

Water-Cooled Condensing Units

Water leaving the condenser should not exceed 95°F. This prevents mineral deposits and early condenser replacement. For normal operation, the water valve must be set to maintain a head pressure no higher than 265 PSIG. If the supply water pressure is above 80 PSIG a pressure reducer must be installed ahead of the condenser for the water valve to function properly. Installation with water towers or evaporative coolers and closed loop systems should have bleed valves and sediment traps to prevent fouling the condenser with suspended matter. Do not connect water-cooled condensers to potable or city water. All pumps, unions, shut off valves and other plumbing fittings are field supplied. Check all applicable local codes for proper and safe plumbing piping and connection. All water-cooled condensers are indoor units. Do not install where freezing temperatures may occur. All condensers have a 3/8" NPT water valve inlet fitting and a 3/8" minimum supply pipe size.

Model	Condenser	Length in inches	Width in inches	Height in inches	Liquid Line Fitting	Suction Line Fitting	Line Set Size	Wt.	Power Supply	Water Usage GPM	Cond. Coil Pressure Drop PSIG	Min Circuit Amps	Max. Fuse
WCC 3800	AKA9457 EXDXW	25	20	15	1/4 MF	1/2 MF	1/4 x 1/2	97	208-230/60/1	1	.85	5.4	15
WCC 5700	AKA9479 EXDXW	25	20	15	1/4 MF	1/2 MF	1/4 x 1/2	112	208-230/60/1	1.5	1.5	6.9	15
WCC 8800	AWG4520 EXNXW	27	20	19.75	1/4 MF	1/2 MF	3/8 x 1/2	124	208-230/60/1	2.9	5.7	8.6	20

Field supplied reducers required. **You must install a line set according to Table 1. Never** install a line set larger in diameter than the condenser fitting size. **Minimum of 12" clearance required on each side of unit.**

All performance data based on 90°F condenser ambient, 65°F return gas, 75°F condenser inlet water and 210 PSIG head pressure.

UNIT LISTINGS

Tecumseh condensing units are UL Listed #SA2372

All ductless split wall mount evaporators are ETL Listed #9900387 and conform to UL STD 1995 and Certified to CAN/CSA STD C22.2 No. 236

All Heatcraft ductless split ceiling mount evaporators are UL Listed #SA1525 648L and conform to ANSI/NSF7

All air handlers are ETL and conform to ANSI/UL-1995 and are certified to CAN/CSA C22.2 No.236.

All outdoor covers are UL listed #2L13