

Ceiling Recessed,
High Static, Large Air Volume Model
3-Row Cooling, 1-Row Heating

TCRH-4HW-DC2-DRC
-Z/P/PW/PC

TCRH-4HW-DC2-DRE
-Z/P/PW/PE



240V

Specification

Unit Size		600	1000	1200	1600	2000
Air Volume l/s	H	402	639	678	911	1074
	M	381	608	665	876	1048
	L	349	560	624	823	986
Cooling Capacity KW	SH	3.8	6.1	7.1	9.4	11.7
	TH	4.6	7.7	9.3	12.5	16.2
Heating Capacity KW		4.3	6.5	7.7	10.0	12.6
Water Flow l/s		0.23	0.37	0.45	0.6	0.78
W.P.D. kPa		3	9	16	32	65
Input Power W		281	427	445	626	768
Running Current A		1.16	1.82	1.91	2.64	3.30
Noise dB(A)	H	57.0	56.5	57.5	59.0	59.0
	M	56.0	55.5	57.0	58.0	58.0
	L	55.0	54.5	56.0	57.0	56.5
Weight kg (without plenum)		35	40	46	60	72
Weight kg (with plenum)		37	44	52	68	82
Holding Water Volume L		2.6	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		AC240V, 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				

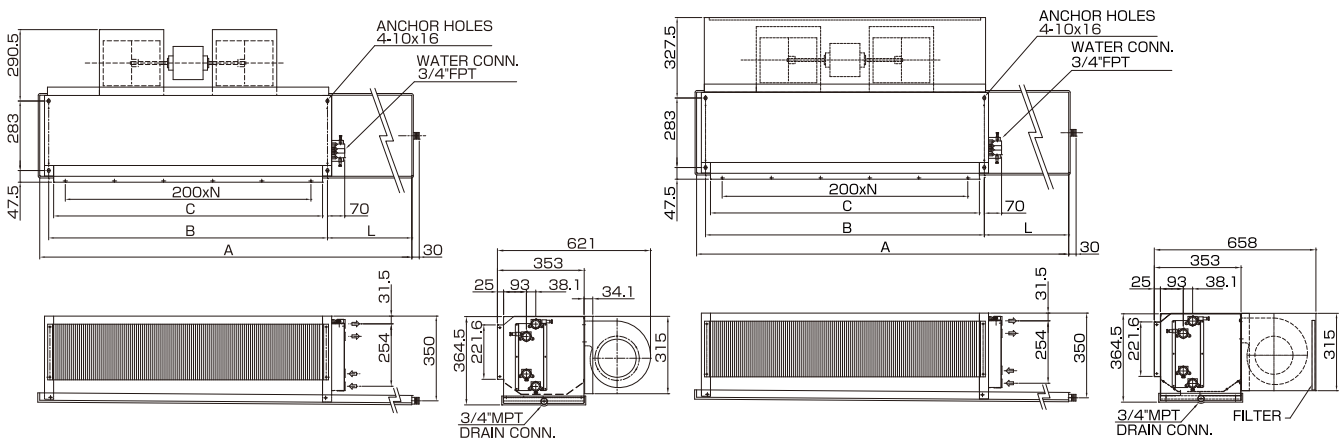
Note:

- Cooling capacity is based on DB24°C, WB17.8°C, EWT7°C, LWT12°C.
- Heating capacity is based on DB20°C, EWT60, 20% of the water flow during 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.

Dimensions

Without Plenum **TCRH-4HW-DC2-DRC-Z** **TCRH-4HW-DC2-DRE-Z**
TCRH-4HW-DC2-DRC15-Z **TCRH-4HW-DC2-DRE15-Z**

With Plenum **TCRH-4HW-DC2-DRC-P/PW/PC** **TCRH-4HW-DC2-DRE-P/PW/PC**
TCRH-4HW-DC2-DRC15-P/PW/PC **TCRH-4HW-DC2-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- 600-4HW-DC2-DRC(E)	906	191.4	1056	131.4	690	652	3	1	1	1
TCRH-1000-4HW-DC2-DRC(E)	1050	122	1200	272	885	847	4	1	2	1
TCRH-1200-4HW-DC2-DRC(E)	1335	157	1485	307	1135	1097	5	1	2	1
TCRH-1600-4HW-DC2-DRC(E)	1505	122	1655	272	1340	1302	6	1	3	2
TCRH-2000-4HW-DC2-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.