

Ceiling Recessed,  
High Static, Large Air Volume Model  
4-Row Cooling/Heating

**TCRH-[1000  
1200  
1600  
2000]-2HW-4R-DRC**

**-Z/P/PW/PC**

**TCRH-[1000  
1200  
1600  
2000]-2HW-4R-DRE**

**-Z/P/PW/PC**



**220V**

## Specification

Unit Size		1000	1200	1600	2000
Air Volume l/s	H	627	663	893	1079
	M	572	637	844	1041
	L	491	582	770	944
Cooling Capacity KW	SH	7.6	8.1	10.9	13.5
	TH	11.2	10.9	15.2	20.1
Heating Capacity KW		20.6	22.0	29.2	37.1
Water Flow l/s		0.54	0.53	0.73	0.97
W.P.D. kPa		23	5	9	19
Input Power W		396	409	571	677
Running Current A		1.82	1.89	2.64	3.12
Noise dB(A)	H	56.0	57.0	58.5	59.0
	M	54.5	56.5	57.5	58.0
	L	52.5	55.0	55.5	55.0
Weight kg (without plenum)		40	46	60	72
Weight kg (with plenum)		44	52	68	82
Holding Water Volume L		3.1	3.9	4.5	5.7
Casing		Galvanized Steel			
Fan		Galvanized sheet fabricated, Forward-Curved DIDW Fan			
Motor		3-Speed, PSC with Capacitor Cap and Flexible Conduit			
Power Source		AC220V, 50Hz, Single Phase			
Coil		Slit Surfaced, Aluminum Finned Coil complete with Female Sockets at Inlet/Outlet Conn. And Air Vent			
Operating Pressure		Max 1700kPa (250psig) unless otherwise specified			
Drain Pan		Stainless Steel, SUS430			

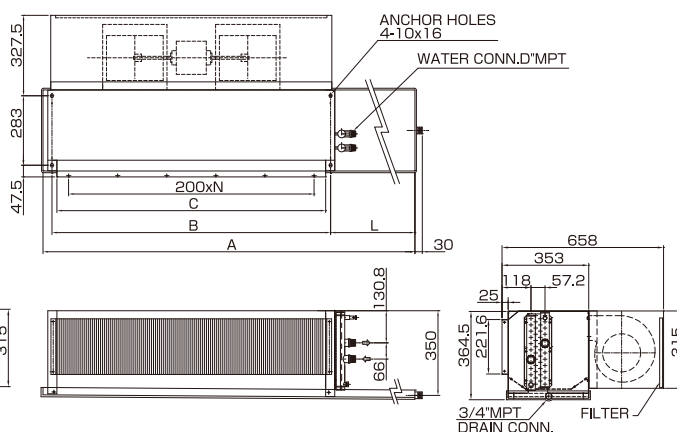
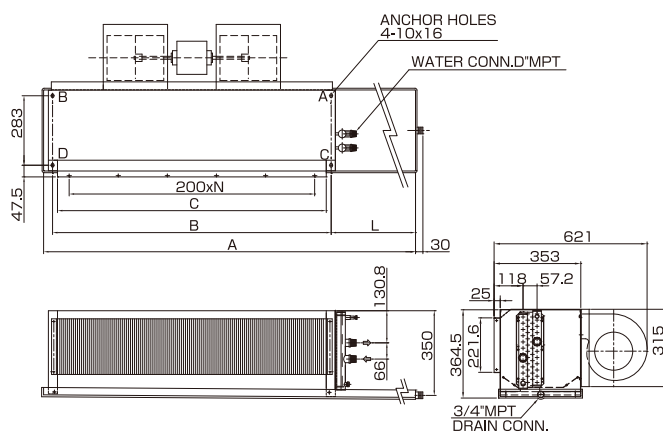
Note:

- Cooling capacity is based on DB24°C, WB17.8°C, EWT7°C, LWT12°C.
- Heating capacity is based on DB20°C, EWT60, same water flow as cooling.
- Cooling/Heating Capacity, Input Power, Running Current are based on H speed.
- Noise is measured at an anechoic chamber, 1m from the unit surface.
- Running current may change according to the conditions.
- Air volume is based on ESP 100Pa, without plenum and filter.

## Dimensions

Without Plenum **TCRH-2HW-4R-DRC-Z** **TCRH-2HW-4R-DRE-Z**  
**TCRH-2HW-4R-DRC15-Z** **TCRH-2HW-4R-DRE15-Z**

With Plenum **TCRH-2HW-4R-DRC-P/PW/PC** **TCRH-2HW-4R-DRE-P/PW/PC**  
**TCRH-2HW-4R-DRC15-P/PW/PC** **TCRH-2HW-4R-DRE15-P/PW/PC**



Unit Size	-Z/P/PW/PE/PC		15-Z/P/PW/PE/PC		B	C	N	D	NO. OF FAN	NO. OF MOTOR
	A	L	A	L						
TCRH-1000-2HW-4R-DRC(E)	1050	122	1200	272	885	847	4	1	2	1
TCRH-1200-2HW-4R-DRC(E)	1335	157	1485	307	1135	1097	5	1	2	1
TCRH-1600-2HW-4R-DRC(E)	1505	122	1655	272	1340	1302	6	1	3	2
TCRH-2000-2HW-4R-DRC(E)	1935	122	2085	272	1770	1732	7	1-1/4	4	2

Note:

- Right hand unit is shown.
- Furnish access door to service fan motor.
- Wiring works between motor and switch, and unit to power source by contractors.
- Unit shall be mounted horizontally.
- To prevent condensation, fan interlock valve shall be furnished so that water supply will be stopped when fan is off.