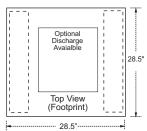
Technical Specifications Geoflex Dehumidification System	Eleme	ents		Standard Features
Aodel 030 - 410A - Top Discharge	Description	Туре	Internal Piping	All Internal Refrigeration Piping is Insulated to Reduce
Nodel 666 4 for top Bischarge	Refrigerant	R410A	Internal Fipling	Noise and Potential Pipe Degradation
Available Options	Base Unit Refrigreant	10° F Superheat on	Air Coils	Air Coils and internal components are coated and baked with an Acrylic Coating
Straight Thru, Top or Bottom Air Discharge	Charge	Base Unit	Low Noise	1" acoustical insulation & all internal refrigeration lines are
Pumps can be Built-in, pre-wired, pre-fused & pre-controlled	Compressor	Scroll	Package	fully insulated to reduce noise potential.
Partial Hot Water(s) c/w Internal Pump & High Limit Switch	Blower	Direct Drive	Electronic Diagnostics	On board fault Diagnostics
Demand Hot Water(s) c/w Internal Pump, if required	Air Coil Coating	Baked Acrylic Process	Cabinet	A Seperator Plate is used between the Air and
10, 15, 20K Back-up/emergency heater available		Anti-Corrosion	Service &	Refrigeration Section
Web Based Monitoring System	Condensate Pan	Coated	Maintenance	Service Doors Surround System
Flexible Orientation, air discharge, water connections	Internal Air Reheat	DX	Refrigeration Section	An Internal Negative Pressure Port is incoprorated to Reduce Heat or Condensation Build-up.
Diagnostic LED Function Light Array	Condensor Optional Pool		Service	Independant, Low & High Pressure & Low Flow c/w
K-Type ThermoProbes for simpler in field diagnostics	Reheat	Co-axial	Switches	HP & LP Memory
External DX Condensor	Optional Water	Co-Axial	Freon Service	Bi-flow Filter/Drier & Moisture Indicating Sight Glass
100% Internal Water Condensor	Condensor	CO-Akiai	Evaporator	All Evaporator Coils are Insulated to avoid
Proportional or 100% Water Reheat Systems	Base Unit Weight		Construction	Condensation Rusting
Cupronickel and Double Wall Vented Coils for specialized apps.	Base Unit Shipping Weight		Feild Adaption	Designed to maximumize field adaptability Field Positionable Condensate Line



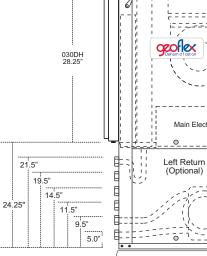
Geoflex Advanced Dehumidification Systems • Are designed within a modularized format to offer optimal configuration capabilities with consideration to efficiency, functionality, service & field adaption opportunities.

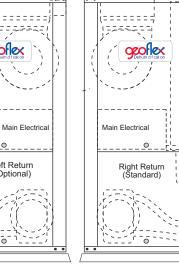
- Can be ordered in virtually any configuration, vertical, horizontal, top, bottom or straight thru discharge, etc.
- Can be ordered/designed to exact project retrofit or new design match with a myriad of options.

С 0 0 0 0 ServiceDoors 0 0 0 Water Line Connections Positioning 0 0 0 0 can vary

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By-Pass Damper





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					410A S	Single Step D	ehumidificatio	on Performan	ce Data				
	Fan		Air		RH 50%			RH 55%			RH 60%		Flow
Model	Motor Type	Spd	Temp °F	Mositure Removal Ibs/hr	Sensible Cooling Btuh	Total Capacity Btuh	Mositure Removal Ibs/hr	Sensible Cooling Btuh	Total Capacity Btuh	Mositure Removal Ibs/hr	Sensible Cooling Btuh	Total Capacity Btuh	Indoor Air CFM
	PSC	Full	80	8.2	17,730	26,254	9.0	16,953	26,602	10.8	16,698	27,538	
030	PSC	Full	82	8.5	17,210	25,639	10.3	16,572	26,129	11.2	16,071	26,721	1,000
	PSC	Full	84	10.4	16,698	25,035	12.5	16,133	25,584	13.7	15,579	26,080	

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						Sing	le Step,	410A EI	ectrical Da	ata	Single Step, 410A Electrical Data														
Мо	Model	Voltage	Voltaga	Min <i>l</i> Max Voltage	Compressor			HWG	Loop	Ext/Int Product	Total Unit	Min Circuit	Max Fuse/	Supply Wire											
	Model	Code	Voltage		RLA	LRA	LRA*	Pump FLA	Pump(s) FLA	Pump FLA	FLA	Amps	HACR	Min AWG	Max Ft (M)										
Γ		А	208-230/60/1	197/254	12.8	64.0	22.5	0.41	0.9	0.9	15.0	18.0	30	12	88 (26.8)										
I	30	С	208-230/60/3	197/254	8.3	58.0					8.3	10.0	15	14	119 (36.3)										
I	30	D	460/60/3	414/506	5.1	28.0					5.1	6.2	10	14	238 (72.6)										
L		E	575/60/3 518/633		3.3	23.7					3.3	4.0	10	14	295 (90.0)										

Notes: LRA* estimated with optional "Secure Start" installed (208-230/60/1) HACR circuit breaker in USA only All fuses Class RK-5 Wire length based on higher if 2 voltages, one way 2.0% voltage drop Wire size based on 60° C copper conductor & minumum circuit ampacity



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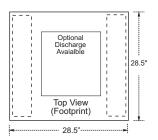
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Technical Specifications Geoflex Dehumidification System	Elem	ents	· ·	Standard Features
Geoflex Dehumidification System Model 030 - 410A - Bottom Discharge	Description	Туре		All Internal Refrigeration Piping is Insulated to Reduce
Niddel 030 - 410A - Bollom Discharge	Refrigerant	R410A	Internal Piping	Noise and Potential Pipe Degradation
Available Options	Base Unit Refrigreant	10° F Superheat on	Air Coils	Air Coils and internal components are coated and baked with an Acrylic Coating
Straight Thru, Top or Bottom Air Discharge	Charge	Base Unit	Low Noise	1" acoustical insulation & all internal refrigeration lines are
Pumps can be Built-in, pre-wired, pre-fused & pre-controlled	Compressor	Scroll	Package	fully insulated to reduce noise potential.
Partial Hot Water(s) c/w Internal Pump & High Limit Switch	Blower	Direct Drive	Electronic Diagnostics	On board fault Diagnostics
Demand Hot Water(s) c/w Internal Pump, if required	Air Coil Coating	Baked Acrylic Process	Cabinet	A Seperator Plate is used between the Air and
10, 15, 20K Back-up/emergency heater available		Anti-Corrosion	Service &	Refrigeration Section
Web Based Monitoring System	Condensate Pan	Coated	Maintenance	Service Doors Surround System
Flexible Orientation, air discharge, water connections	Internal Air Reheat	DX	Refrigeration Section	An Internal Negative Pressure Port is incoprorated to Reduce Heat or Condensation Build-up.
Diagnostic LED Function Light Array	Condensor Optional Pool		Service	Independant, Low & High Pressure & Low Flow c/w
K-Type ThermoProbes for simpler in field diagnostics	Reheat Condensor	Co-axial	Switches	HP & LP Memory
External DX Condensor	Optional Water	Co-Axial	Freon Service	Bi-flow Filter/Drier & Moisture Indicating Sight Glass
100% Internal Water Condensor	Condensor	007 kilai	Evaporator	All Evaporator Coils are Insulated to avoid
Proportional or 100% Water Reheat Systems	Base Unit Weight		Construction	Condensation Rusting
	Base Unit		Feild Adaption	Designed to maximumize field adaptability
Cupronickel and Double Wall Vented Coils for specialized apps.	Shipping Weight			Field Positionable Condensate Line



Geoflex Advanced Dehumidification Systems

- Are designed within a modularized format to offer optimal configuration capabilities with consideration to efficiency, functionality, service & field adaption opportunities.
- Can be ordered in virtually any configuration, vertical, horizontal, top, bottom or straight thru discharge, etc.
- Can be ordered/designed to exact project retrofit or new design match with a myriad of options.

 > > > > > > > > > > > > > > > > > > >	Water Line Connections Positioning can vary		
	By-Pass Damper	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
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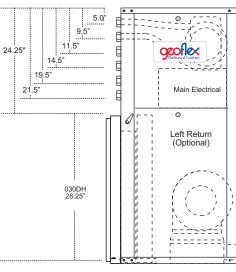
ServiceDoors

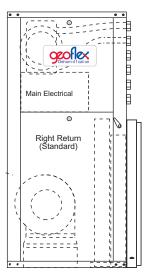
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						410A S	Single Step D	ehumidificatio	on Performan	ce Data				
		Гар		Air		RH 50%			RH 55%			Flow		
	Model	Fan Motor Type	Spd	Temp °F	Mositure Removal Ibs/hr	Sensible Cooling Btuh	Total Capacity Btuh	Mositure Removal Ibs/hr	Sensible Cooling Btuh	Total Capacity Btuh	Mositure Removal Ibs/hr	Sensible Cooling Btuh	Total Capacity Btuh	Indoor Air CFM
Г		PSC	Full	80	8.2	17,730	26,254	9.0	16,953	26,602	10.8	16,698	27,538	
L	030	PSC	Full	82	8.5	17,210	25,639	10.3	16,572	26,129	11.2	16,071	26,721	1,000
L		PSC	Full	84	10.4	16,698	25,035	12.5	16,133	25,584	13.7	15,579	26,080	

						Sing	le Step,	410A El	ectrical Da	ata					
M	Model	Voltage	Voltaga	Min/Max	Compressor			HWG Pump	Ext/Int Loop	Ext/Int Product	Total Unit	Min Circuit	Max Fuse/	Supply Wire	
	woder	Code	Voltage	Voltage	RLA	LRA	LRA*	FLA	Pump(s) FLA	Pump FLA	FLA	Amps	HACR	Min AWG	Max Ft (M)
		А	208-230/60/1	197/254	12.8	64.0	22.5	0.41	0.9	0.9	15.0	18.0	30	12	88 (26.8)
L	30	С	208-230/60/3	197/254	8.3	58.0					8.3	10.0	15	14	119 (36.3)
L	30	D	460/60/3	414/506	5.1	28.0					5.1	6.2	10	14	238 (72.6)
L		E	575/60/3	518/633	3.3	23.7					3.3	4.0	10	14	295 (90.0)

Notes: LRA* estimated with optional "Secure Start" installed (208-230/60/1) HACR circuit breaker in USA only All fuses Class RK-5

Wire length based on higher if 2 voltages, one way 2.0% voltage drop Wire size based on 60°C copper conductor & minumum circuit ampacity



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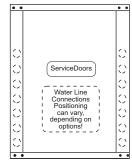
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Fechnical Specifications Geolfex Dehumidification System	Eleme	ents		Standard Features
Geolfex Dehumidification System Model 030 - 410A - Horizontal	Description	Туре		All Internal Refrigeration Piping is Insulated to Reduce
viodel 030 - 410A - Horizontal	Refrigerant	R410A	Internal Piping	Noise and Potential Pipe Degradation
Available Options	Base Unit Refrigreant	10° F Superheat on	Air Coils	Air Coils and internal components are coated and baked with an Acrylic Coating
Straight Thru, Top or Bottom Air Discharge	Charge	Base Unit	Low Noise	1" acoustical insulation & all internal refrigeration lines ar
Pumps can be Built-in, pre-wired, pre-fused & pre-controlled	Compressor	Scroll	Package	fully insulated to reduce noise potential.
Partial Hot Water(s) c/w Internal Pump & High Limit Switch	Blower	Direct Drive	Electronic Diagnostics	On board fault Diagnostics
Demand Hot Water(s) c/w Internal Pump, if required	Air Coil Coating	Baked Acrylic Process	Cabinet	A Seperator Plate is used between the Air and
10, 15, 20K Back-up/emergency heater available		Anti-Corrosion	Service &	Refrigeration Section
Web Based Monitoring System	Condensate Pan	Coated	Maintenance	Service Doors Surround System
Flexible Orientation, air discharge, water connections	Internal Air Reheat	DX	Refrigeration Section	An Internal Negative Pressure Port is incoprorated to Reduce Heat or Condensation Build-up.
Diagnostic LED Function Light Array	Condensor Optional Pool		Service	Independant, Low & High Pressure & Low Flow c/w
K-Type ThermoProbes for simpler in field diagnostics	Reheat Condensor	Co-axial	Switches	HP & LP Memory
External DX Condensor	Optional Water	Co-Axial	Freon Service	Bi-flow Filter/Drier & Moisture Indicating Sight Glass
100% Internal Water Condensor	Condensor	CO-Axiai	Evaporator	All Evaporator Coils are Insulated to avoid
Proportional or 100% Water Reheat Systems	Base Unit Weight		Construction	Condensation Rusting
Cupronickel and Double Wall Vented Coils for specialized apps.	Base Unit Shipping Weight		Feild Adaption	Designed to maximumize field adaptability Field Positionable Condensate Line

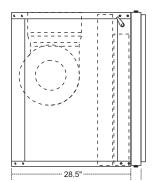
Geoflex Advanced Dehumidification Systems

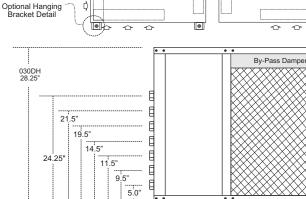
- Are designed within a modularized format to offer optimal configuration capabilities with consideration to efficiency, functionality, service & field adaption opportunities
- Can be ordered in virtually any configuration, vertical, horizontal, top, bottom or straight thru discharge, etc.
- Can be ordered/designed to exact project retrofit or new design match with a myriad of options.



Notes

- A 6" Space must be left under the system to allow for a condensate drain trap.
- allow for a condensate drain trap. Much consideration must be given to noise, as horizontal units are commonly hung above drop ceilings in office spaces Back-un/Emergency Plenum Heaters can be built in with top and bottom discharge, all other discharge options would be built on.





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Return Air and Service Side Options

42.5"

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410A Single Step Dehumidification Performance Data RH 50% RH 55% RH 60% Flow Fan Air Indoor Mositure Sensible Total Mositure Sensible Total Mositure Sensible Total Mode Motor Temp Spd Cooling Capacity Cooling Capacity Cooling Capacity Air Removal Removal Removal Туре °F lbs/hr Btuh Btuh lbs/hr Btuh lbs/hr Btuh Btuh CFM Btuh PSC Full 80 8.2 17,730 26,254 9.0 16,953 26,602 10.8 16,698 27,538 1.000 030 PSC Full 82 8.5 17,210 25,639 10.3 16,572 26,129 11.2 16,071 26,721 <u>15,5</u>79 PSC Full 84 10.4 16,698 25,035 12.5 16,133 25,584 13.7 26,080

	Single Step, 410A Electrical Data														
Model	Voltage Code	Voltago	Min/Max	Compressor			HWG Pump	Ext/Int Loop	Ext/Int Product	Total Unit	Min Circuit	Max Fuse/	Supply Wire		
		Voltage	Voltage	RLA	LRA	LRA*	FLA	Pump(s) FLA	Pump FLA	FLA	Amps	HACR	Min AWG	Max Ft (M)	
	А	208-230/60/1	197/254	12.8	64.0	22.5	0.41	0.9	0.9	15.0	18.0	30	12	88 (26.8)	
30	С	208-230/60/3	197/254	8.3	58.0					8.3	10.0	15	14	119 (36.3)	
- 50	D	460/60/3	414/506	5.1	28.0					5.1	6.2	10	14	238 (72.6)	
	Е	575/60/3	518/633	3.3	23.7					3.3	4.0	10	14	295 (90.0)	

Notes: LRA* estimated with optional "Secure Start" installed (208-230/60/1) HACR circuit breaker in USA only All fuses Class RK-5

Wire length based on higher if 2 voltages, one way 2.0% voltage drop Wire size based on 60°C copper conductor & minumum circuit ampacity



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