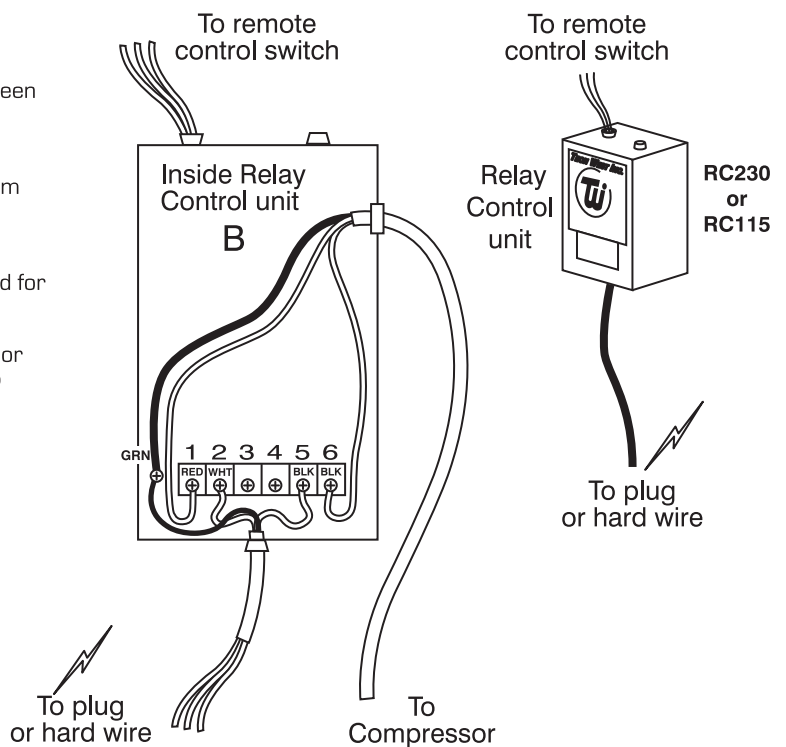


Wall mount control unit to compressor connection

Connection Information

- A.** Use 18 gauge, 3 conductor, interconnect cable between the wall mount unit and the compressor. When exceeding 150 feet, use #16 AWG.
- B.** As shown, 3 conductors of the 24V circuit cable from each compressor connect via the user-supplied interconnect cable.
- C.** The fourth conductor of interconnect cable to be used for future equipment options/enhancements.
- D.** Leave with factory connection, without a 24V switch, or connect the associated interconnect cable directly to remot switch.

Note: One switch is used for each compressor.



Product Specifications / Dimensions

MODEL NUMBER	# OF USERS	AIR DRYER	# OF HEADS	TOTAL H.P.	CFM LOW	CFM HIGH	VOLTAGE	TOTAL AMPS	BREAKER SIZE	CONNECTION TYPE	WEIGHT	HEIGHT	WIDTH	DEPTH
ROCKY SERIES														
ACOR2D1	2-3	YES	2	1.5	5.2	5.2	115V	11	20	115V PLUG	170	26	26	18
ACOR2D1Q	2-3	YES	2	1.5	5.2	5.2	115V	11	20	115V PLUG	210	31	26	23
ACOR2D2	2-3	YES	2	1.5	5.2	5.2	208/230V	8	20	230V HARD	170	26	26	18
ACOR2D2Q	2-3	YES	2	1.5	5.2	5.2	208/230V	8	20	230V HARD	210	31	26	23
ACOR3T2	3-5	YES	3	2.25	7.8	7.8	208/230V	12	20	230V HARD	265	30	36	23
ACOR3T2Q	3-5	YES	3	2.25	7.8	7.8	208/230V	12	20	230V HARD	305	35	37	23
ACOR4Q2	4-6	YES	4	3	10.4	10.4	208/230V	16	30	230V HARD	290	32	41	24
OILLESS SERIES														
ACO2S1	2	YES	1	1	4.8	4.8	115V	16	20	115V PLUG	159	27	26	19
ACO2S2	2	YES	1	1	4.8	4.8	208/230V	8	20	230V HARD	159	27	26	19
ACO4D2	4	YES	2	2	9.6	9.6	208/230V	16	20	230V HARD	228	31	36	21
ACO6T2	6	YES	3	3	14.6	14.6	208/230V	24	30	230V HARD	298	33	41	24
LUBRICATED SERIES														
ACL2S1	2	YES	1	1	4.7	4.7	115V	16	20	115V PLUG	200	30	26	18
ACL2S2	2	YES	1	1	4.7	4.7	208/230V	6.4	20	230V HARD	200	30	26	18
ACL4D2	4	YES	2	2	9.4	9.4	208/230V	12.8	20	230V HARD	310	33	36	22
ACL6T2	6	YES	3	3	14.1	14.1	208/230V	19.2	30	230V HARD	450	35	41	24

Maintenance Kits

Oilless Comp.	Maintenance Kit	Lubricated Comp.	Maintenance Kit
ACO2S1	CSKO-1P	ACL2S1	CSKL-1P
ACO2S2	CSKO-1P	ACL2S2	CSKL-1P
ACO4D2	CSKO-2P	ACL4D2	CSKL-2P
ACO6T2	CSKO-3P	ACL6T2	CSKL-3P