



R454B Dc Inverter Split Type Dehumidifier

- R454B DC inverter dehumidifier.
- Cooling and dehumidification, split-type three-pipe heat recovery system.
- Separated IDU & ODU: 100% non-heat emission indoor side.
- Ultra-wide operating temperature range: Indoor: 41~88°F, Outdoor: 5~118°F.
- Reduces indoor heat load, energy saving over 100%.
- Dc Inverter technology: Precise humidity control within $\pm 2\%$ RH.
- DC inverter compressor/EEV control technology for powerful cooling and dehumidification.
- Intelligent hot refrigerant defrosting: Prevents evaporator from freezing and shutdown.
- Excellent MERV-13 filtration performance.
- 24V AC thermostat control.
- Complies with California Title 24.
- 4-inch color touch screen digital controller (optional).
- Quick connection pipe: Supports DIY installation (optional).
- Modbus/WiFi communication (optional).



Technical Parameters



Model		UCDA-D360DCT		UCDA-D510DCT	
Type		Duct		Duct	
Power supply		V/ph/Hz		208~277/1/60	
Dehumidification mode	Indoor and outdoor environment temperature: DB80°F, Relative humidity:60%	Water Removal (pint/h)		14.6	
		Water Removal (pint/Day)		350	
		Water Removal (L/h)		6.9	
		Water Removal (L/Day)		165.7	
		Cooling capacity (Btuh)		20000	
		Power (W)		1700	
		Current (A)		7.54	
		Efficiency (pint/kWh)		8.6	
		Energy Factor (L/kWh)		4.1	
	Indoor and outdoor environment temperature: DB75°F, Relative humidity:50%	Water Removal (pint/h)		9.3	
		Water Removal (pint/Day)		224	
		Water Removal (L/h)		4.4	
		Water Removal (L/Day)		106.1	
		Cooling capacity (Btuh)		12800	
	Indoor and outdoor environment temperature: DB65°F, Relative humidity:50%	Water Removal (pint/h)		4.38	
		Water Removal (pint/Day)		105	
		Water Removal (L/h)		2.1	
		Water Removal (L/Day)		49.7	
		Cooling capacity (Btuh)		8000	
Constant temperature dehumidification mode	Indoor and outdoor environment temperature: DB80°F, Relative humidity:60%	Water Removal (pint/h)		15	
		Water Removal (pint/Day)		360	
		Water Removal (L/h)		7.1	
		Water Removal (L/Day)		170.3	
		Cooling capacity (Btuh)		7500	
		Power (W)		1720	
		Current (A)		7.63	
		Efficiency (pint/kWh)		8.7	
		Energy Factor (L/kWh)		4.1	
	Indoor and outdoor environment temperature: DB75°F, Relative humidity:50%	Water Removal (pint/h)		10.2	
		Water Removal (pint/Day)		245	
		Water Removal (L/h)		4.8	
		Water Removal (L/Day)		115.8	
		Cooling capacity (Btuh)		5250	
	Indoor and outdoor environment temperature: DB65°F, Relative humidity:50%	Water Removal (pint/h)		25.2	
		Water Removal (pint/Day)		605	
		Water Removal (L/h)		11.9	
		Water Removal (L/Day)		286.1	
		Cooling capacity (Btuh)		3675	
Indoor air flow Rated(Hi/Med/Lo)		CFM		800/650/500	
ESP	Rated	In W.C		0	
	Range	In W.C		0~0.8	
Indoor noise level (Hi/Med/Lo)		dB(A)		46/37/28	
Indoor unit	Dimension (W*H*D)	Inch		33×27×18	
Drain Connection (outer diameter)		Inch		1/2"	
Controller				Wired control / 24V thermostat	
Outdoor noise level (sound pressure) Hi		dB(A)		51	
Throttle type				EEV	
Refrigerant	Type			R454B	
Outdoor unit	Dimension (W*H*D)	Inch		33.2×27.8×13.3	
Maximum Allowable Pressure		Psi		609	
Refrigerant piping	Liquid/Gas/Reheat	Inch		1/4 - 3/8 - 1/2	
	Max. pipe length	ft		100	
	Max. difference in level	ft		33	
Operating temperature range	Indoor	°F		41-88	
	Outdoor	°F		5 - 118	

*Due to product improvement, above datas are subject to change without prior notice, please take the rating plate as standard.



UTL Air Conditioning Technology Co.,Ltd
 E-mail: utl@utlaircon.com.cn sales@utlaircon.com.cn
 Webs ite: www.utlaircon.com