



FLYING TIGER KJ CO., LTD.

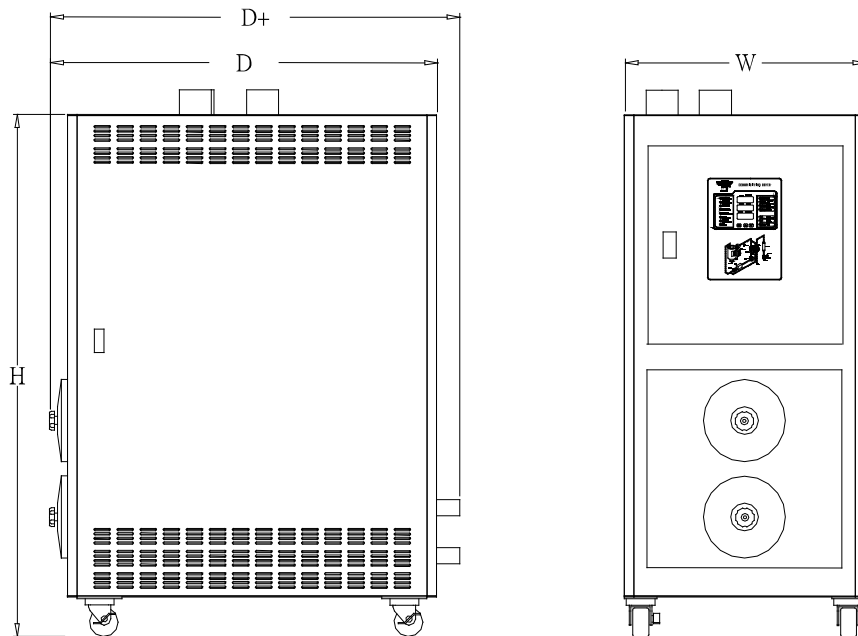
Plastic Auxiliary Equipment & Turnkey Solution Experts

<http://www.tigerkj.com.tw> E-mail: tigerkj@ms15.hinet.net

HONEYCOMB DEHUMIDIFYING DRYER

FEATURES:

1. The honeycomb & ceramic rotor operates without powder.
2. Dew-point keeps below -40 °C on stable during the l
3. Microprocessor controller monitors the operation status easily.
4. The air filters are able to be cleaned easily.
5. Cooler is well designed for handling the material with oil.
6. Well designed protection system for electricity and motors.



KRD-25~1000



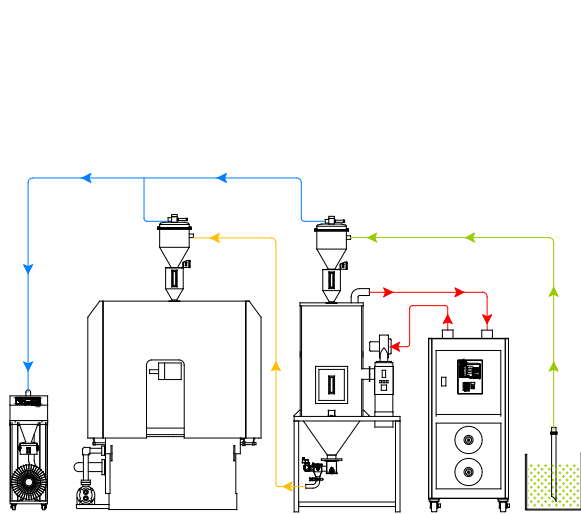
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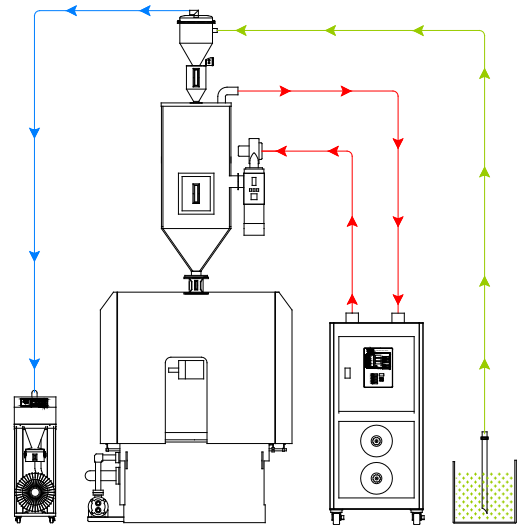
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FLOWCHART OF INDIVIDUAL DRYING SYSTEM:

Frame type

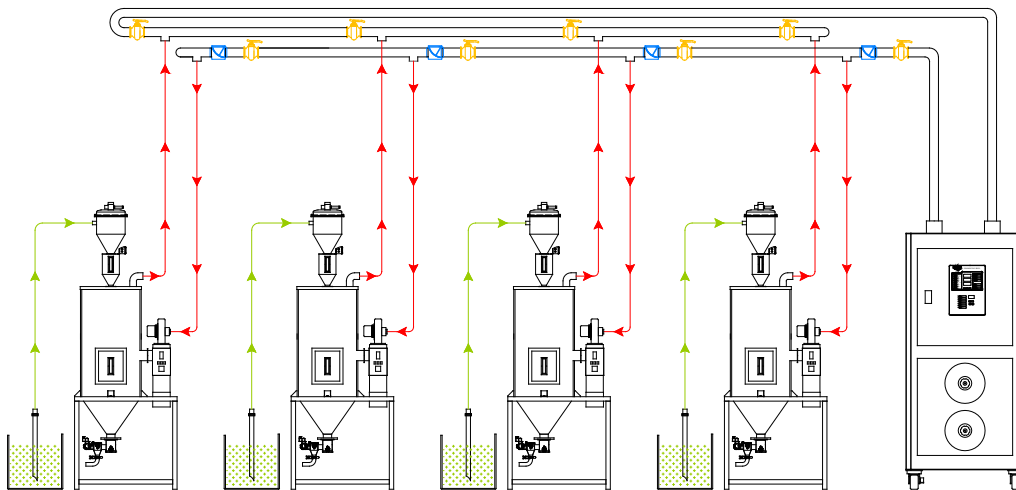


Direct mounting type

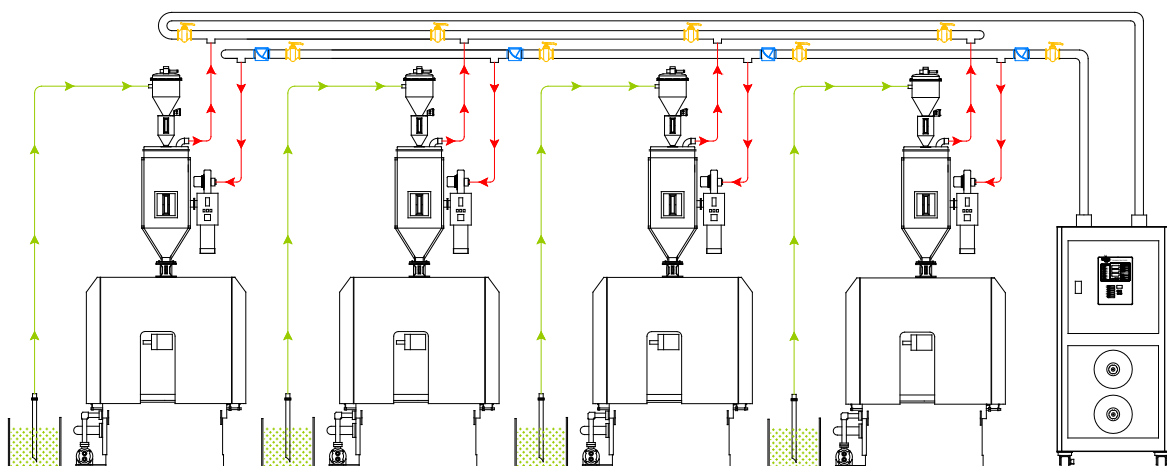


FLOWCHART OF MULTIPLE STATIONS DRYING SYSTEM:

Frame type



Direct mounting type





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HONEYCOMB DEHUMIDIFYING DRYER SPECIFICATIONS

1 of 1

Model		KRD-25	KRD-50	KRD-100	KRD-200	KRD-300	KRD-400	KRD-700	KRD-1000	
Air flow	CMH	25	50	100	200	300	400	700	1000	
Drying blower	60 HZ	KW	0.20	0.50	0.85	1.90	2.60	6.30	3.70	5.50
	50 HZ		0.18	0.40	0.75	1.75	2.20	5.50	3.70	5.50
Regenerative blower	60 HZ	KW	0.20	0.20	0.50	0.50	0.85	0.85	2.60	3.70
	50 HZ		0.18	0.18	0.40	0.40	0.75	0.75	2.60	3.40
Regenerative heater	KW	3.5	3.5	6.5	6.5	10.0	10.0	18.0	24.0	
Connection piping	INCH	2.0	2.0	2.5	2.5	3.5	3.5	5	6	
Regenerative air outlet	INCH	1.5	1.5	2.5	2.5	3.5	3.5	3.5	3.5	
Cooling water	INCH	1/2	1/2	3/4	3/4	1	1	1-1/4	1-1/2	
	LPM	5	10	15	30	50	60	100	150	
	KG/CM ²	Over 1.0 - 1.5 KG/CM ²								
Total load	60 HZ	KW	3.9	4.2	7.9	8.9	13.5	16.4	24.3	33.2
	50 HZ		3.9	4.1	7.7	8.7	13.0	16.3	23.9	32.9
Dimension	W	CM	55	55	55	55	75	75	100	110
	D		80	80	100	100	115	115	180	200
	H		152	152	152	152	182	182	192	212
With pipeline	D ⁺		86	86	106	106	121	121	186	206
Approx. weight	KG	180	185	195	200	210	215	550	600	
Options	1.Dew-point meter 2.Oil collector 3.Air flow indicator 4. Insulated & dust-free hopper dryer. 5. Silicone pipe and piping accessories.									
Remarks	1. The model \leq KRD-400, drying blower is designed with ring blower. 2. The model \geq KRD-700, drying blower is designed with multi-stage turbo blower. 3. We reserve the right to change specifications without prior notice.									



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PERFORMANCES

Material	Drying temp.	Drying time	Drying capacity(KG/HR)								
			KRD-30	KRD-60	KRD-100	KRD-200	KRD-300	KRD-400	KRD-600	KRD-800	KRD-1000
ABS	80	2-3	19	38	63	126	189	252	377	503	629
IONOMER(SURLYN)	60	4-8	16	33	55	109	164	219	328	437	546
LCP	150	3-4	10	20	33	67	100	133	200	267	333
PA6/6.6/6.10/6.12	80	4-6	11	23	38	77	115	153	230	307	383
PA 11/12	80	4-5	9	18	30	61	91	121	182	242	303
PBT	140	3-4	9	19	31	62	93	123	185	247	309
PC	120	3	15	29	49	97	146	194	291	388	485
PC+ABS	100	3-4	15	31	52	103	155	206	309	412	515
PEEK	150	3	14	27	45	90	135	180	270	360	450
PEI	150	3-4	14	29	48	95	143	190	286	381	476
PES	160	4	11	23	38	77	115	153	230	307	383
PET	160	4-6	9	18	29	59	88	117	176	235	293
PETG	66	4-5	16	31	52	105	157	209	314	419	524
PI	120	2	16	31	52	105	157	209	314	419	524
PMMA	80	3	16	33	55	110	165	220	330	440	549
POM	100	2	16	32	54	108	162	216	324	432	541
PPO	110	2	14	28	46	93	139	185	278	370	463
PPS	140	3-4	14	28	46	93	139	185	278	370	463
PUS	120	3-4	16	33	55	109	164	219	328	437	546
PU	90	3-4	12	23	39	78	117	156	233	311	389
TPU	90	2-3	14	29	48	97	145	193	290	386	483
Remarks	<p>1. How to choose suitable model?</p> <p>a. For the best choice, please refer to the "drying capacity" under 60HZ frequency.</p> <p>b. For the best choice, please refer to the "80-85% of" drying capacity" under 50Hz frequency.</p> <p>2. The drying capacity shows the values in KG/HR at 200PPM residual moisture content under relative humidity 65% with ambient temp. of 20°C °</p>										