

DRAGON CLIMATE CONTROL SYSTEM

REGENERATOR

Model	DRREG2010U	DRREG2020U	DRREG2030U	DRREG2040U	DRREG2060U	DRREG2070U	DRREG2080U	DRREG2120U
Casing	FRP							
Refrigerant	R407C							
Cooling capacity	10 RT	20 RT	30 RT	40 RT	60 RT	70 RT	80 RT	120 RT
Dehumidification capacity	13 gal/h	26 gal/h	39 gal/h	52 gal/h	79 gal/h	92 gal/h	105 gal/h	158 gal/h
Compressor type	Scroll	Scroll	Screw	Screw	Screw	Screw	Screw	Screw
Condenser type	PHE	PHE	PHE	PHE	PHE	PHE	PHE	PHE
Evaporator type	PHE	PHE	PHE	PHE	PHE	PHE	PHE	PHE
Rated compressor power	10 kW	20 kW	30 kW	40 kW	60 kW	70 kW	80 kW	120 kW
Regenerator pump power	1.5 kW	3 kW	4 kW	4 kW	7.5 kW	7.5 kW	15 kW	15 kW
Conditioner pump power (*)	2.2 kW	4 kW	7.5 kW	7.5 kW	7.5 kW	7.5 kW	15 kW	15 kW
COP	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Power circuit voltage	480 V/3 Ph/60 Hz							
"RLA (including regeneration tower' power requirement)"	28 A	50 A	75 A	90 A	127 A	137 A	183 A	262 A
LRA/MCA/MOP	175 / 35 / 63 A	300 / 63 / 112 A	290 / 93 / 168 A	390 / 112 / 202 A	630 / 158 / 285 A	680 / 169 / 307 A	910 / 227 / 410 A	1300 / 326 / 587 A
Length	91 in	91 in	131 in	131 in	131 in	131 in	171 in	171 in
Width	75 in	75 in	75 in	75 in	75 in	75 in	75 in	75 in
Height	87 in	87 in	87 in	87 in	87 in	87 in	87 in	87 in
Weight	1750 lb	2200 lb	8000 lb	8100 lb	8600 lb	8700 lb	8900 lb	9200 lb

* Conditioner pump might be replaced according to the facility plan.

REGENERATOR TOWER

Model	DRRTW1030	DRRTW2030
Casing	FRP	
Fan power	4 kW	
Air flow rate	17,500 cfm	
Noise pressure level (*)	90 dB(A)	
Spacing	78 in	
Length	78 in	78 in
Width	78 in	78 in
Height	113 in	113 in
Weight	1014 lb	1367 lb

* Power demand is supplied by regenerator. Regenerator power information includes the required power of Towers.

CONDITIONER

Model	DRCND1007U	DRCND1015U	DRCND1030U
High Ceiling Ready	No	Yes	No
Casing	FRP		
Fan drive type	VFD	DOL	DOL
Fan power	1.7 kW	2.2 kW	5.5 kW
Air flow rate	4100 cfm	8800 cfm	17500 cfm
Power circuit voltage	220 V/1 Ph/60 Hz	480 V/3 Ph/60 Hz	480 V/3 Ph/60 Hz
RLA	9.6 A	3.3 A	8.2 A
LRA/MCA/MOP	25.0 / 12.0 / 21.0 A	19.0 / 4.0 / 7.4 A	50.0 / 12.0 / 22.5 A
Length	98 in	92 in	88 in
Width	41 in	57 in	75 in
Height	24 in	44 in	73 in
Weight	450 lb	705 lb	1014 lb

PUMP STATION

Model	DRPS1075	DRPS1150
Casing	Steel	Steel
Motor Power	7.5 kW	15 kW
Length	48 in	48 in
Width	20 in	40 in
Height	39 in	39 in
Weight	352 lb	706 lb

* Pump Station is an equipment that operates as conditioner pump



ALL TECHNICAL DETAILS ARE SUBJECT TO CHANGE