PRODUCT DATASHEET

Compressor Package and Air Dryer

Instrument air packages and dryers, dew point to −40 °C





DETAIL – DRYER TOWERS

OVERVIEW

The Tech Inc. Compressor Package and Air Dryer covers skid-mounted compressed air and gas packages, with drying and filtration, ready to connect. Oil and gas sites, process plants and offshore utilities use them for instrument and plant air and to feed nitrogen generators. Compressors and dryers are sourced from leading equipment makers; Tech Inc. designs and builds the skid, with piping, instrumentation, controls and FAT.

MODELS AND CONFIGURATIONS

- **Instrument and plant air package** – screw compressor, receiver, dryer and filters on one skid.
- **Heatless desiccant dryer** – twin towers regenerated with a share of the dried air, for low dew points.
- **Heated desiccant dryer** – heater-assisted regeneration to reduce purge air use.
- **Refrigerated dryer** – for plant air where a moderate dew point is enough.
- **Gas booster package** – raises air or gas to a higher pressure for process or test duties.

TYPICAL DESIGN DATA

Instrument air dew point	Down to −40 °C, or to client specification
Air quality	Filtration to ISO 8573-1 classes, or to client specification
Capacity and pressure	Sized to the site demand, or to client specification
Dryer type	Heatless, heated desiccant or refrigerated, or to client specification
Construction	Skid-mounted and ready to connect, or to client specification

APPLICATIONS

Instrument and plant air for oil and gas sites, process plants, offshore utilities, nitrogen generator feed.

KEY ADVANTAGES

- **Dry instrument air** – dew point down to −40 °C protects valves and instruments from moisture
- **Clean air** – filtration to ISO 8573-1 classes
- **Ready to connect** – compressor, receiver, dryer and filters piped and tested on one skid
- **Dryer to suit the duty** – heatless, heated desiccant or refrigerated
- **Matched nitrogen feed** – sized to supply Tech Inc. nitrogen generator skids

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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