

# HEATLESS REGENERATED DESSICANT AIR DRYER

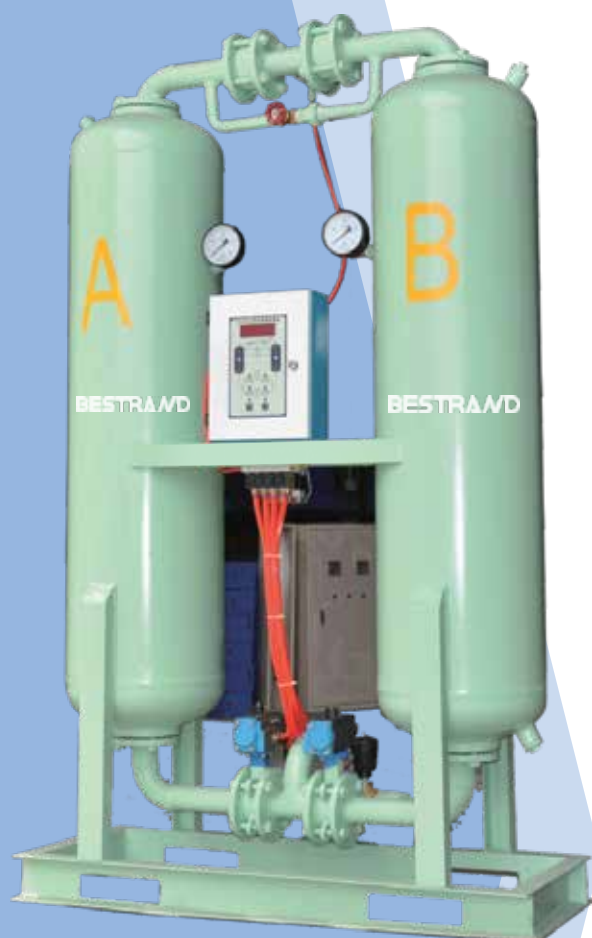


# Regenerated Air Dryer

## Heatless Regenerated Air Dryer

working condition and Technical data

|                   |                                                   |
|-------------------|---------------------------------------------------|
| Inlet temperature | 0~45℃                                             |
| Inlet oil content | ≤0.01ppm                                          |
| Working pressure  | 0.6~1.6Mpa                                        |
| Dew point         | ≤-20℃~-70℃                                        |
| Purge air         | ≤16%                                              |
| Desiccant         | activated alumina & molecular sieve               |
| Purge mode        | heatless purge                                    |
| Working method    | continuing alternative working between two towers |
| Working periods   | T=10~20min                                        |
| Control mode      | micron computer auto controlling                  |



Technical flow

A、B tower

1、2、3、4 switching valve

5 muffler

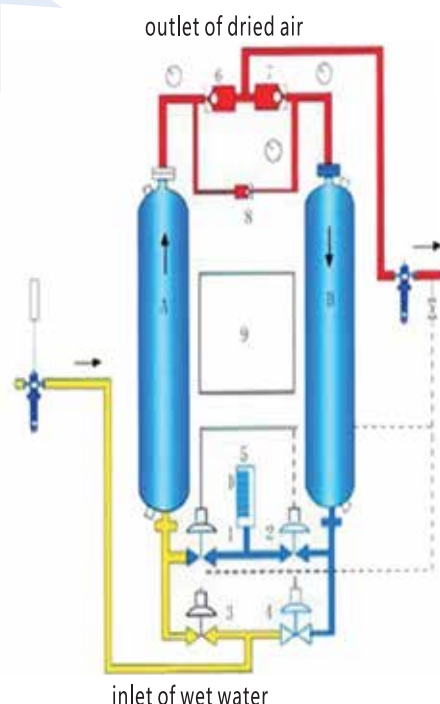
6、7 check valve

8 throttle valve

9 controller

## Technical Data

| Model                          | Flow Capacity | Conn.                  | Dimensions mm |      |      | Weight |
|--------------------------------|---------------|------------------------|---------------|------|------|--------|
|                                | M3/min        |                        | L             | W    | H    | Kg     |
| Heatless Regenerated Air Dryer |               |                        |               |      |      |        |
| BT-1PH                         | 1.5           | 1"（DN25 as optional）   | 800           | 350  | 1550 | 120    |
| BT-2PH                         | 2.5           | 1"（DN25 as optional）   | 800           | 350  | 1650 | 150    |
| BT-3PH                         | 3.8           | 1.5"（DN40 as optional） | 1000          | 450  | 1700 | 200    |
| BT-6PH                         | 6.8           | 1.5"（DN40 as optional） | 1350          | 550  | 1900 | 350    |
| BT-11PH                        | 11            | 2"（DN50 as optional）   | 1400          | 600  | 2100 | 450    |
| BT-13PH                        | 13            | 2"（DN50 as optional）   | 1400          | 600  | 2100 | 510    |
| BT-16PH                        | 16            | 2.5"（DN65 as optional） | 1400          | 600  | 2100 | 510    |
| BT-25PH                        | 25            | 3"（DN80 as optional）   | 1650          | 650  | 2400 | 950    |
| BT-35PH                        | 35            | 3"（DN80 as optional）   | 1700          | 750  | 2650 | 1400   |
| BT-45PH                        | 45            | DN100                  | 1800          | 750  | 2850 | 1700   |
| BT-55PH                        | 55            | DN100                  | 1900          | 750  | 2850 | 1950   |
| BT-65PH                        | 65            | DN150                  | 2300          | 850  | 3050 | 2400   |
| BT-85PH                        | 85            | DN150                  | 2800          | 1000 | 3050 | 2900   |
| BT-120PH                       | 120           | DN200                  | 3000          | 1100 | 3200 | 3950   |
| BT-160PH                       | 160           | DN200                  | 3000          | 1600 | 3200 | 6200   |





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