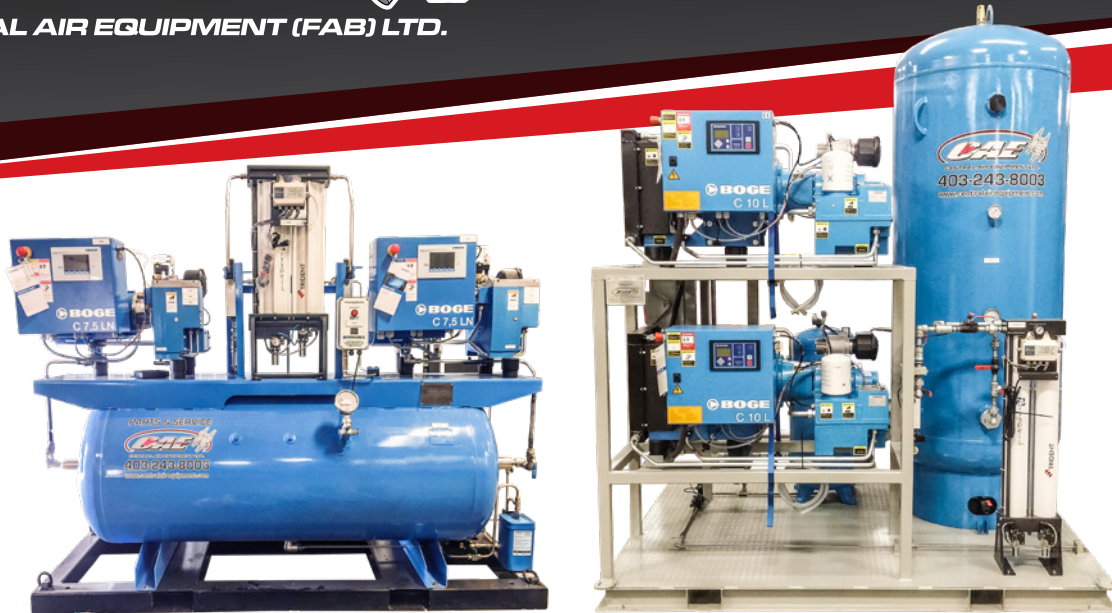




1322 Hastings Crescent SE
 Calgary, AB T2G 4C9
 403.243.8003 | info@cae-ltd.ca
 centralairequipment.com



DUPLEX INSTRUMENT AIR PACKAGE

STANDARD FEATURES

Delivered Air Quality*: ISO Class 1.2.1 | **Drain types**: Zero-air-loss | **Compressor Piping**: 316SS Stainless tubing
Motor Starters: Wye-Delta soft start | **Controller**: Microprocessor controls (BOGE BASE Controller) | **CRN Registration**: All components

**Rated per ISO 8573:2010*

Model: C4L IA Twin

ACFM Delivery*: 11 acfm (x2) @ 150 psig
HP Per Compressor: 4 hp
Compressor Operating dBA: 63 dBA
Standard Receiver Size: 120 gallon
Duplex 4hp Package with Trident Dryer and Filters

Model: C5L IA Twin

ACFM Delivery*: 14 acfm (x2) @ 150 psig
HP Per Compressor: 5 hp
Compressor Operating dBA: 65 dBA
Standard Receiver Size: 120 gallon
Duplex 5hp Package with Trident Dryer and Filters

Model: C7L IA Twin

ACFM Delivery*: 30 acfm (x2) @ 125 psig
HP Per Compressor: 7.5 hp
Compressor Operating dBA: 72 dBA
Standard Receiver Size: 240 gallon
Duplex 7.5hp Package with Trident Dryer and Filters

Model: C10L IA Twin

ACFM Delivery*: 37 acfm (x2) @ 150 psig
HP Per Compressor: 10 hp
Compressor Operating dBA: 68 dBA
Standard Receiver Size: 400 gallon
Duplex 10hp Package with Trident Dryer and Filters

Model: C15L IA Twin

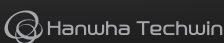
ACFM Delivery*: 69 acfm (x2) @ 125 psig
HP Per Compressor: 15 hp
Compressor Operating dBA**: 73 dBA
Standard Receiver Size: 400 gallon
Duplex 15hp Package with Trident Dryer and Filters

Model: C20L IA Twin

ACFM Delivery*: 77 acfm (x2) @ 150 psig
HP Per Compressor: 20 hp
Compressor Operating dBA**: 73 dBA
Standard Receiver Size: 400 gallon
Duplex 20hp Package with Trident Dryer and Filters

***Rating includes supplied sound attenuating enclosures*

**Rated per ISO 1217:2009 Annex C*



COMPRESSORS: TWO (2) ROTARY SCREW BOGE CL SERIES UNITS

- Inline Direct drive (no gears) compressor with flexible coupling
- Air cooled oil cooler and after-cooler
- WEG TEFC IEEE efficiency motors

DRYER & FILTERS: TRIDENT MODELS SIZED TO MATCH THE COMPRESSORS

(One) Trident modular twin-tower model PD series dryer with mixed bed of Activated Alumina and Mol Sieve. Preset for -40°C Pressure Dewpoint.

- Dries compressed air to ISO8573.1 Class 1.2.1
- Panel display with selectable operating load (40%, 60%, 80%, 100%)

TWO (2) PRE-FILTERS (DUAL STAGE, SINGLE TRAIN)

- First stage is 1 micron sized to match the compressor. 0.5 ppm oil aerosol with borosilicate microfiber glass media
- Second stage is .01 micron sized to match the compressor, .01 ppm oil aerosol

ONE (1) AFTER-FILTER (SINGLE STAGE, SINGLE TRAIN)

- 1-micron reverse-flow dust filter
- Filter comes with manual drain to assure operators of the integrity of the desiccant beds

PACKAGED WITH WET AIR RECEIVER

- 200 psig MAWP
- CRN and ASME Section VIII U Stamp. Comes with U1A form for registry with ABSA
- Accessories include 2.5" liquid filled pressure gauge with isolation valve, PSV and 120V JORC zero-air-loss auto drain valve with bypass for service

PIPING & VALVES

- Stainless tube for cold temps, tight tubing and leak free design
- All valves are full port 2-piece threaded ball valves with stainless steel body, plated ball, and Teflon seals
- ¼" drain tubing from compressors, each pre-filter and wet air receiver to ½" common discharge at tank feet
- CAE standard documentation (P&ID, GA, U1A form for registry, Compressor and Dryer manuals and Wiring diagrams) and shop run test

AVAILABLE OPTIONS:

- Class 1 Zone 2 certification and registry
- No yellow metals
- Duplex Filters
- Condensate Treatment Station for conformance to Alberta EE&P Act 2000
- Class 1 Zone 1 certification and registry
- Duplex Dryers
- Simplex Compressor
- Oil removal down to .003 ppm
- Alternative receiver sizes

CAE can accommodate other specifications/requirements upon request