

RD

Series

Process

The Perfect Solutions
for Your Application

lot vacuum
Leader Of Technology Vacuum

RD1801

MAIN SWITCH

FEATURES

Low Power Consumption

- Optimized compression ratio design
- Equipped with super premium efficiency motor (IE4)

Wide Range Temperature Capability

- Optimized thermal control design
- Unified pump platform (65~130°C)

High Throughput Performance

- Equipped with multi-stage booster
- Stage-optimized compression ratios

lot vacuum
Leader Of Technology Vacuum

RD1803HF

MAIN SWITCH



lot vacuum
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RD3003HF

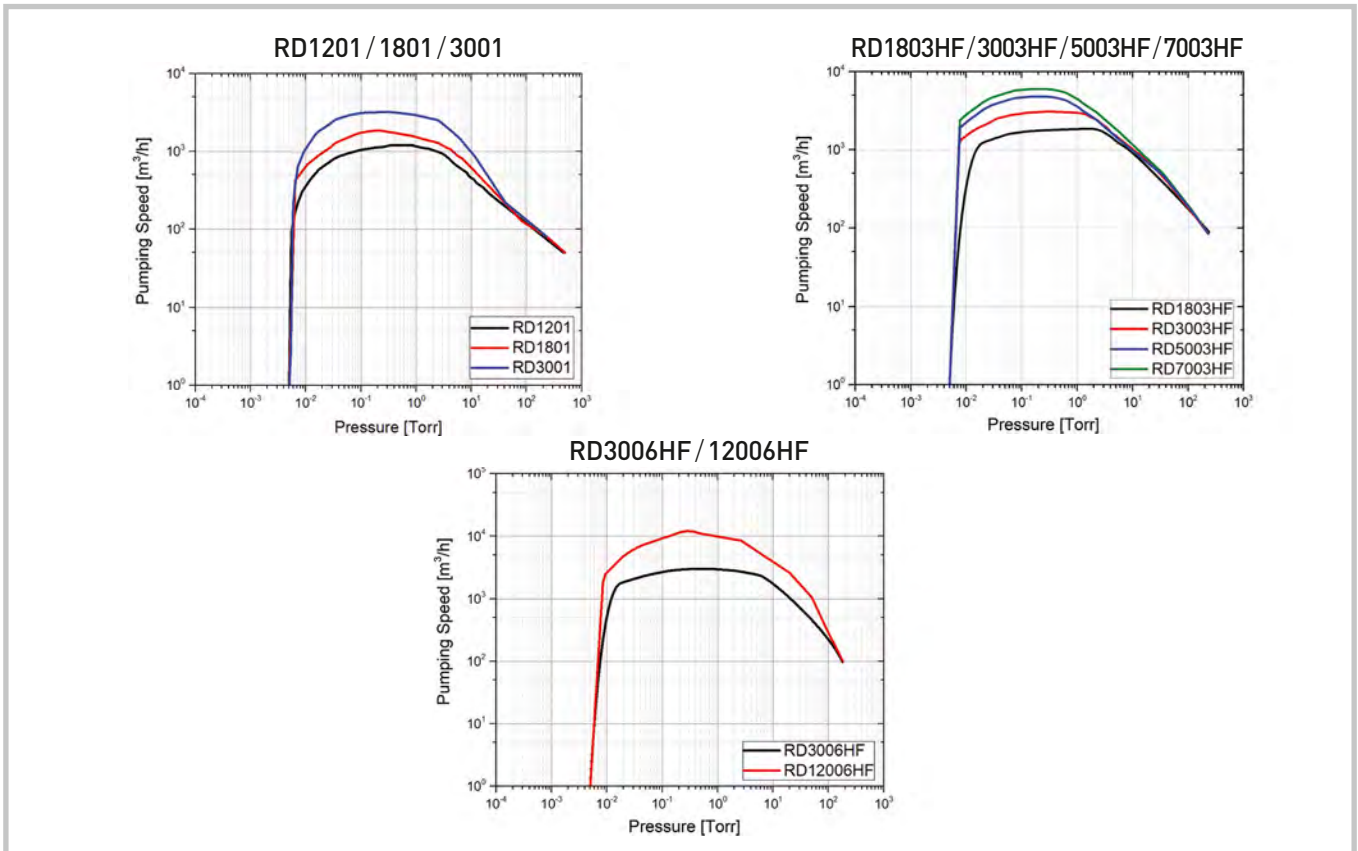
MAIN SWITCH



RD Series (Process)



MODEL | **RD1201 / RD1801 / RD3001HF / RD1803HF / RD3003HF / RD5003HF / RD7003HF / RD3006HF / RD12006HF**



TECHNICAL DATA

	Unit	RD 1201	RD 1801	RD 3001HF	RD 1803HF	RD 3003HF	RD 5003HF	RD 7003HF	RD 3006HF	RD 12006HF
Pumping speed	m³/hr	1,200	1,800	3,000	1,800	3,000	4,800	6,000	3,000	9,000~12,000
	ℓ/min	20,000	30,000	50,000	30,000	50,000	80,000	100,000	50,000	150,000 ~200,000
Ultimate pressure with module purge	Torr	< 5.0×10 ⁻³								
Nitrogen consumption	slm	50			50, 100				100	
Cooling water consumption	ℓ/min	3 ~ 11			7 ~ 12					
Intake port	mm	DN 100 ISO-K	DN 160 ISO-K	DN 250 ISO-K	DN 160 ISO-K	DN 250 ISO-K				DN 320 ISO-K
Exhaust port	mm	DN 40 KF								
Dimension (W×L×H)	mm³	274×700×800	375×765×778	517×1,052×960	450×980×930	520×1,120×965	610×1,230×910	610×1,420×1,040	520×1,220×967	740×1,500×1,101
Weight	kg(lbs)	230	300	500	470	730	1,200	1,330	930	1,600
Power consumption at ultimate pressure	kW	1	2	2.3	3.9	4.4	5	5.7	6	7
Rated motor power (DP+BP)	kW	6	7	10	9	12	16	16	17	25
Supply voltage-Multi-Voltage motor	V/Ø/Hz	220(±10%), 3, 50/60						440(±10%), 3, 50/60	220(±10%), 3, 50/60	

※ Option can be set, power consumption → average

※ Ultimate pressure with module purge - based on normal concept, varies by each temperature concept

※ Pumping speed - based on normal concept, varies by each temperature concept