

marstair

DRC(+) ducted condensing units



PARTICULARLY SUITED TO VISUALLY SENSITIVE APPLICATIONS OR WHERE LOCAL PLANNING REGULATIONS EXCLUDE EQUIPMENT MOUNTED ON THE OUTSIDE OF BUILDINGS

These DRC(+) units are fitted with centrifugal fans and are designed for siting indoor with air being ducted into and out of the building.

THE NEW DRC(+) CONDENSING UNIT RANGE COMES IN SIX DIFFERENT SIZES:-

DRC(+) 20, 30, 40, 50, 60 & 80



SPECIFICATION DRC

- 1.4 - 4.7kW nominal cooling duty
- Designed for ducted indoor applications
- Reciprocating compressors
- Suction and liquid service valves
- Fan speed head pressure control
- Crankcase Heater
- LP switch (auto) & HP switch (auto)
- 3 minute delay timer
- Ease of access for installation and service
- Random start timer
- Low ambient start timer
- Liquid receiver
- Noise attenuation insulation

ADDITIONAL SPEC DRC+

- Capacitor start relay (20, 30 & 40. 1Ph Only)
- Sight Glass
- Refrigeration Drier
- Isolator

OPTIONAL EQUIPMENT

- Grille Kit
- Ducting Kits
- Duct transition piece
- Wall mounting kit

Technical Information

DRC+ (Based on R404A)

MODEL	Ambient Temp	EVAPORATING TEMPERATURE °C					
		-15		-10		-5	
		COOLING CAPACITY AND POWER INPUT kW					
		Cap.	Power	Cap.	Power	Cap.	Power
DRC+ 20	27	1.23	0.85	1.59	0.93	2.00	1.01
	32	1.09	0.85	1.43	0.94	1.80	1.03
	40	0.90	0.85	1.27	0.96	1.49	1.07
DRC+ 30	27	1.84	1.09	2.27	1.19	2.75	1.29
	32	1.64	1.09	2.04	1.20	2.48	1.31
	40	1.35	1.09	1.82	1.23	2.06	1.37
DRC+ 40	27	2.66	1.64	3.24	1.74	3.89	1.85
	32	2.40	1.66	2.94	1.77	3.52	1.91
	40	1.98	1.68	2.44	1.84	2.92	2.01
DRC+ 50	27	2.86	1.84	3.60	1.95	4.47	2.08
	32	2.58	1.86	3.27	1.99	4.05	2.15
	40	2.13	1.88	2.71	2.06	3.36	2.26
DRC+ 60	27	3.43	2.07	4.33	2.18	5.37	2.31
	32	3.10	2.09	3.92	2.22	4.86	2.38
	40	2.56	2.11	3.25	2.29	4.03	2.49
DRC+ 80	27	4.15	2.44	5.23	2.55	6.48	2.68
	32	3.75	2.46	4.74	2.59	5.87	2.75
	40	3.09	2.48	3.93	2.66	4.87	2.86

Dimensions and Weights - Unpacked Units

	MODEL					
	DRC(+) 20	DRC(+) 30	DRC(+) 40	DRC(+) 50	DRC(+) 60	DRC(+) 80
HEIGHT mm	560	560	560	625	625	625
WIDTH mm	930	930	930	1100	1100	1100
DEPTH mm	530	530	530	530	530	530
WEIGHT kg	70	70	72	81	81	84
SPIGOT DIA mm	354	354	354	404	404	404

Sound Levels

Sound pressure levels (SPL) at 3m distance in free field conditions @ maximum fan speed

	MODEL					
	DRC(+) 20	DRC(+) 30	DRC(+) 40	DRC(+) 50	DRC(+) 60	DRC(+) 80
dBA	52	52	52	54	54	54
NR	46	46	46	48	48	48



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For full design information, reference should be made to the technical manual.
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Process/Material Cooling • Close Control • Refrigeration