R Series High Efficiency Regenerative Desiccant Dryer

R Series High Efficiency Refrigerated Dryer

Ingersoll Rand®

R Series High Efficiency Regenerative Desiccant Dryer

D-ILRi/D-IERi Series

Heatless / Micro-heat Regenerative Desiccant Dryer

Ingersoll Rand D-ILRi and D-IERi desiccant dryer adopts heatless and micro-heat process technologies and combines dual drying towers and valve control to achieve high efficient compressed air after-treatment and excellent product reliability.

D-ILRi

D-IERi

Features:

- Reliable performance & long service life
- Intelligent control for high accuracy & efficiency
- Easy-to-install integrated structure
- Excellent design and superior performance
- Premium materials selected be aesthetic and robust
- Optimized customer experience with more functions

Technical Parameters:

D-ILRi Series Heatless Regenerative Desiccant Dryer

- Air flow: 1.2-127m^3/min
- Max. working pressure: 1.0MPa
- Rated working pressure: 0.7MPa
- Max. inlet temperature: 45°C
- Pressure dew point: -40°C
- Regeneration air consumption: ≤14%

D-IERi Series Micro-heat Regenerative Desiccant Dryer

- Air flow: 1.2-127m^3/min
- Max. working pressure: 1.0MPa
- Rated working pressure: 0.7MPa
- Max. inlet temperature: 45°C
- Pressure dew point: -40°C
- Regeneration air consumption: ≤8%

Model	Capacity	Power supply	Connection size		Dimensions			Weight
IER/ILRi	m^3/min	V/Ph/hz			Length (mm)	Width (mm)	Height (mm)	kg
D-ILRi Series Heatless Regenerative Desiccant Dryer								
D72ILRi40	1.2	220/1/50	1/2″	BSPT	730	480	1550	132
D126ILRi40	2.1	220/1/50	3/4″	BSPT	950	550	1630	168
D216ILRi40	3.6	220/1/50	1″	BSPT	1050	600	1680	321
D282ILRi40	4.7	220/1/50	1-1/2″	BSPT	1050	600	1680	342
D312ILRi40	5.2	220/1/50	1-1/2″	BSPT	1050	600	1680	358
D408ILRi40	6.8	220/1/50	1-1/2″	BSPT	1250	650	1760	405
D540ILRi40	9	220/1/50	2″	BSPT	1350	700	1840	442
D690ILRi40	11.5	220/1/50	2″	BSPT	1350	700	1840	485
D840ILRi40	14	220/1/50	2″	BSPT	1350	700	1840	565
D1050ILRi40	17.5	220/1/50	2-1/2″	BSPT	1450	800	1930	814
D1380ILRi40	23	220/1/50	3″	BSPT	1680	950	2060	955
D1710ILRi40	28.5	220/1/50	3″	BSPT	1750	950	2080	1112
D2040ILRi40	34	220/1/50	DN100	FLG	1850	1000	2150	1238
D2550ILRi40	42.5	220/1/50	DN100	FLG	2000	1100	2260	1537
D3120ILRi40	52	220/1/50	DN125	FLG	2100	1200	2430	1818
D3600ILRi40	60	220/1/50	DN125	FLG	2200	1250	2430	2156
D4500ILRi40	75	220/1/50	DN150	FLG	2320	1400	2680	2832
D5220ILRi40	87	220/1/50	DN150	FLG	2320	1400	2680	2860
D5940ILRi40	99	220/1/50	DN150	FLG	2420	1450	2680	3385
D6780ILRi40	113	220/1/50	DN150	FLG	2420	1450	2680	3820
D7620ILRi40	127	220/1/50	DN150	FLG	2620	1500	2750	4226
D-IERi Series Micro-heat Regenerative Desiccant Dryer								
D72IERi40	1.2	220/1/50	1/2″	BSPT	730	480	1550	145
D126IERi40	2.1	220/1/50	3/4″	BSPT	950	550	1650	186
D216IERi40	3.6	220/1/50	1″	BSPT	1050	600	1720	347
D282IERi40	4.7	220/1/50	1-1/2″	BSPT	1050	600	1720	385
D312IERi40	5.2	220/1/50	1-1/2″	BSPT	1050	600	1720	395
D408IERi40	6.8	220/1/50	1-1/2″	BSPT	1250	650	1800	447
D540IERi40	9	380/3/50	2″	BSPT	1350	700	1900	496
D690IERi40	11.5	380/3/50	2″	BSPT	1350	700	1900	533
D840IERi40	14	380/3/50	2″	BSPT	1350	700	1900	611
D1050IERi40	17.5	380/3/50	2-1/2″	BSPT	1450	800	1980	867
D1380IERi40	23	380/3/50	3″	BSPT	1680	950	2100	1009
D1710IERi40	28.5	380/3/50	3″	BSPT	1750	950	2110	1145
D2040IERi40	34	380/3/50	DN100	FLG	1850	1000	2190	1302
D2550IERi40	42.5	380/3/50	DN100	FLG	2000	1100	2300	1611
D3120IERi40	52	380/3/50	DN125	FLG	2100	1200	2450	1912
D3600IERi40	60	380/3/50	DN125	FLG	2200	1250	2470	2280
D4500IERi40	75	380/3/50	DN150	FLG	2320	1400	2720	2988
D5220IERi40	87	380/3/50	DN150	FLG	2320	1400	2720	3046
D5940IERi40	99	380/3/50	DN150	FLG	2420	1450	2720	3506
D6780IERi40	113	380/3/50	DN150	FLG	2420	1450	2720	3982
D7620IERi40	127	380/3/50	DN150	FLG	2620	1500	2800	4396
D9300IERi40	155	380/3/50	DN200	FLG	3000	1750	2900	5060

Note: 1. Standard conditions with ambient temperature: 38°C , inlet temperature: 38°C , inlet pressure: 7 barg.
2. Max ambient temperature: 40°C , Max inlet temperature: 45°C , Max inlet pressure: 10 barg.

D-IBR Series

Blast Heating Regenerative Desiccant Dryer

Ingersoll Rand D-IBR series blast heating desiccant dryer achieves high efficient drying of compressed air with great loss reduction and energy saving.

1. Compressed air with micro positive pressure discharged from the blower is heated by external electric heater before entering the regeneration tower for absorbent regeneration;
2. After heating regeneration for a period of time, turn off the heater and discharge cold air from the blower for regeneration & cooling;
3. When the temperature in the adsorption tower drops to a certain point, use the dry air at the operating tower outlet for cold blast regeneration in the regeneration tower (when partial compressed air after drying is consumed, with regeneration air consumption ≤3%), and for final absorbent regeneration and activation in the regeneration tower;
4. When no high quality outlet air is required (e.g. atmospheric dew point ≤-40°C) or ambient temperature is low, only use the blower for cold blast regeneration with no need to introduce dry air at the operating tower outlet, resulting in no regeneration air consumption (=0).

Features:

- Pneumatic switching valve with PPL seal guarantees reliable performance and long service life.
- Premium two-position five-way solenoid valve is used as pneumatic air valve to ensure reliable operation of the dryer.
- Blower with robust performance ensures normal operation of the dryer system.
- Unique design ensures uniform distribution of dry regenerative airflow, and eliminates "short circuit" phenomenon with large flow rate in the center and small at the edges.
- Stainless steel filter mesh is provided for the drying tower inlet and outlet pipe.
- Unique pressurization function ensures uninterrupted air supply at the time of switching the dryer.
- Various measures are taken to ensure that stable layered bed, and no wear & longer service life of the desiccant.
- Air flow passes through the dryer slowly for longer air-desiccant contact time, maintaining the required dew point and reducing pressure loss.
- Pressure gauge and safety valve is equipped for every tower.
- An appropriate cooling period is included in regeneration cycle to prevent dew point peak during switching.
- PLC & text display is configured as standard to meet local & remote control requirements.

Technical Parameters:

- Working pressure range: 0.7~1.0Mpa
- Regeneration air consumption: <3%
- Nominal pressure dew point: -40°C (optional -70°C)
- Rated inlet temperature: ≤38°C
- Adsorbent: activated alumina
- Cycle time: 8 hours
- Power supply: 380V/3PH/50Hz
- Pressure drop: ≤0.02MPa
- Control mode: PLC full automatic control

D-IBR Series Blast Heating Regenerative Desiccant Dryer								
Model	Nominal volume flow	Power supply	Connection size	Installed power	Dimensions			Weight
IBR	m^3/min	V/Ph/hz	mm	kW	Length (mm)	Width (mm)	Height (mm)	kg
D840IBR	14.00	380/3/50	DN50	11.4	1550	750	2395	1250
D1080IBR	18.00	380/3/50	DN65	20.5	1756	770	2608	1400
D1320IBR	22.00	380/3/50	DN65	20.5	1756	770	2608	1530
D1500IBR	25.00	380/3/50	DN65	20.5	1756	770	2608	1715
D1980IBR	33.00	380/3/50	DN80	23.5	1956	940	2661	2100
D2640IBR	44.00	380/3/50	DN100	34.5	2316	1400	2644	2690
D3600IBR	60.00	380/3/50	DN100	42	2516	1525	2659	3390
D4200IBR	70.00	380/3/50	DN125	58	2712	1694	2830	4190
D5400IBR	90.00	380/3/50	DN150	86.5	4061	2280	2979	5800
D7200IBR	120.00	380/3/50	DN150	107	4100	2321	2979	6800
D9000IBR	150.00	380/3/50	DN200	130	5337	2425	2922	9200

Note: All dryer air inlets are connected with HG20593/97 compliant flange.
Dimensions and air connection is based on outline drawings. Models with different flow rate can be provided on request.

Optional Configurations:

- Dew point hygrometer kit: used for online dew point detection and display.
- External steam heater: excess steam, if any, can be used to replace electric heater for power saving.
- DPOS dew point controlled energy-saving system.
- Centralized control system: PLC, in combination with optional RS485 communication interface, MODBUS or PROFITBUS communication protocol, achieves interlocked and centralized control with the air compressor.
- Internal circulation with zero gas consumption is optional.

D-ICR Series
High Efficiency Combined Dryer

D-ICR series high efficiency combined dryer makes a breakthrough over the ordinary simple serial connection of refrigeration-adsorption device to save energy and thus greatly increase ROI for end users.

1. Inlet air temperature is reduced to 5°C or below with freeze drying technology;
2. Saturated wet air under low temperature conditions passes through high-efficiency cyclone separator to remove condensed water and high-efficiency oil filter to remove oil dirt before entering the adsorption tower for low-temperature adsorption;
3. Dry cold air after adsorption enters freeze-drying system again for heat exchange with hot wet air at the inlet to increase the temperature;
4. The hotter dry compressed air mostly goes to the air pipeline, and a small part of it returns to the regeneration tower to regenerate the low-temperature saturated adsorbent with the changing temperature.

Features:

High Performance

Stable outlet temperature provides a steady low dew point, high-quality outlet compressed air with no impurities and moisture.

Ease of Maintenance

The compressed air first goes through the freeze drying system to lower the moisture content, which can effectively extend service life of adsorbent, prolong working cycle and reduce valve wear.

Optional Pressure Dew Point

Pressure dew point can be designed to be -40°C or -70°C according to on users' requirements.

Energy Saving

The dryer needs no electric heater and does not increase regeneration air consumption, which greatly reduces adsorbent regeneration air consumption (≤3%) and lowers power consumption of a refrigerant compressor by 20%~40%.

Space Saving

Compact structure has a smaller footprint than the simple serial connection of the refrigeration-adsorption device.

Technical Parameters:

- Nominal pressure dew point: -40°C (optional -70°C)
- Working pressure range: 0.7~1.0Mpa
- Regeneration air consumption: ≤3%
- Inlet temperature: ≤45°C
- Ambient temperature: 2°C~38°C (air-cooled)
- Cooling water temperature: 2°C~35°C (water-cooled)

D-ICR Series High Efficiency Combined Dryer (Water-cooled)

Model	Nominal volume flow	Power supply	Rated power	Connection size	Dimensions			Weight	Cooling water	Max. cooling water volume	Discharge connection
ICR	m^3/min	V/Ph/hz	kW	mm	Length (mm)	Width (mm)	Height (mm)	kg	pipe diameter	t/h	mm
D900ICR-W	15.00	380/3/50	3.76	DN65	1700	1050	2112	1150	R3/4″	2.0	Rc1/2″
D1200ICR-W	20.00	380/3/50	3.76	DN65	1700	1050	2112	1350	R3/4″	3.0	Rc1/2″
D1800ICR-W	30.00	380/3/50	5.60	DN80	1800	1150	2162	1800	R1″	4.0	Rc1/2″
D2400ICR-W	40.00	380/3/50	6.76	DN100	2000	1550	2212	2500	R1-1/4″	6.0	Rc1/2″
D3000ICR-W	50.00	380/3/50	6.76	DN125	2200	1600	2297	3500	R1-1/4″	7.2	Rc1/2″
D3600ICR-W	60.00	380/3/50	11.10	DN125	2200	1600	2317	4000	R1-1/4″	9.0	Rc1/2″
D4800ICR-W	80.00	380/3/50	11.82	DN150	2350	1650	2645	4500	R1-1/2″	12.0	Rc1/2″
D6000ICR-W	100.00	380/3/50	13.80	DN150	2700	1800	2665	6000	R1-1/2″	15.0	Rc1/2″
D7200ICR-W	120.00	380/3/50	13.80	DN150	2700	1800	2615	6500	R1-1/2″	18.0	Rc1/2″
D9000ICR-W	150.00	380/3/50	18.76	DN200	3000	2300	2752	8000	R1-1/2″	18.0	Rc1/2″

Note: All dryer air inlets are connected with HG20593/97 compliant flange.
Dimensions and air connection is based on outline drawings. Models with different flow rate can be provided on request.

Optional Configurations:

- Dew point hygrometer kit
- Auxiliary electric heater kit
- Modbus/Profibus for telecommunication
- Touch screen control
- Serial combination option

HCR Series

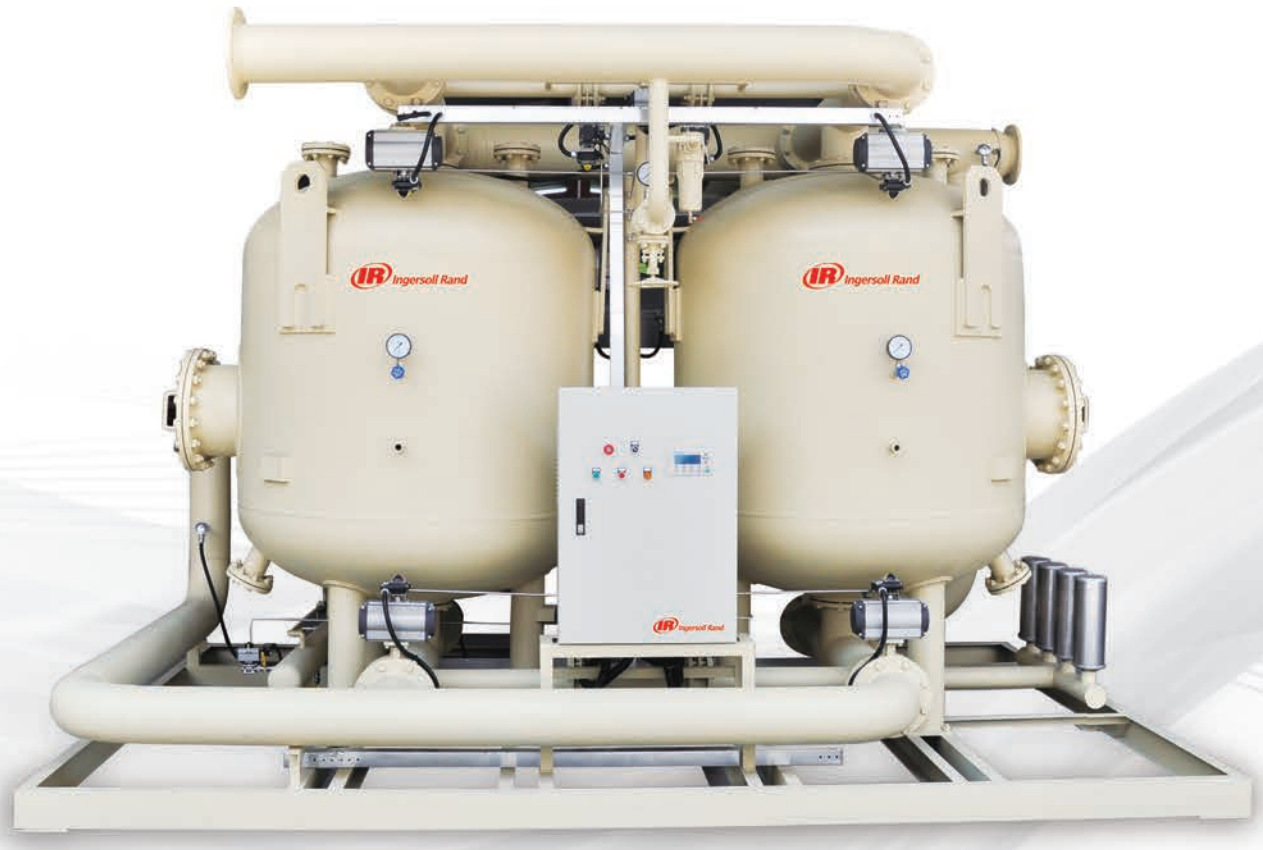
Compression Heating Regenerative Desiccant Dryer

HCR series compression heating regenerative desiccant dryer consumes no electric power for heating by using the heat from the high temperature exhaust of the air compressor to regenerate and activate the adsorbent saturated after adsorption. After regeneration, a part of the dry air can be used to blow the adsorbent cool as required to further improve its drying capacity.

HCR-L series low-temperature compression heating model is suitable for occasions requiring a dew point lower than -20°C (i.e. compressed air intake temperature is higher than 120°C), HCR-H series high-temperature compression heating model is suitable for occasions requiring a pressure dew point lower than -40°C (i.e. compressed air intake temperature is higher than 180°C); the dryer can achieve the optimal effect when the compressor discharge temperature is higher than 140°C (low-temperature model) or 200°C (high-temperature model) and cooling water temperature is lower than 28°C.

DPOS dew point controlled energy saving system can be additionally configured for HCR series dryer according to the customer's energy saving requirements, which can reduce the dual-tower switching times and prolong the operating cycle as much as possible according to actual air load, and thus extend the service life of adsorbent and other parts and further reduce the operation cost.

HCR series compression heating regenerative desiccant dryer can only be combined with oil-free lubrication air compressor, because the use of high-temperature oil-containing compressed air for adsorbent regeneration may results in contamination and failure of the adsorbent in the dryer and thus affect the performance of the dryer; furthermore, if oil accumulates for a long time under the high temperature during regeneration, it may also cause potential safety hazards.



Features:

Cooler

Unique single-process structure (for centrifugal compressor) / plate type structure design (for oil-free screw compressor), and cooler with carbon steel casing and 304 stainless steel heat exchange tube improves heat exchange effect by minimizing the air temperature at the inlet of the drying tower and reducing moisture content of the compressed air, extends the service life of the adsorbent, and ensures steady dew point performance.

Escape-proof structure

Stainless steel filter mesh is provided both at the bottom and on top of the drying tower to prevent the adsorbent from entering air piping of end users.

Drainage structure

Two-stage pneumatic and manual drain valve provides dual protection to ensure reliable operation of the drainage system.

Integrated structure easy to install & disassemble

Desiccant pipeline is connected with flange to facilitate maintenance and disassembly.

Airflow distribution structure

Airflow distribution structure is set at the bottom of the tower to ensure that the specified dew point temperature is reached during the compressed air-adsorbent contact time, and also reduce impact of air flow on adsorbent fore less wear and longer service life.

Opening structure

Feed and discharge opening is equipped for easy loading and unloading.

Reliable valve control structure

PLC is used to effectively prevent back pressure in the front-mounted air compressor.

Standard configurations

PLC and text display is configured to meet remote / local control requirements.

Technical Parameters:

Low-temperature models

- Working pressure range: 0.7~1.0Mpa
- Average air consumption: 3% (industry standard: 5-6%)
- Nominal pressure dew point: -20°C (optional -40°C)
- Inlet temperature: ≥120°C
- Oil content in inlet air: ≤0.01mg/m^3
- Cycle time: 6 hours (standard)
- Power supply: 220V/1PH/50Hz
- Pressure drop: 7% of operating pressure
- Control mode: automatic control

High-temperature models

- Working pressure range: 0.7~1.0Mpa
- Average air consumption: 3% (industry standard: 5-6%)
- Nominal pressure dew point: -40°C
- Inlet temperature: ≥180°C
- Oil content in inlet air: ≤0.01mg/m^3
- Cycle time: 6 hours (standard)
- Power supply: 220V/1PH/50Hz
- Pressure drop: 7% of operating pressure
- Control mode: automatic control

HCR-H series high-temperature compression heat dryer

Model	Nominal volume flow	Power supply	Rated power	Max. cooling water volume	Connection size	Dimensions			Weight
HCR	m^3/min	V/P/hz	kW	t/h	mm	Length (mm)	Width (mm)	Height (mm)	kg
HCR6H	6.0	220V/1P/50	0.2	6.1	DN50	2025	1059	2015	1100
HCR8H	7.6	220V/1P/50	0.2	8.2	DN50	2025	1059	2015	1150
HCR10H	9.6	220V/1P/50	0.2	10.2	DN50	2107	1056	2289	1525
HCR12H	12.5	220V/1P/50	0.2	12.2	DN50	2107	1056	2289	1575
HCR15H	15.9	220V/1P/50	0.2	15.3	DN50	2107	1056	2289	1650
HCR20H	19.4	220V/1P/50	0.2	20.4	DN65	2727	1220	2623	2175
HCR22H	22.8	220V/1P/50	0.2	22.4	DN65	2727	1220	2623	2225
HCR25H	25.9	220V/1P/50	0.2	25.5	DN65	2727	1220	2623	2300
HCR35H	35.0	220V/1P/50	0.2	35.7	DN80	2823	1350	2661	2750
HCR45H	45.2	220V/1P/50	0.2	45.9	DN100	2932	1500	2661	3250

HCR-L series low-temperature compression heat dryer

Model	Nominal volume flow	Power supply	Rated power	Max. cooling water volume	Connection size	Dimensions			Weight
HCR	m^3/min	V/Ph/hz	kW	t/h	mm	Length (mm)	Width (mm)	Height (mm)	kg
HCR40L	40.00	220/1/50	0.2	45.9	DN100	2932	1500	2677	3250
HCR60L	60.00	220/1/50	0.2	61.2	DN100	3008	1500	2680	3800
HCR90L	90.00	220/1/50	0.2	31	DN150	4025	2044	2989	5900
HCR120L	120.00	220/1/50	1.0	42	DN150	4025	2044	2989	7700
HCR150L	150.00	220/1/50	1.0	52	DN200	4720	2470	2905	8800
HCR180L	180.00	220/1/50	1.0	62.5	DN200	4920	2640	3025	10200
HCR200L	200.00	220/1/50	0.2	69	DN200	4920	2640	3025	11500
HCR250L	250.00	220/1/50	1.0	86	DN200	5420	2866	3135	13800
HCR300L	300.00	220/1/50	1.0	104	DN250	5800	3083	3399	16850
HCR350L	350.00	220/1/50	1.0	121	DN250	5800	3083	3400	17400
HCR400L	400.00	220/1/50	1.0	138	DN300	6000	3410	3822	18900

Note: All dryer air inlets are connected with HG20593/97 compliant flange.
Dimensions and Air connection is based on outline drawings.

R Series High Efficiency Refrigerated Dryer

D-INRi Series
Refrigerated Dryer

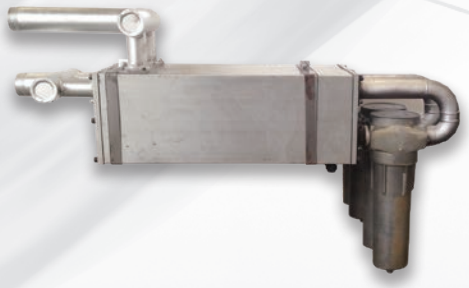
Ingersoll Rand D-INRi series refrigerated dryer aims to provide our customers with cleaner dry air beyond their expectations, and always bring them the highest efficiency, lowest emissions, established technology and extreme reliability.

Refrigeration system upgraded to be safe and reliable

- Standard configuration meets ISO 8573 Grade 5 dew point setting, and enlarges the highest temperature range under working conditions.
- Multiple protections, including refrigerant high/low pressure protection, current overload protection, refrigerant gas-liquid separator, refrigerator dryer filter, ensures safe operation of the system.
- Environment-friendly refrigerant is stable and non-toxic, and has high refrigeration / heating efficiency for better performance of the dryer.
- Counter flow heat exchange design extends the service life of the unit, saves energy and protects the environment.

New heat exchange design for a leap in performance

- In response to upgraded working conditions, the three-chamber design is adopted to completely isolate cold and hot air chambers for minimized cooling loss during operation.
- Hot air bypass valve with accurate pressure control effectively prevents ice jam and leakage, and ensures that the unit operates more efficiently.
- Detachable evaporator is easy to maintain at a lower cost.



Safe and convenient intelligent control system

- 5 operating states are indicated on the intuitive operator's panel, including operation, delay, remote, overload protection and refrigerant fault indication.
- Operating effect of the dryer can be directly observed through dew point temperature display.
- Emergency stop switch is provided as standard to guarantee safety of the system.
- Simple flow chart makes it easy to grasp the working principle of the refrigerated dryer.

D-INRi Series Refrigerated Dryer

Model	Capacity		Voltage	Voltage range	Connection size		Dimensions			Weight
	m^3/min	m^3/hr	V/Ph/hz				Length (mm)	Width (mm)	Height (mm)	kg
Air-cooled										
D216INRi-A	3.6	216	220/1/50	10%	1.5″	BSPT	620	480	720	72
D294INRi-A	4.9	294	220/1/50	10%	1.5″	BSPT	700	520	850	102
D342INRi-A	5.7	342	220/1/50	10%	1.5″	BSPT	700	520	850	102
D390INRi-A	6.5	390	220/1/50	10%	1.5″	BSPT	700	520	850	133
D444INRi-A	7.4	444	220/1/50	10%	1.5″	BSPT	700	520	850	135
D540INRi-A	9	540	220/1/50	10%	1.5″	BSPT	854	614	960	177
D690INRi-A	11.5	690	220/1/50	10%	2″	BSPT	950	600	1200	207
D810INRi-A	13.5	810	220/1/50	10%	2″	BSPT	950	600	1200	246
D990INRi-A	16.5	990	380/3/50	10%	2.5″	BSPT	1160	650	1300	273
D1050INRi-A	17.5	1050	380/3/50	10%	2.5″	BSPT	1160	650	1300	298
D1170INRi-A	19.5	1170	380/3/50	10%	2.5″	BSPT	1160	650	1300	365
D1380INRi-A	23	1380	380/3/50	10%	3″	BSPT	1260	760	1400	425
D1590INRi-A	26.5	1590	380/3/50	10%	3″	BSPT	1260	760	1400	492
D1740INRi-A	29	1740	380/3/50	10%	3″	BSPT	1320	800	1400	498
D2100INRi-A	35	2100	380/3/50	10%	3″	BSPT	1320	800	1400	540
D2340INRi-A	39	2340	380/3/50	10%	4″	FLG	1320	1040	1800	613
D2700INRi-A	45	2700	380/3/50	10%	4″	FLG	1320	1040	1800	659
D3090INRi-A	51.5	3090	380/3/50	10%	4″	FLG	1320	1040	1800	726
D3480INRi-A	58	3480	380/3/50	10%	5″	FLG	1600	1280	1900	829
D4080INRi-A	68	4080	380/3/50	10%	5″	FLG	1600	1280	1900	915
D4200INRi-A	70	4200	380/3/50	10%	5″	FLG	1600	1280	1900	940
D4560INRi-A	76	4560	380/3/50	10%	6″	FLG	1860	1350	1900	1100
D4800INRi-A	80	4800	380/3/50	10%	6″	FLG	1860	1350	1900	1233
D5520INRi-A	92	5520	380/3/50	10%	6″	FLG	1900	1320	2360	1445
D5940INRi-A	99	5940	380/3/50	10%	6″	FLG	1900	1320	2360	1496
D7680INRi-A	128	7680	380/3/50	10%	6″	FLG	1960	1700	2360	1800
D8700INRi-A	145	8700	380/3/50	10%	8″	FLG	2200	1860	2360	2100
Water-cooled										
D690INRi-W	11.5	690	220/1/50	10%	2″	BSPT	1000	600	1120	207
D810INRi-W	13.5	810	220/1/50	10%	2″	BSPT	1000	600	1120	255
D990INRi-W	16.5	990	380/3/50	10%	2.5″	BSPT	1120	660	1220	288
D1050INRi-W	17.5	1050	380/3/50	10%	2.5″	BSPT	1120	660	1220	297
D1170INRi-W	19.5	1170	380/3/50	10%	2.5″	BSPT	1120	660	1220	376
D1380INRi-W	23	1380	380/3/50	10%	3″	BSPT	1180	700	1260	442
D1590INRi-W	26.5	1590	380/3/50	10%	3″	BSPT	1180	700	1260	502
D1740INRi-W	29	1740	380/3/50	10%	3″	BSPT	1260	760	1320	505
D2100INRi-W	35	2100	380/3/50	10%	3″	BSPT	1260	760	1320	572
D2340INRi-W	39	2340	380/3/50	10%	4″	FLG	1380	1040	1670	648
D2700INRi-W	45	2700	380/3/50	10%	4″	FLG	1380	1040	1670	696
D3090INRi-W	51.5	3090	380/3/50	10%	4″	FLG	1380	1040	1670	762
D3480INRi-W	58	3480	380/3/50	10%	5″	FLG	1560	1110	1720	875
D4080INRi-W	68	4080	380/3/50	10%	5″	FLG	1560	1110	1720	977
D4200INRi-W	70	4200	380/3/50	10%	5″	FLG	1560	1110	1720	992
D4560INRi-W	76	4560	380/3/50	10%	6″	FLG	1600	1160	1750	1188
D4800INRi-W	80	4800	380/3/50	10%	6″	FLG	1600	1160	1750	1276
D5520INRi-W	92	5520	380/3/50	10%	6″	FLG	1600	1160	1750	1432
D5940INRi-W	99	5940	380/3/50	10%	6″	FLG	1600	1160	1750	1467
D7680INRi-W	128	7680	380/3/50	10%	6″	FLG	1900	1160	1750	1855
D8700INRi-W	145	8700	380/3/50	10%	8″	FLG	1900	1660	1750	2180

Note: 1) Dew point conforms to ISO 8573-1 Grade 5.
2) Performance parameters: ambient temperature: 30°C, cooling water temperature: 30°C, inlet temperature: 40°C, working pressure: 7 barg.

Ingersoll Rand Inc. (NYSE:IR), driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our portfolio of products consists of air compressors, pumps, blowers, and systems for fluid management, loading and material handling as well as power tools. With over 17,000 employees globally, our team develops customers for life through their daily commitment to expertise, productivity and efficiency. For more information, visit www.IRCO.com.

Contact Ingersoll Rand

Add.: F11, L'Avenue, 99 Xianxia Road, Shanghai
Tel.:021-22216000
Website: www.IngersollRand.com

24-hour Toll Free National Hotline:

800 820 2128
400 820 2128

SN: Completes-94-2212-EN