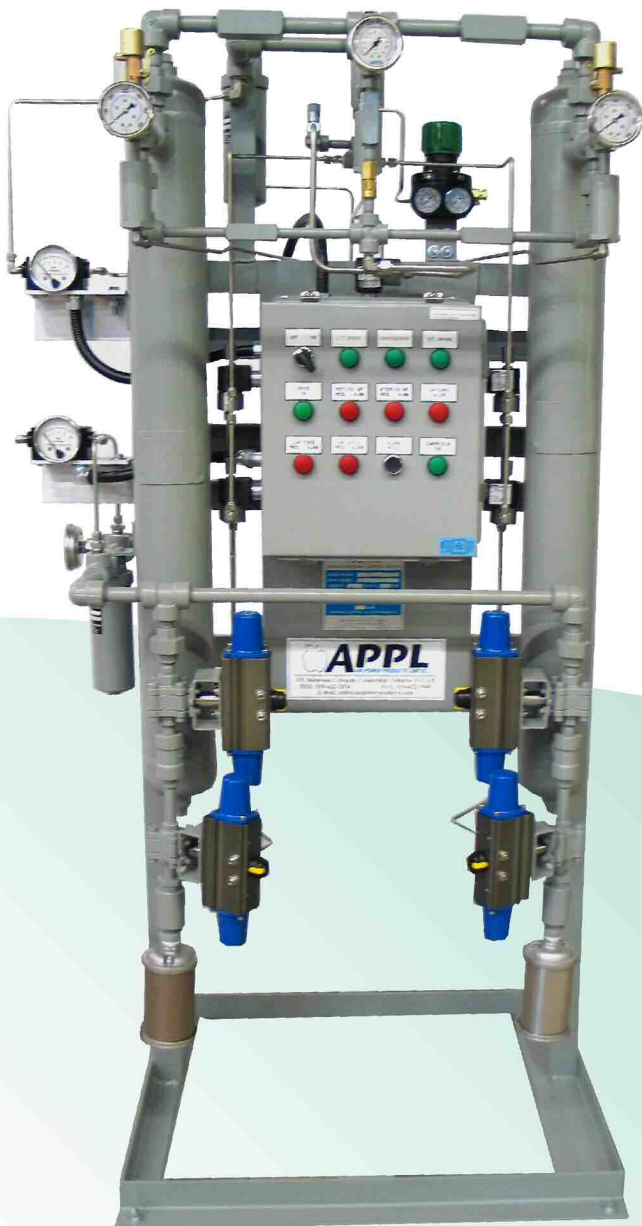




TWINTOWER, HEATLESS, REGENERATIVE, COMPRESSED AIR DRYERS CAPACITIES OF 8 TO 75 SCFM (@ 100 PSIG)

- CRN REGISTERED TOWERS FOR MOST PROVINCES
- HEAVY DUTY DRYERS BUILT FOR THE TOUGHEST INDUSTRIAL SERVICE

CUSTOM DESIGNED
HIGH PRESSURE MODEL AP80HP400



Standard Wall-Mount
Model AP-50-FP

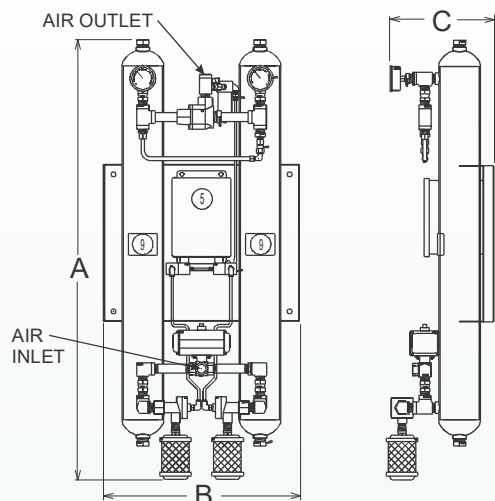
Explosion Proof Controls
AP-30-FP c/w Floor Stand



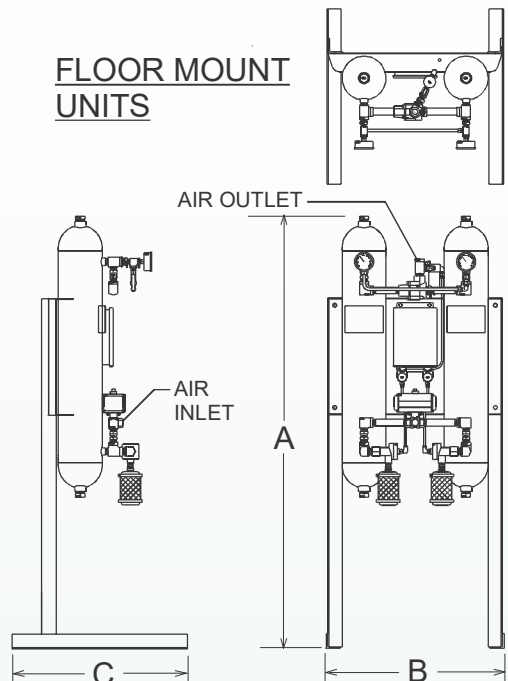
DEW POINTS FROM
MINUS 40° TO -70° C

GENERAL ARRANGEMENT, DIMENSIONS and CAPACITIES

WALL MOUNT UNITS



FLOOR MOUNT UNITS



MODEL	HEIGHT "A"	WIDTH "B"	DEPTH "C"	WEIGHT -LBS
AP-8-FP	41.75/58	20/20.5	8.75/28	55
AP-16-FP	45/61	20/20.5	9.5/28	77
AP-30-FP	45/61	20/20.5	10.5/28	105
AP-50-FP	45/61	24/24.5	13/28	160
AP-75-FP	44/60	34/35.5	16/28	190

NOTE: Desiccant towers include dedicated fill and drain ports to allow for fast and easy change-out of the desiccant without removing any inlet or outlet piping. Replacement of the activated alumina desiccant is economical. **APPL** does not use expensive proprietary desiccant cartridges as supplied in many competitive units.

DRYER CAPACITIES

MODEL	DRYER CAPACITIES AT PRESSURE - SCFM			
	80 PSIG	100 PSIG	120 PSIG	140 PSIG
AP-8	6.6	8	9.4	10.8
AP-16	13.2	16	18.8	21.6
AP-30	24.8	30	35.2	40.5
AP-50	41	50	63	67.4
AP-75	62	75	88	101
PURGE AIR CONSUMPTION	18.8%	15%	12.4%	9%

NOTE: 1) Capacities are based on a minus 40°C pressure dew point, inlet air temperature of 38°C, saturated inlet air, and a 10 minute time cycle. Lower dew points may be achieved with a 4 minute time cycle. Consult factory for details. Capacities are at inlet. Deduct purge air consumption at rate shown for output capacity.
 2) Dimensions are in inches.
 3) Standard purge orifice is sized for 100 PSIG operation unless otherwise specified.
 4) Specifications are subject to change without notice.

THE BENEFITS OF OWNING AN APPL TWINTOWER DRYER

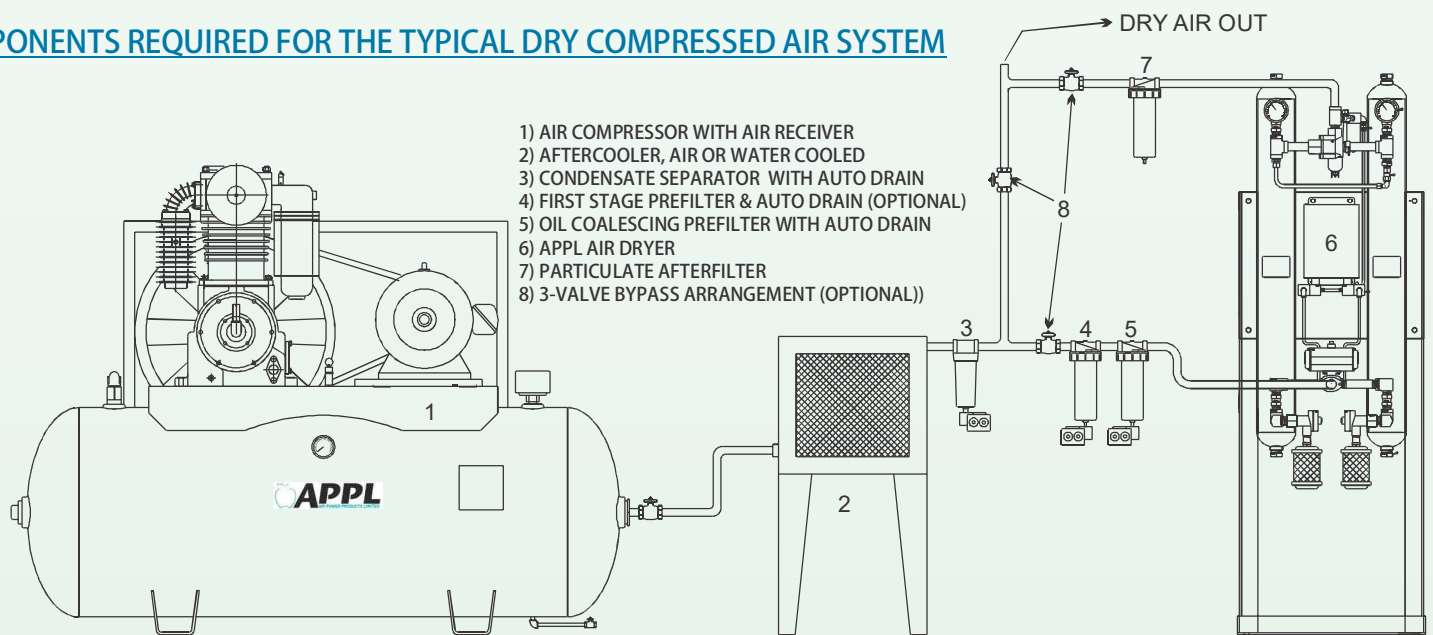
- Steel Construction of towers, powder coated, suitable for corrosive environments - pressure rated to 580 PSIG.
- Easy desiccant replacement through plugged fill and drain ports - no proprietary expensive desiccant cartridges to replace at predetermined time intervals.
- Plated steel hydraulic pipe fittings, and stainless steel schedule 40 pipe nipples for corrosion free service
- Stainless steel 3-way inlet valve with position indication - no sliding spool valves to fail due to desiccant abrasion. Poppet-style diaphragm-operated purge exhaust valves.
- 10 minute time cycle with removable jumper for 4 minute cycles yielding lower dew points
- Programmable smart relay to control tower switching valves - no over-priced proprietary circuit boards
- Stainless steel poppet-style control air solenoid valves for switching valve operation

OPTIONAL EQUIPMENT & FEATURES

There are many items available as optional equipment and features on APPL's twintower dryers. Some of these options, such as prefilters, are mandatory for the protection of the desiccant from oil contamination. Others may be useful in saving purge air, or alarming in the event of a non-standard condition. The following is a partial list of some popular options.

- Oil Coalescing Prefilters (with optional coarse filter in-line prior to fine coalescer
- Particulate Afterfilter to remove desiccant fines
- Optional activated charcoal final filter
- Mounting of filters with bypass valves
- Floor Stand
- Smaller purge orifice sizing for lower capacities to reduce/save purge air requirements
- "Purge-While-Pumping Only" controls allows purging only while compressor is running/loaded
- "Purge Economizer Controls" reduces purge flow based on hygrometer controlled purging.
- "Tower Switching Failure" alarm monitors tower pressure to ensure depressurization and repressurization within required time frames
- "High Humidity" alarm with optional audible buzzer
- "High" or "Low" pressure alarm

COMPONENTS REQUIRED FOR THE TYPICAL DRY COMPRESSED AIR SYSTEM



AIR POWER PRODUCTS LIMITED

191 Shearson Crescent, Cambridge, On N1T 1J5

Tel: 519-622-2034

Fax: 519-622-1949

E-mail: info@airpowerproducts.com

web : www.airpowerproducts.com