

Water cooled centrifugal chiller, high efficiency, standard sound

DWDC/DWSC



R-134a



Inverter



Centrifugal compressor

- › Lower equipment, installation and annual operating costs than two single compressor chillers (DWDC)
- › Main components can be removed or repaired without shutting down the unit as the chiller has two of everything (compressors, lubrication systems, control systems and starters) (DWDC)
- › Unloading to 5%(DWSC) or 10%(DWDC) of full load provides improved stability of the chilled water temperature and less harmful cycling of compressors
- › High efficiency flooded type shell and tube evaporator/condensers
- › Single stage centrifugal compressor (DWSC)

DWDC/DWSC



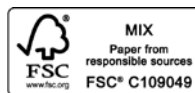
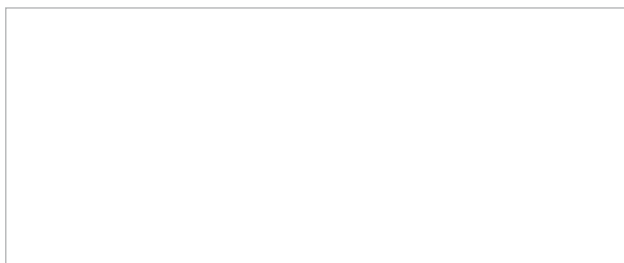
DWDC/DWSC

MicroTech II

Cooling only		DWDC/DWSC	DWDC	DWSC
Cooling capacity	Min.	kW	600	300
	Max.	kW	9,000	4,500
Compressor	Type	Single stage centrifugal compressor		
Refrigerant	Type / GWP	R-134a / 1,430		
	Charge	kg	700 - 1,400	300 - 1,000
	Charge	TCO ₂ Eq	1,001 - 2,002	429 - 1,430

(1) Equipment contains fluorinated greenhouse gases. Actual refrigerant charge depends on the final unit construction, details can be found on the unit labels.
 (2) Cooling: entering evaporator water temp. 12°C; leaving evaporator water temp. 7°C; ambient air temp. 35°C; full load operation.

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