

PLXPMT1901



WATER COOLED PACKAGED



Free-Blow Air Conditioning Systems

Optional Plenum is available for models UCQ090 to UCQ180, for free blow application.

Anti-corrosion Unit Casing

The unit is constructed of electro-galvanised steel body with epoxy powder coating. Hence, the unit is suitable for both commercial and industrial application.

High Efficiency Hermetic Scroll Compressor

Incorporating with Hermetic scroll compressor from Danfoss and Copeland, contributing quiet operation and high efficiency performance.

R410A The Ozone-Friendly Refrigerant.

R410A refrigerant has no chlorine content which do not contribute to the depletion of the ozone layer.

Excellent Thermal Barrier

All the frameworks come with 1 inch double skin PU insulation panel to create a thermal barrier between the internal and external of the unit.

Daikin UCQ Water Cooled Package Series is the ultimate solution addressing the simplicity, energy efficiency, reliability, indoor air quality and economically concerns for Commercial, Industrial and Institutional buildings.

These models offer simple system design, ease of operation and maintenance, low noise level and economical life cycle cost.

Every model is lab tested in accordance with ASHRAE Standard 22, in the ETL certified test lab, as Daikin's commitment to provide high quality products to the customers. All models are factory assembled, leak tested, pre-charged with R410A refrigerant.



Service Features and Benefits

Better filtration system

Rather than using conventional saranet filter, Daikin double skin water cooled package is equipt with G3 filter.

Flexible Drive Package

Daikin double skin water cooled package models use belt driven system, giving the possibility to carry out adjustment to the external static pressure and air flow should the needs arise

Model	Nominal Cooling Capacity (MBH)	Nominal Cooling Capacity (kW)	Nominal Power Input (kW)	Power Source (V/Ph/Hz)	Nominal Running Current (A)	EER (W/W)	Precharged R410A (kg)	Nominal water flow rate (m³/h)	Nominal air flow (CFM)	Water Pipe		Sound Pressure Level dB(A)	Unit Weight (kg)	Unit Dimension		
										Type	Size (inch)			Length (mm)	Width (mm)	Height (mm)
UCQ0060	57.7	16.9	4.55	380~415V/ 3Ph/ 50Hz	9.7	3.72	1X2	3.6	1800	BSP Female	1-1/4"	70	160	1068	570	1755
UCQ0090	87.2	25.6	6.94		14.4	3.68	1X2.8	5.0	2700			71	241	1410	570	1814
UCQ0140	132.5	38.8	10.41		21.9	3.73	1X5.1	8.1	4500			71	416	1486	765	2153
UCQ0180	173.9	51.0	13.35		26.8	3.82	1X6	10.8	5400			73	470	1486	765	2370
UCQ0240	231.9	68.0	18.16		35.7	3.74	1X13.3	13.6	7000		2-1/2"	67	558	1576	1176	1768
UCQ0280	284.7	83.4	19.95		41.8	4.18	1X14.3	15.9	8900		3"	68	657	1576	1176	1921
UCQ0320	314.0	92.0	25.78		47.9	3.57	2X9.4	18.7	11000		2-1/2"	70	728	1859	1282	1798
UCQ0360	356.9	104.6	29.91		62.4	3.50	2X9.5	20.4	11800			68	857	1859	1282	2204
UCQ0400	400.5	117.4	33.1		68.4	3.54	3X6	24.4	12800			79	1201	2691	1584	1907
UCQ0520	518.9	152.1	43.6		83.0	3.49	3X7	30.6	14500			80	1269	2691	1584	1907
UCQ0570	568.3	166.5	44.0		83.0	3.79	2X17	33.5	15500			77	1300	2691	1584	2112
UCQ0710	700.7	205.4	57.6		103.7	3.57	3X9.4	40.9	21300			56	1608	3281	1584	1927
UCQ0870	862.2	252.7	70.8		135.0	3.57	3X11.5	49.9	26700			80	1971	3281	1584	2118
UCQ0940	931.4	273.0	76.1		141.6	3.59	4X9.4	54.5	28400			84	2145	3391	1584	2133

Note:

1. All specification are subjected to change by the manufacturer without prior notice.
2. Nominal cooling capacity are based on condition below:

Indoor Temperature	26.7°C DB/19.4°C WB
Condenser Inlet Water Temperature	30°C
Condenser Outlet Water Temperature	35°C

3. Sound pressure level is measured from 1m in front and below the unit.



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