

JRD-I Series

- Multi-function controller one touch ON/OFF, additional operating status, and alarm indicator.
- Eco-friendly HFCs. Reduce energy consumption also mitigating global warming damage.
- SUS304, corrosion resistance avoid pollution.
- Fully automatic loading control by pressure switch and hot gas by-pass valve.
- Epoxy treatment for aluminum fin surface. Extended lifetime.
- 2 in 1 compact heat exchanger and evaporator design. Low pressure drop.
- Reverse tube and fin heat exchanger design high efficiency and save space.
- External float auto drain, easy maintenance. With spare manual valve.



MODEL	JRD-15NP	JRD-25NP	JRD-40NP	JRD-50NP	JRD-60NP	JRD-75NP	JRD-100NP
CAPACITY (Nm ³ /min)	2.8	4.0	5.5	7.0	8.1	10.6	15.0
CONNECTION (inch)	1"PT	1"PT	1-1/2"PT	1-1/2"PT	1-1/2"PT	2"PT	2"PT
POWER SUPPLY	220V/1Ph					380V3Ph	
CONSUMPTION (kw) ±5%	0.70	1.06	1.58	1.58	1.58	3.5	3.5
REFRIGERANT	R134a			R410A			
DIMENSION (mm)	L 800 W 430 H 700	L 850 W 430 H 806	L 1150 W 530 H 866			L 1350 W 630 H 900	L 1500 W 630 H 900
NET WEIGHT (kg)	63	74	111	114	118	178	186
DESIGN CONDITIONS	<ul style="list-style-type: none"> ⦿ Capacity: @20°C 1bar(a) ⦿ Inlet temperature: 50°C ⦿ Working pressure: 7 barg 			<ul style="list-style-type: none"> ⦿ Pressure dew point: 10°C ⦿ Pressure drop: <0.25 bar ⦿ Ambient temperature: 38°C 			
OPERATING SCOPE	<ul style="list-style-type: none"> ⦿ Ambient temperature: +2~+50°C ⦿ Max. inlet temperature: 70°C ⦿ Operating pressure: 4~10barg 						

⦿ Customize products available

Correction Factors

Operating Pressure (barg)	4	5	6	7	8	9	10
Fp: Factors	0.80	0.88	0.94	1.00	1.04	1.06	1.09
Air inlet temp. (°C)	50	55	60	65	70		
Fti: Factors	1.00	0.95	0.85	0.72	0.58		
Ambient temp. (°C)	30	38	40	45	50		
Fta: Factors	1.10	1.00	0.90	0.79	0.63		
Pressure dew point (°C)	3	5	7	10	15		
Ftd: Factors	0.7	0.85	0.91	1.00	1.2		

Capacity

= Fp × Fti × Fta × Ftd

Products design and specification are subject to change at any time without prior notice.