

JRD-S Series

- High thermal performance plate type heat exchangers.
- SUS304, corrosion resistance longer life.
- Eco-friendly HFCs. Reduce energy consumption also mitigating global warming damage.
- 3 in1 Heat exchanger, evaporator and moisture separator, low pressure drop.
- Fully automatic loading control by pressure switch and hot gas by-pass valve.
- External float auto drain, easy maintenance and service.



MODEL	JRD-05NP	JRD-08NP	JRD-10NP
CAPACITY (Nm ³ /min)	0.8	1.2	1.6
CONNECTION (inch)	1/2" PT	1/2" PT	3/4" PT
POWER SUPPLY	220V/1Ph	220V/1Ph	220V/1Ph
CONSUMPTION (kw) ±5%	0.35	0.35	0.43
REFRIGERANT	R134a	R134a	R134a
DIMENSION (mm)	L 420 W 320 H 525	L 420 W 320 H 525	L 420 W 380 H 560
NET WEIGHT (kg)	24	25	32
DESIGN CONDITIONS	<ul style="list-style-type: none"> ⊙ Capacity: @20°C 1bar(a) ⊙ Inlet temperature: 50°C ⊙ Working pressure: 7 barg 		
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.