

HEATED REGENERATED DESSICANT AIR DRYER



Heated Regenerated Air Dryer

Working condition and Technieal data

Dew point $\leq -40^{\circ}\text{C} \sim -70^{\circ}\text{C}$

Inlet temperature $0 \sim 45^{\circ}\text{C}$

Working pressure $0.6 \sim 1.6\text{Mpa}$

Desiccant activated alumina & molecular sieve

Working method working between two towers

Control mode micron computer auto controlling

Inlet oil content $< 0.01\text{ppm}$

Purge air $\leq 4 \sim 8\%$

Purge mode externally heated purge

Working periods $T = 120 \sim 480\text{min}$

Installation mode indoor, non-basement



Technical flow

A、B tower

3、4、6、7 check valve

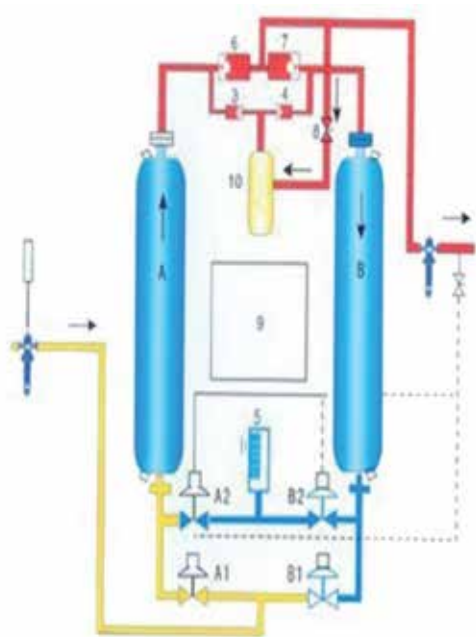
5 muffler insert

8 throttle valve

9 controller

10 electric heater

A1、A2、B1、B2 switching valve



Technical Data

Model	Flow Capacity	Heat Power	Conn.	Dimensions mm			Weight
	M3/min	Kw		L	W	H	Kg
Heated Regenerated Air Dryer							
BT-1PE	1.5	1	1" (DN25 as optional)	800	350	1550	120
BT-2PE	2.5	2	1" (DN25 as optional)	800	350	1650	150
BT-3PE	3.8	2	1.5" (DN40 as optional)	1000	450	1700	200
BT-6PE	6.8	3	1.5" (DN40 as optional)	1350	550	1900	350
BT-11PE	11	3	2" (DN50 as optional)	1400	600	2100	450
BT-13PE	13	3	2" (DN50 as optional)	1400	600	2100	510
BT-16PE	16	3	2.5" (DN65 as optional)	1400	600	2100	510
BT-25PE	25	6	3" (DN80 as optional)	1650	650	2400	950
BT-35PE	35	9	3" (DN80 as optional)	1700	750	2650	1400
BT-45PE	45	12	DN100	1800	750	2850	1700
BT-55PE	55	15	DN100	1900	750	2850	1950
BT-65PE	65	21	DN150	2300	850	3050	2400
BT-85PE	85	21	DN150	2800	1000	3050	2900
BT-120PE	120	30	DN200	3000	1100	3200	3950
BT-160PE	160	51	DN200	3000	1600	3200	6200



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