



# HALCO PRODUCTS COMPANY

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HCL-8.4WOP  
11/9/11

## COOL MAX

### 76000 SERIES WATER COOLED REFRIGERATED RECIRCULATOR SPECIFICATIONS WITH CENTRIFUGAL OR TURBINE PUMP

SPECIFICATION	Model	Model	Model	Model
	76313W	76313TW	76413W	76413TW
Temperature Range	+5° to +35°C	+5° to +35°C	+5° to +35°C	+5° to +35°C
Temperature Uniformity	+/- 0.5°C	+/- 0.5°C	+/- 0.5°C	+/- 0.5°C
Temperature Setability	0.1°C	0.1°C	0.1°C	0.1°C
Compressor	2 HP	2 HP	3 HP	3 HP
Cooling Capacity (Watts/ BTU)**				
20°C	7000/ 23,870	7000/ 23,870	10,500/ 35,805	10,500/ 35,805
10°C	5800/ 19,778	5800/ 19,778	8500/ 28,985	8500/ 28,985
5°C	4300/ 14,663	4300/ 14,663	7000/ 23,870	7000/ 23,870
Pump Type	Centrifugal	Turbine	Centrifugal	Turbine
Standard Pump Flow (GPM/LPM)	12/ 45.1	6/ 26.4	12/ 45.1	11/ 48.5
Standard Pump Pressure PSI/Bar	20.5(1.41)	20-100 PSI	20.5(1.41)	20-100 PSI
Reservoir Capacity (Gal/Liters)	7/26.5	7/26.5	7/26.5	7/26.5
Inlet/Outlet Fitting Size (Female)	3/4 in. NPT	3/4 in. NPT	3/4 in. NPT	3/4 in. NPT
Electrical				
208/230/1/60Hz				
200/240/1/50Hz				
220/240/3/50Hz				
208/230/3/60Hz				
208/230/3/50Hz				
380/420/3/50Hz				
460/3/60Hz				
Dimensions (in.) L x W x H	30.5x37x42	30.5x37x42	30.5x37x42	30.5x37x42
Dimensions (centimeters)	78x94x107	78x94x107	78x94x107	78x94x107
Shipping Weight (lbs / kg)	570/ 259	570/ 259	580/ 236	580/ 236

\*\* At ambient of 20°C/ 68°F Derate 17% for 50 Hz

### GENERAL SPECIFICATIONS FOR ALL MODELS

Microprocessor Controller:	Refrigerant – CFC Free R-134a
Dual LED Digital Read & Set:	1 Piece Molded Reservoir
Readout °C or °F and Pressure/Flow	Built-in Casters for Portability
Adjustable PID Tuning:	Specifications based on 20°C Ambient
Internal Adjustable Pressure Gauge & Filter:	** For 50 Hz Models Derate 60 Hz Cooling Capacity by 20%
Reduced Noise Technologies	