

REFRIGERANT AIR DRYER

AIR COOLING SERIES

Air cooling Refrigerant Air dryer low temperature series

Using requirement

- Air Inlet temperature $\leq 45^{\circ}\text{C}$
- Ambient temperature $\leq 40^{\circ}\text{C}$
- Assembly Ambient: keep ventilation, no dust, smeary oil;
- Assembly place: keep the place smooth, keep it away from the wall 80cm at least;

Air cooling Refrigerant Air dryer high temperature series

Using requirement

- Air Inlet temperature $\leq 80^{\circ}\text{C}$
- Ambient temperature $\leq 40^{\circ}\text{C}$
- Assembly Ambient: keep ventilation, no dust, smeary oil;
- Assembly place: keep the place smooth, keep it away from the wall 80cm at least;



JBDL

Air cooling refrigerant air dryer technic parameter(low temperature series):

Technic data	JBDL-	10A	20A	30A	60A	75A	100A	120A	150A	200A	250A	300A	400A
m ³ /min Air delivery		1.6	2.6	3.8	7.0	8.5	11.5	13.5	17	23	27	34	45
working pressure		0.2-1.0 Mpa											
Dewpoint		2°C-10°C											
Cooler		R-22											
Power		1φ50Hz/220V						3φ50Hz/380V					
(kw)Refrigerator power		0.28	0.6	0.75	1.1	1.3	1.5	2.2	2.9	3.7	4.8	5.5	7.5
(w) Fan power		80	80	90	120	180	180	270	270	270	360	540	540
Air Inlet/Outlet size		ZG1"	ZG1"	ZG1"	ZG1 1/2"	ZG1 1/2"	ZG2"	ZG2"	DN65	DN80	DN80	DN80	DN100
Length(mm)		800	800	800	970	1100	1300	1550	1550	1550	1850	1850	1950
Width(mm)		450	450	450	550	600	600	650	800	800	820	850	950
High(mm)		710	710	710	800	870	870	1050	1200	1200	1280	1400	1430
N.W.(kg)		80	85	90	180	200	250	285	380	460	550	650	750

JBDH

Air cooling refrigerant air dryer(high temperature series):

Technic data	JBDH-	5A	10A	20A	30A	60A	75A	100A	120A	150A	200A	250A	300A	400A
m ³ /min Air delivery		0.7	1.6	2.6	3.8	7.0	8.5	11.5	13.5	17	23	27	34	45
working pressure		0.2-1.0 Mpa												
Dewpoint		2°C-10°C												
Cooler		R-22												
Power		1φ50Hz/220V						3φ50Hz/380V						
(kw)Refrigerator power		0.18	0.28	0.6	0.75	1.1	1.3	1.5	2.2	2.9	3.7	4.8	5.5	7.5
(w) Fan power		30	170	170	180	300	300	420	510	510	600	720	900	1200
Air Inlet/Outlet size		ZG1 1/2"	ZG1"	ZG1"	ZG1"	ZG1 1/2"	ZG1 1/2"	ZG2"	ZG2"	DN65	DN80	DN80	DN80	DN100
Length(mm)		545	800	800	800	970	1100	1300	1550	1550	1550	1850	1950	2000
Width(mm)		400	450	450	450	550	600	600	650	800	800	820	850	950
High(mm)		530	970	970	970	1100	1250	1250	1430	1650	1650	1865	1900	2000
N.W.(kg)		50	95	100	105	210	250	300	350	470	550	650	800	1000

REFRIGERANT AIR DRYER

WATER COOLING SERIES

Water cooling Refrigerant Air dryer low temperature series

Using requirement

- Air Inlet temperature $\leq 45^{\circ}\text{C}$
- Assembly place: keep the place smooth, keep it away from the wall 80cm at least;
- Cooling water working pressure: 0.2- 0.4Mpa, Water Inlet temperature $\leq 32^{\circ}\text{C}$
- Preparing cooling water: L/H = 300 x water displacement (m³/min)
- Condenser water displacement: 157 x water displacement(m³/min)

Water cooling Refrigerant Air dryer High temperature series

Using requirement

- Air Inlet temperature $\leq 80^{\circ}\text{C}$
- Cooling water working pressure: 0.2- 0.4Mpa, Water Inlet temperature $\leq 32^{\circ}\text{C}$
- Preparing cooling water: L/H = 300 x water displacement(m³/min)
- Condenser water displacement: 157 x water displacement(m³/min)



JBDL

Water cooling refrigerant air dryer(low temperature series):

Technic data	JBDL-	120W	150W	200W	250W	300W	400W	500W	600W	800W	1000W	1500W	2000W	3000W
m ³ /min Air delivery		13.5	17	23	27	34	45	55	65	87	110	160	210	320
working pressure		0.2-1.0 Mpa												
Dewpoint		2°C-10°C												
Cooler		R-22												
Power		3φ50Hz/380V												
(kw)Refrigerator power		2.2	2.9	3.7	4.8	5.5	7.5	8.8	11	15	22	30	37	45
Water Inlet/Outlet Size		ZG1/ 2"	ZG3/ 4"	ZG3/ 4"	ZG1"	ZG1"	ZG1 1/4"	ZG1 1/2"	ZG2"	ZG2"	ZG2 1/2"	ZG3"	ZG4"	ZG5"
Air Inlet/Outlet size		DN50	DN65	DN80	DN80	DN80	DN100	DN100	DN125	DN150	DN150	DN200	DN200	DN250
Length(mm)		1550	1450	1550	1800	1850	2000	2050	2100	2400	2600	3300	3800	4000
Width(mm)		650	780	800	780	850	950	1100	1265	1265	1350	1750	1750	2000
High(mm)		1050	1200	1200	1200	1400	1430	1550	1635	1730	1820	2000	2000	2200
N.W.(kg)		280	380	460	550	650	750	1250	1500	1800	2000	2200	2500	3000

JBDH

Water cooling refrigerant air dryer(high temperature series):

Technic data	JBDH-	120W	150W	200W	250W	300W	400W	500W	600W	800W	1000W	1500W	2000W	3000W
m ³ /min Air delivery		13.5	17	23	27	34	45	55	65	87	110	160	210	320
working pressure		0.2-1.0 Mpa												
Dewpoint		2°C-10°C												
Cooler		R-22												
Power		3φ50Hz/380V												
(kw)Refrigerator power		2.2	2.9	3.7	4.8	5.5	7.5	8.8	11	15	22	30	37	45
First Water Inlet Size		ZG3/ 4"	ZG1"	ZG1"	ZG1 1/2"	ZG1 1/2"	ZG2"	ZG2"	ZG2 1/2"	ZG2 1/2"	ZG3"	ZG3"	ZG3"	ZG4"
Water Inlet/Outlet Size		ZG1/ 2"	ZG3/ 4"	ZG3/ 4"	ZG1"	ZG1"	ZG1 1/4"	ZG1 1/2"	ZG2"	ZG2"	ZG2 1/2"	ZG3"	ZG4"	ZG5"
Air Inlet/Outlet size		DN50	DN65	DN80	DN80	DN80	DN100	DN100	DN125	DN150	DN150	DN200	DN200	DN250
Length(mm)		1550	1550	1800	1800	1950	2000	2250	2400	2450	2600	3300	3800	4000
Width(mm)		650	780	780	780	850	950	1100	1300	1265	1265	1750	1750	2000
High(mm)		1350	1430	1530	1430	1800	1800	1840	2000	2150	2180	2400	2500	2800
N.W.(kg)		280	380	460	550	650	750	1250	1500	1800	2000	2200	2500	3000