

# SELECTION DATA

## PACKAGED WATER-COOLED, AIR-COOLED AND SPLIT DEHUMIDIFICATION SYSTEMS

A climate of innovation.



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# AIR AND WATER-COOLED PACKAGED DEHUMIDIFIERS

Table 1 Air and water-cooled packaged dehumidifiers selection

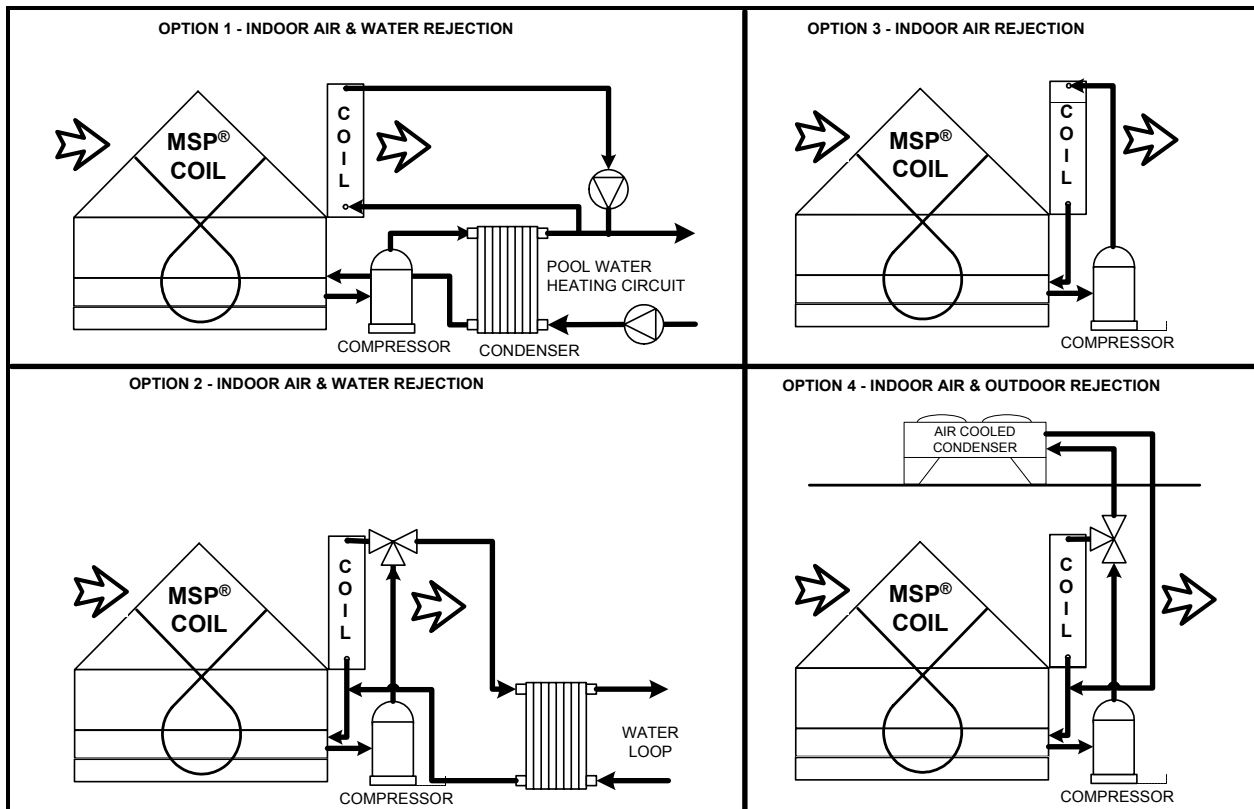
MODEL DRIP-4A	CAPACITY LB/H	AIRFLOW SCFM	POWER KW	MRE * LB/KWH
4-22**	17.3	1,000	2.80	6.18
6-30**	23.3	1,000	3.45	6.75
8-41**	32.7	1,120	4.90	6.67
9-44**	34.8	1,260	5.00	6.96
10-49**	38.6	1,400	5.84	6.61
12-56**	43.6	1,680	6.63	6.58
16-81**	63.6	2,240	7.86	8.09
24-121**	95.5	3,360	11.65	8.20
32-156**	122.8	4,480	15.84	7.75
48-240**	189.4	6,720	24.59	7.70

\* Moisture Removal Efficiency

\*\* Insert Heat rejection configuration (Figures 1-4)

For use in indoor swimming pools, specify "coated units"

Figure 1 – Heat rejection options for packaged dehumidifiers



<b>DEHUMIDIFIER MODEL: DRIP-4A4-22*</b>			
Refrigerant / Charge (lb):		R-22 / 4.13	
Air Volume (scfm)		1,000	
External Static Pressure (inches wg)		0.5	
Fan Size		9-4	
Fan HP		1.00	
Fan BHP		0.76	
Fan Speed (rpm)		1,763	
Dimensions Horizontal (inches) L x W x H		66 x 38 x 51	
Dimensions Vertical (inches) L x W x H		24 x 38 x 86	
Weight (approximate pounds)		1,750	
<b>ELECTRICAL (60Hz)</b>	Phase	1	3
	Voltage	230	230 460
	MCA	18	10 5
	MFS	30	15 8

\* Insert heat rejection designation

<b>PERFORMANCE WITH INTEGRAL COMPRESSOR</b>		
<b>WATER COOLED OR AIR COOLED</b>		
Moisture Removal Capacity (lb/h)		17.3
Inlet Air Temperature / Relative Humidity		82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point		78.1°F / 49.5°F
WATER	Ent. Water Temp. (°F)	80°F
	Water flow (GPM)	1.9-GPM
AIR	Ambient (Air Cooled)	95°F
Evaporator Temperature (°F)		39°F
Compressor (BTUH)		21,891
Compressor kW		2.0
Fan Motor kW		0.79
Total Unit kW		2.80
Moisture Removal Efficiency (lb/kWh)		6.19

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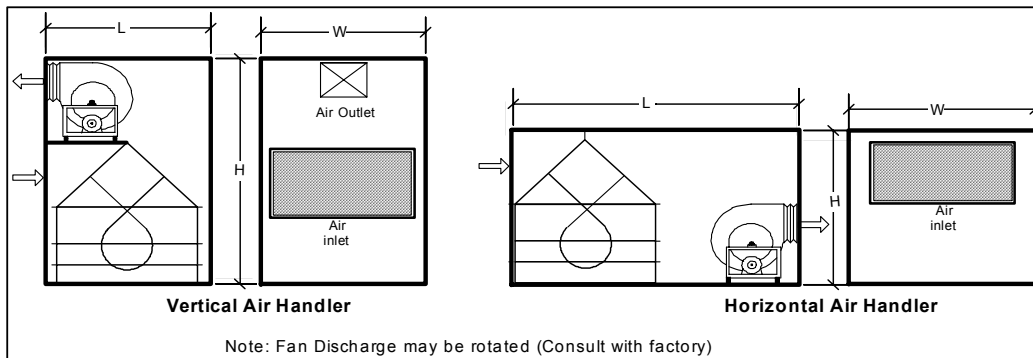
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FOR USE IN INDOOR POOLS, SPECIFY CORROSION RESISTANCE

CHILLED WATER MODELS ALSO AVAILABLE, CONSULT FACTORY

CONSULT FACTORY FOR RATINGS UNDER DIFFERENT CONDITIONS

MODELS AVAILABLE TO MEET OTHER CAPACITY AND/OR SIZE REQUIREMENTS, CONSULT FACTORY



<b>DEHUMIDIFIER MODEL: DRIP-4A6-30*</b>			
Refrigerant / Charge (lb):		R-22 / 4.94	
Air Volume (scfm)		1,000	
External Static Pressure (inches wg)		0.5	
Fan Size		9-4	
Fan HP		1.00	
Fan BHP		0.75	
Fan Speed (rpm)		1,759	
Dimensions Horizontal (inches) L x W x H		73 x 38 x 55	
Dimensions Vertical (inches) L x W x H		32 x 38 x 90	
Weight (approximate pounds)		2,120	
<b>ELECTRICAL (60Hz)</b>	Phase	1	3
	Voltage	230	230 460
	MCA	23	13 7
	MFS	40	20 11

\* Insert heat rejection designation

<b>PERFORMANCE WITH INTEGRAL COMPRESSOR</b>		
<b>WATER COOLED OR AIR COOLED</b>		
Moisture Removal Capacity (lb/h)		23.3
Inlet Air Temperature / Relative Humidity		82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point		78.2°F / 50.5°F
WATER	Ent. Water Temp. (°F)	80°F
	Water flow (GPM)	2.5-GPM
AIR	Ambient (Air Cooled)	95°F
Evaporator Temperature (°F)		41°F
Compressor (BTUH)		29,750
Compressor kW		2.7
Fan Motor kW		0.78
Total Unit kW		3.45
Moisture Removal Efficiency (lb/kWh)		6.75

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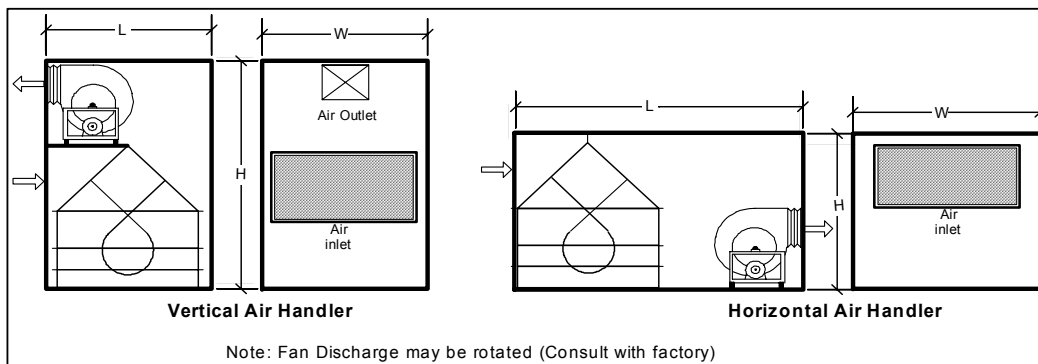
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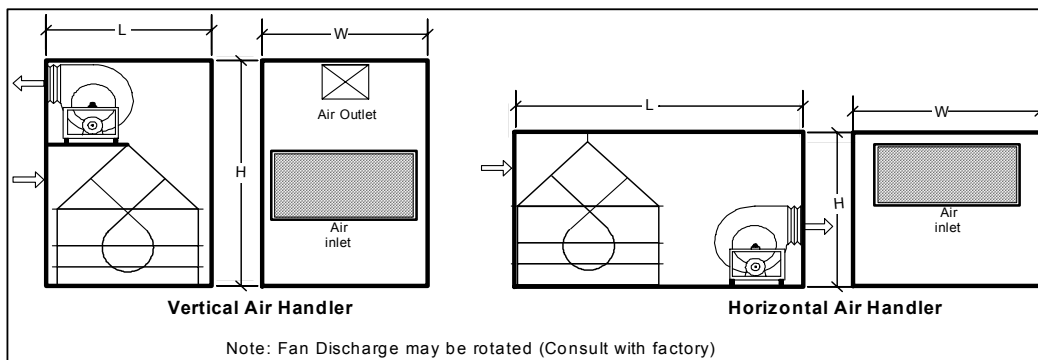


DEHUMIDIFIER MODEL: DRIP-4A8-41*			
Refrigerant / Charge (lb):		R-22 / 5.1	
Air Volume (scfm)		1,120	
External Static Pressure (inches wg)		0.5	
Fan Size		9-6	
Fan HP		1.00	
Fan BHP		0.85	
Fan Speed (rpm)		1,745	
Dimensions Horizontal (inches) L x W x H		81 x 38 x 59	
Dimensions Vertical (inches) L x W x H		39 x 38 x 93	
Weight (approximate pounds)		2,200	
<b>ELECTRICAL (60Hz)</b>	Phase	1	3
	Voltage	230	230    460
	MCA	30	17    9
	MFS	50	30    14

\* Insert heat rejection designation

<b>PERFORMANCE WITH INTEGRAL COMPRESSOR</b>		
<b>WATER COOLED OR AIR COOLED</b>		
Moisture Removal Capacity (lb/h)		32.7
Inlet Air Temperature / Relative Humidity		82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point		77.5°F / 49.2°F
WATER	Ent. Water Temp. (°F)	80°F
	Water flow (GPM)	3.5-GPM
AIR	Ambient (Air Cooled)	95°F
Evaporator Temperature (°F)		39°F
Compressor (BTUH)		41,226
Compressor kW		4.0
Fan Motor kW		0.88
Total Unit kW		4.90
Moisture Removal Efficiency (lb/kWh)		6.67

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DEHUMIDIFIER MODEL: DRIP-4A9-44*				
Refrigerant / Charge (lb):		R-22 / 5.38		
Air Volume (scfm)		1,260		
External Static Pressure (inches wg)		0.5		
Fan Size		9-6		
Fan HP		1.50		
Fan BHP		0.95		
Fan Speed (rpm)		1,736		
Dimensions Horizontal (inches) L x W x H		73 x 49 x 55		
Dimensions Vertical (inches) L x W x H		32 x 49 x 90		
Weight (approximate pounds)		2,360		
<b>ELECTRICAL (60Hz)</b>	Phase	1	3	
	Voltage	230	230	460
	MCA	37	21	11
	MFS	60	35	17

\* Insert heat rejection designation

PERFORMANCE WITH INTEGRAL COMPRESSOR WATER COOLED OR AIR COOLED		
Moisture Removal Capacity (lb/h)		34.8
Inlet Air Temperature / Relative Humidity		82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point		77.5°F / 50.4°F
WATER	Ent. Water Temp. (°F)	80°F
	Water flow (GPM)	3.7-GPM
AIR	Ambient (Air Cooled)	95°F
Evaporator Temperature (°F)		40°F
Compressor (BTUH)		44,336
Compressor kW		4.1
Fan Motor kW		0.94
Total Unit kW		5.0
Moisture Removal Efficiency (lb/kWh)		6.95

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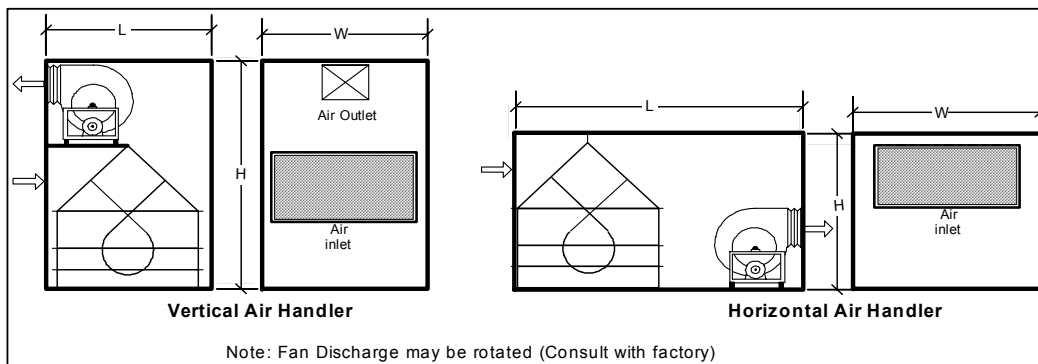
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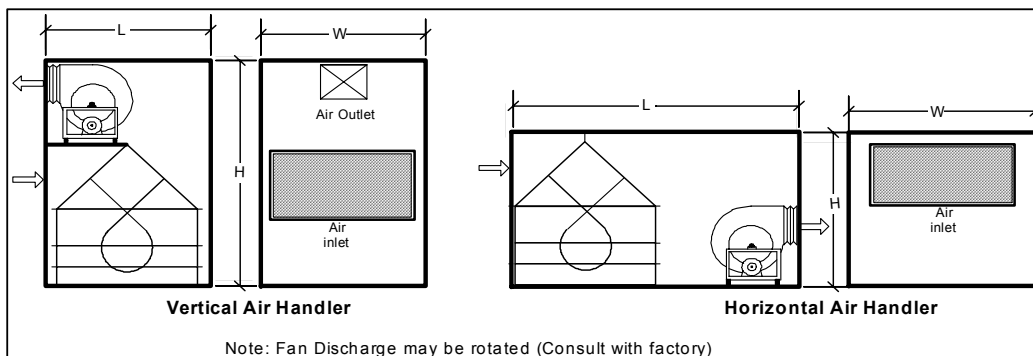


DEHUMIDIFIER MODEL: DRIP-4A10-49*				
Refrigerant / Charge (lb):		R-22 / 8.19		
Air Volume (scfm)		1,400		
External Static Pressure (inches wg)		0.5		
Fan Size		9-8		
Fan HP		1.50		
Fan BHP		1.28		
Fan Speed (rpm)		1,793		
Dimensions Horizontal (inches) L x W x H		88 x 38 x 63		
Dimensions Vertical (inches) L x W x H		47 x 38 x 97		
Weight (approximate pounds)		2,400		
<b>ELECTRICAL (60Hz)</b>	Phase	1	3	
	Voltage	230	230	460
	MCA	38	22	11
	MFS	60	35	18

\* Insert heat rejection designation

<b>PERFORMANCE WITH INTEGRAL COMPRESSOR</b>		
<b>WATER COOLED OR AIR COOLED</b>		
Moisture Removal Capacity (lb/h)		38.6
Inlet Air Temperature / Relative Humidity		82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point		77.5°F / 50.4°F
WATER	Ent. Water Temp. (°F)	80°F
	Water flow (GPM)	4.1-GPM
AIR	Ambient (Air Cooled)	95°F
Evaporator Temperature (°F)		40°F
Compressor (BTUH)		49,190
Compressor kW		4.6
Fan Motor kW		1.27
Total Unit kW		5.84
Moisture Removal Efficiency (lb/kWh)		6.61

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DEHUMIDIFIER MODEL: DRIP-4A16-81*				
Refrigerant / Charge (lb):		R-22 / 16		
Air Volume (scfm)		2,240		
External Static Pressure (inches wg)		0.5		
Fan Size		10-9		
Fan HP		2.00		
Fan BHP		1.64		
Fan Speed (rpm)		1,558		
Dimensions Horizontal (inches) L x W x H		82 x 60 x 59		
Dimensions Vertical (inches) L x W x H		39 x 60 x 95		
Weight (approximate pounds)		3,240		
<b>ELECTRICAL (60Hz)</b>	Phase	1	3	
	Voltage	230	230	460
	MCA	N/A	29	15
	MFS		50	24

\* Insert heat rejection designation

<b>PERFORMANCE WITH INTEGRAL COMPRESSOR</b>		
<b>WATER COOLED OR AIR COOLED</b>		
Moisture Removal Capacity (lb/h)		63.6
Inlet Air Temperature / Relative Humidity		82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point		77.5°F / 49.8°F
WATER	Ent. Water Temp. (°F)	80°F
	Water flow (GPM)	6.8-GPM
AIR	Ambient (Air Cooled)	95°F
Evaporator Temperature (°F)		40°F
Compressor (BTUH)		80,603
Compressor kW		6.2
Fan Motor kW		1.68
Total Unit kW		7.86
Moisture Removal Efficiency (lb/kWh)		8.09

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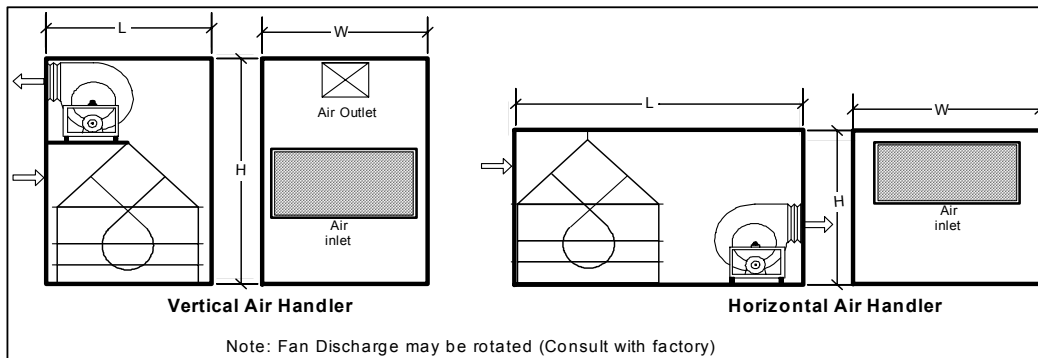
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DEHUMIDIFIER MODEL: DRIP-4A24-121*				
Refrigerant / Charge (lb):		R-22 / 21		
Air Volume (scfm)		3,360		
External Static Pressure (inches wg)		0.5		
Fan Size		12-12		
Fan HP		3.00		
Fan BHP		2.53		
Fan Speed (rpm)		1,387		
Dimensions Horizontal (inches) L x W x H		100 x 61 x 66		
Dimensions Vertical (inches) L x W x H		54 x 61 x 106		
Weight (approximate pounds)		3,850		
<b>ELECTRICAL (60Hz)</b>	Phase	1	3	
	Voltage	230	230	460
	MCA	N/A	44	22
	MFS		70	36

\* Insert heat rejection designation

PERFORMANCE WITH INTEGRAL COMPRESSOR WATER COOLED OR AIR COOLED		
Moisture Removal Capacity (lb/h)		95.5
Inlet Air Temperature / Relative Humidity		82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point		77.5°F / 49.8°F
WATER	Ent. Water Temp. (°F)	80°F
	Water flow (GPM)	10.1-GPM
AIR	Ambient (Air Cooled)	95°F
Evaporator Temperature (°F)		40°F
Compressor (BTUH)		121,013
Compressor kW		9.1
Fan Motor kW		2.54
Total Unit kW		11.65
Moisture Removal Efficiency (lb/kWh)		8.20

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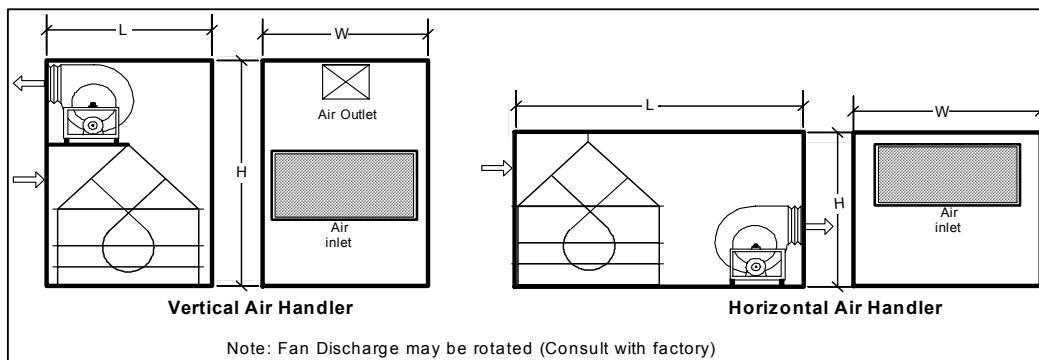
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DEHUMIDIFIER MODEL: DRIP-4A32-157*				
Refrigerant / Charge (lb):		R-22 / 30		
Air Volume (scfm)		4,480		
External Static Pressure (inches wg)		1.0		
Fan Size		15-11		
Fan HP		5.00		
Fan BHP		3.72		
Fan Speed (rpm)		1,182		
Dimensions Horizontal (inches) L x W x H		118 x 61 x 74		
Dimensions Vertical (inches) L x W x H		69 x 61 x 117		
Weight (approximate pounds)		4,550		
<b>ELECTRICAL (60Hz)</b>	Phase	1	3	
	Voltage	230	230	460
	MCA	N/A	57	28
	MFS		100	46

\* Insert heat rejection designation

PERFORMANCE WITH INTEGRAL COMPRESSOR WATER COOLED OR AIR COOLED		
Moisture Removal Capacity (lb/h)		122.8
Inlet Air Temperature / Relative Humidity		82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point		77.5°F / 50.6°F
WATER	Ent. Water Temp. (°F)	80°F
	Water flow (GPM)	13.1-GPM
AIR	Ambient (Air Cooled)	95°F
Evaporator Temperature (°F)		40°F
Compressor (BTUH)		157,016
Compressor kW		12.2
Fan Motor kW		3.68
Total Unit kW		15.84
Moisture Removal Efficiency (lb/kWh)		7.75

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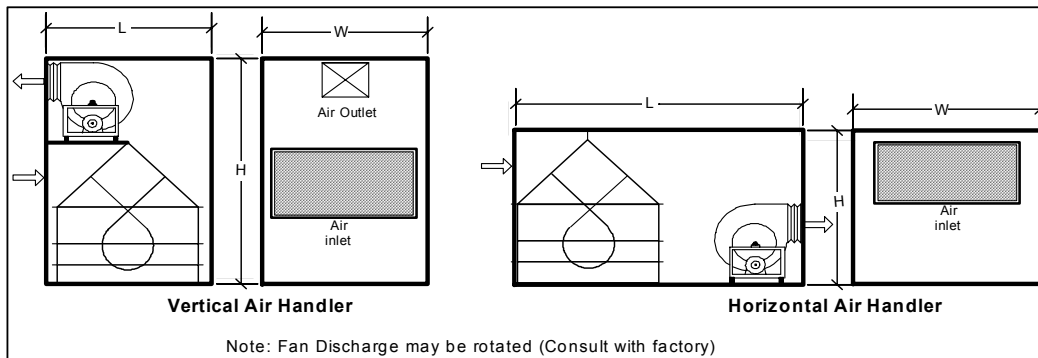
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MODELS AVAILABLE TO MEET OTHER CAPACITY AND/OR SIZE REQUIREMENTS, CONSULT FACTORY



DEHUMIDIFIER MODEL: DRIP-4A48-240*				
Refrigerant / Charge (lb):		R-22 / 40		
Air Volume (scfm)		6,720		
External Static Pressure (inches wg)		1.0		
Fan Size		15-15		
Fan HP		7.50		
Fan BHP		6.03		
Fan Speed (rpm)		1,207		
Dimensions Horizontal (inches) L x W x H		118 x 84 x 74		
Dimensions Vertical (inches) L x W x H		69 x 84 x 117		
Weight (approximate pounds)		6,020		
<b>ELECTRICAL (60Hz)</b>	Phase	1	3	
	Voltage	230	230	460
	MCA	N/A	89	45
	MFS		150	73

\* Insert heat rejection designation

<b>PERFORMANCE WITH INTEGRAL COMPRESSOR WATER COOLED OR AIR COOLED</b>		
Moisture Removal Capacity (lb/h)		189.4
Inlet Air Temperature / Relative Humidity		82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point		77.5°F / 50.0°F
WATER	Ent. Water Temp. (°F)	80°F
	Water flow (GPM)	20.1-GPM
AIR	Ambient (Air Cooled)	95°F
Evaporator Temperature (°F)		40°F
Compressor (BTUH)		240,255
Compressor kW		18.4
Fan Motor kW		6.17
Total Unit kW		24.59
Moisture Removal Efficiency (lb/kWh)		7.70

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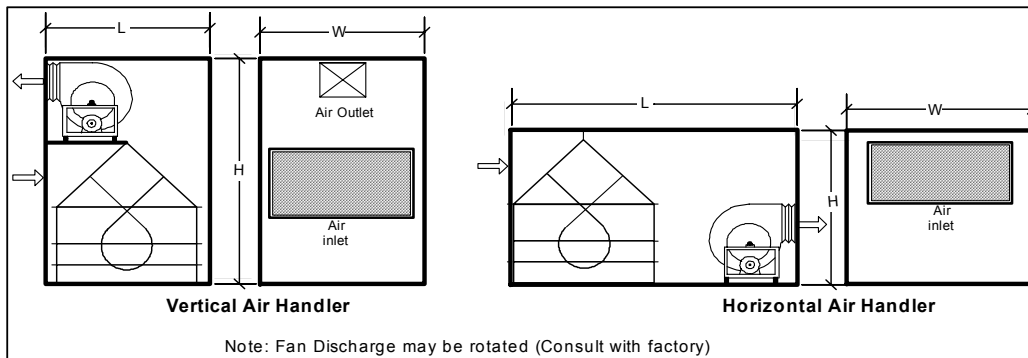
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## AIR -COOLED SPLIT DEHUMIDIFIERS

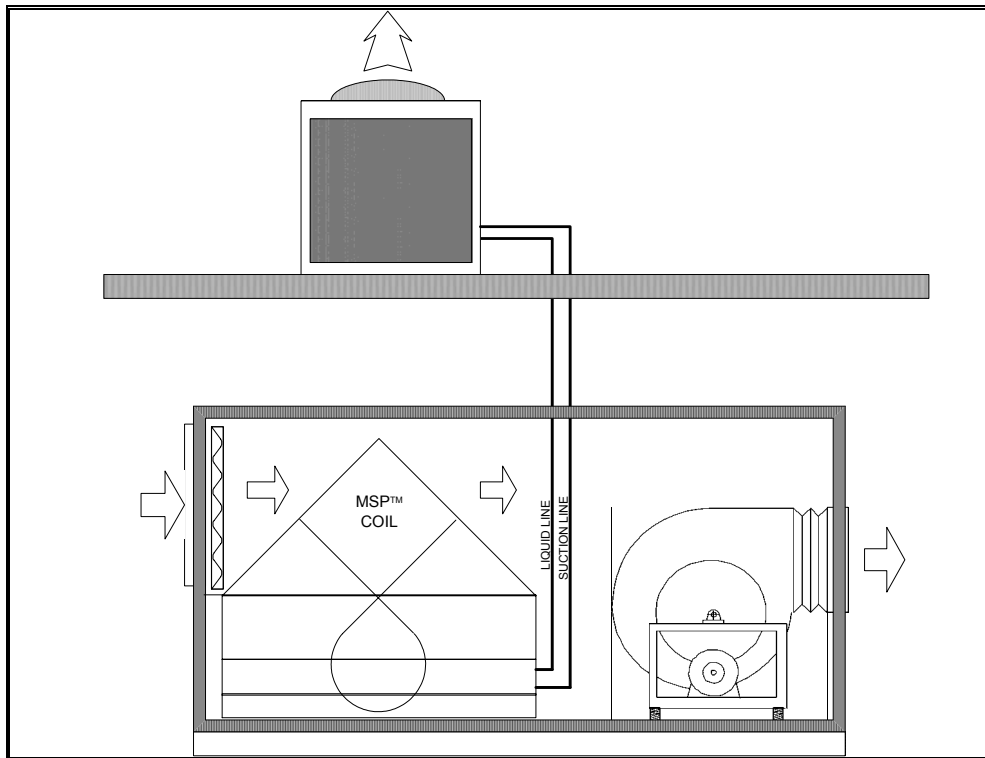
**Table 2 - Air -cooled split dehumidifier selection**

MODEL DRIA-4A	CAPACITY LB/H	AIRFLOW SCFM	POWER KW	CONDENSING UNIT NOMINAL TONS	MRE * LB/KWH
06-030A	22.9	1,000	3.11	2.5	7.38
06-036A	25.3	1,000	3.84	3.0	6.58
08-042A	30.1	1,120	4.24	3.5	7.11
09-048A	33.8	1,260	4.97	4.0	6.80
10-060A	40.3	1,400	5.97	5.0	6.75
15-072A	52.3	2,100	7.14	6.0	7.32
16-090A	65.6	2,240	8.91	7.5	7.36
24-120A	92.1	3,360	12.80	10.0	7.20
28-150A	106.6	3,920	15.68	12.5	6.80
32-180A	130.5	4,480	18.68	15.0	6.99
48-240A	180.0	6,720	26.00	20.0	6.92

\* Moisture Removal Efficiency

For use in indoor swimming pools, specify "coated units"

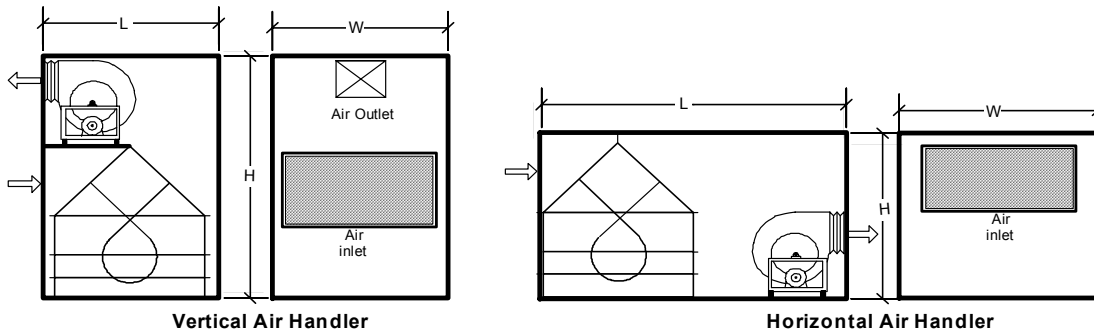
**Figure 2 – Air-cooled split system**



<b>DEHUMIDIFIER MODEL: DRIA-4A06-030A</b>				
Refrigerant / Charge (lb):	R-22 / 4.13			
Air Volume (scfm)	1,000			
External Static Pressure (inches wg)	0.5			
Fan Size	9-4			
Fan HP	1.00			
Fan BHP	0.76			
Fan Speed (rpm)	1,763			
Dimensions Horizontal (inches) L x W x H	65 x 38 x 55			
Dimensions Vertical (inches) L x W x H	32 x 38 x 84			
Weight (approximate pounds)	1,400			
<b>ELECTRICAL (60Hz) (Dehumidifier fan)</b>	Phase	1	3	
	Voltage	230	230	460
	MCA	6	4	2
	MFS	15	15	15

<b>PERFORMANCE WITH NOMINAL 2.5-TON AIR COOLED CONDENSING UNIT</b>	
Moisture Removal Capacity (lb/h)	22.9
Inlet Air Temperature / Relative Humidity	82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point	78.1°F / 53.9°F
Condensing Unit BTUH (at 95°F ambient)	29,240
Evaporator Temperature (°F)	41°F
Condensing Unit kW	2.55
Dehumidifier kW	0.55
Total Unit kW	3.10
Moisture Removal Efficiency (lb/kWh)	7.38

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 CONSULT FACTORY FOR RATINGS UNDER DIFFERENT INLET AIR CONDITIONS

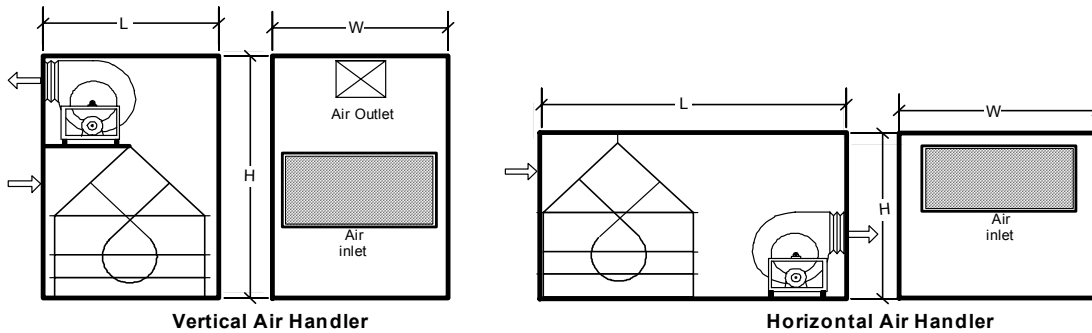


Note: Fan Discharge may be rotated (Consult with factory)

<b>DEHUMIDIFIER MODEL: DRIA-4A06-036A</b>				
Refrigerant / Charge (lb):	R-22 / 4.94			
Air Volume (scfm)	1,000			
External Static Pressure (inches wg)	0.5			
Fan Size	9-4			
Fan HP	1.00			
Fan BHP	0.75			
Fan Speed (rpm)	1,759			
Dimensions Horizontal (inches) L x W x H	65 x 38 x 55			
Dimensions Vertical (inches) L x W x H	32 x 38 x 84			
Weight (approximate pounds)	1,400			
<b>ELECTRICAL (60Hz) (Dehumidifier fan)</b>	Phase	1	3	
	Voltage	230	230	460
	MCA	6	4	2
	MFS	15	15	15

<b>PERFORMANCE WITH NOMINAL 3-TON AIR COOLED CONDENSING UNIT</b>	
Moisture Removal Capacity (lb/h)	25.3
Inlet Air Temperature / Relative Humidity	82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point	78.2°F / 52.1°F
Condensing Unit BTUH (at 95°F ambient)	31,820
Evaporator Temperature (°F)	38°F
Condensing Unit kW	3.3
Dehumidifier kW	0.54
Total Unit kW	3.84
Moisture Removal Efficiency (lb/kWh)	6.58

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 CHILLED WATER MODELS ALSO AVAILABLE, CONSULT FACTORY  
 CONSULT FACTORY FOR RATINGS UNDER DIFFERENT INLET AIR CONDITIONS

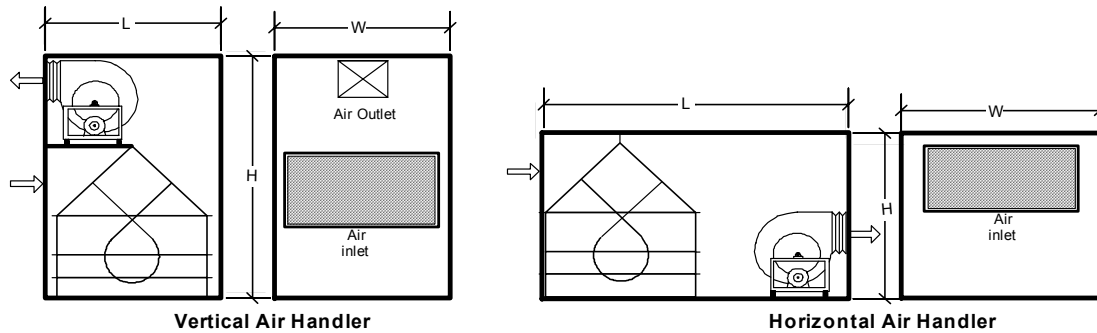


Note: Fan Discharge may be rotated (Consult with factory)

<b>DEHUMIDIFIER MODEL: DRIA-4A08-042A</b>				
Refrigerant / Charge (lb):	R-22 / 5.1			
Air Volume (scfm)	1,120			
External Static Pressure (inches wg)	0.5			
Fan Size	9-6			
Fan HP	1.00			
Fan BHP	0.85			
Fan Speed (rpm)	1,745			
Dimensions Horizontal (inches) L x W x H	73 x 38 x 59			
Dimensions Vertical (inches) L x W x H	39 x 38 x 87			
Weight (approximate pounds)	1,600			
<b>ELECTRICAL (60Hz) (Dehumidifier fan)</b>	Phase	1	3	
	Voltage	230	230	460
	MCA	6	4	2
	MFS	15	15	15

<b>PERFORMANCE WITH NOMINAL 3.5-TON AIR COOLED CONDENSING UNIT</b>	
Moisture Removal Capacity (lb/h)	30.1
Inlet Air Temperature / Relative Humidity	82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point	77.5°F / 51.0°F
Condensing Unit BTUH (at 95°F ambient)	38,500
Evaporator Temperature (°F)	40°F
Condensing Unit kW	3.62
Dehumidifier kW	0.62
Total Unit kW	4.24
Moisture Removal Efficiency (lb/kWh)	7.11

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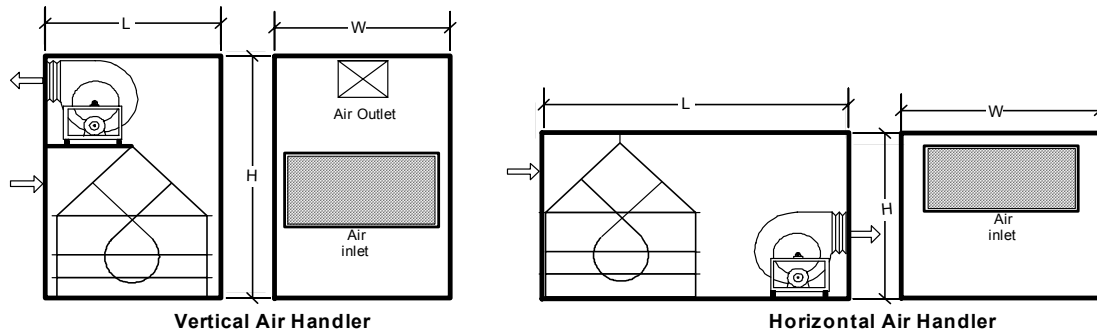


Note: Fan Discharge may be rotated (Consult with factory)

<b>DEHUMIDIFIER MODEL: DRIA-4A09-048A</b>				
Refrigerant / Charge (lb):	R-22 / 5.38			
Air Volume (scfm)	1,260			
External Static Pressure (inches wg)	0.5			
Fan Size	9-6			
Fan HP	1.50			
Fan BHP	0.95			
Fan Speed (rpm)	1,736			
Dimensions Horizontal (inches) L x W x H	65 x 49 x 55			
Dimensions Vertical (inches) L x W x H	32 x 49 x 84			
Weight (approximate pounds)	1,700			
<b>ELECTRICAL (60Hz) (Dehumidifier fan)</b>	Phase	1	3	
	Voltage	230	230	460
	MCA	9	5	3
	MFS	15	15	15

<b>PERFORMANCE WITH NOMINAL 4-TON AIR COOLED CONDENSING UNIT</b>	
Moisture Removal Capacity (lb/h)	33.800000
Inlet Air Temperature / Relative Humidity	82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point	77.5°F / 51.0°F
Condensing Unit BTUH (at 95°F ambient)	43,240
Evaporator Temperature (°F)	41°F
Condensing Unit kW	4.27
Dehumidifier kW	0.70
Total Unit kW	4.970366
Moisture Removal Efficiency (lb/kWh)	6.80

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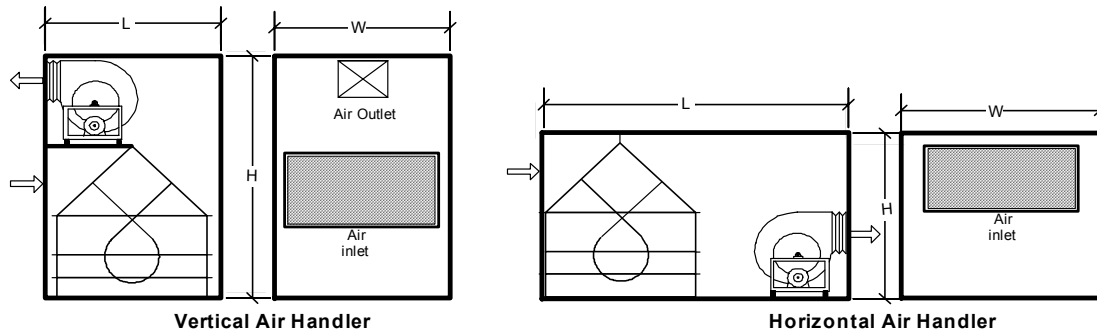


Note: Fan Discharge may be rotated (Consult with factory)

<b>DEHUMIDIFIER MODEL: DRIA-4A10-060A</b>				
Refrigerant / Charge (lb):	R-22 / 8.19			
Air Volume (scfm)	1,400			
External Static Pressure (inches wg)	0.5			
Fan Size	9-8			
Fan HP	1.50			
Fan BHP	1.28			
Fan Speed (rpm)	1,793			
Dimensions Horizontal (inches) L x W x H	80 x 38 x 63			
Dimensions Vertical (inches) L x W x H	47 x 38 x 91			
Weight (approximate pounds)	1,800			
<b>ELECTRICAL (60Hz) (Dehumidifier fan)</b>	Phase	1	3	
	Voltage	230	230	460
	MCA	9	5	3
	MFS	15	15	15

<b>PERFORMANCE WITH NOMINAL 5-TON AIR COOLED CONDENSING UNIT</b>	
Moisture Removal Capacity (lb/h)	40.3
Inlet Air Temperature / Relative Humidity	82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point	77.5°F / 49.5°F
Condensing Unit BTUH (at 95°F ambient)	50,940
Evaporator Temperature (°F)	39°F
Condensing Unit kW	5.03
Dehumidifier kW	0.94
Total Unit kW	5.97
Moisture Removal Efficiency (lb/kWh)	6.75

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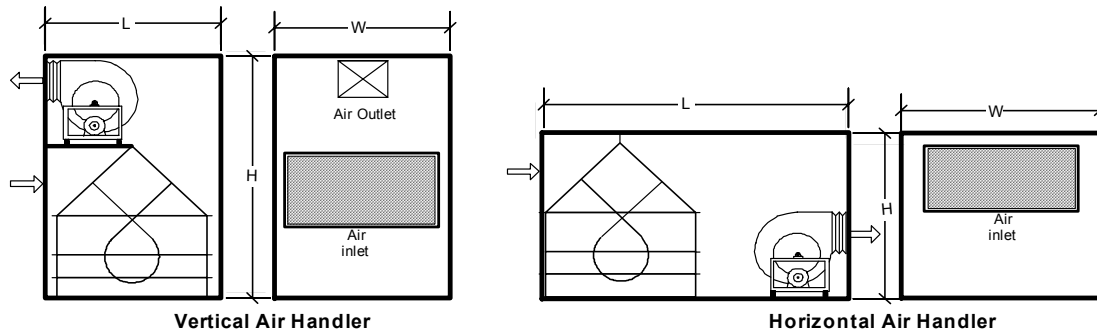


Note: Fan Discharge may be rotated (Consult with factory)

<b>DEHUMIDIFIER MODEL: DRIA-4A15-072A</b>				
Refrigerant / Charge (lb):	R-22 / 9.25			
Air Volume (scfm)	2,100			
External Static Pressure (inches wg)	0.5			
Fan Size	10-8			
Fan HP	2.00			
Fan BHP	1.54			
Fan Speed (rpm)	1,516			
Dimensions Horizontal (inches) L x W x H	82 x 49 x 63			
Dimensions Vertical (inches) L x W x H	47 x 49 x 93			
Weight (approximate pounds)	2,200			
<b>ELECTRICAL (60Hz) (Dehumidifier fan)</b>	Phase	1	3	
	Voltage	230	230	460
	MCA	12	7	3
	MFS	20	15	15

<b>PERFORMANCE WITH NOMINAL 6-TON AIR COOLED CONDENSING UNIT</b>	
Moisture Removal Capacity (lb/h)	52.3
Inlet Air Temperature / Relative Humidity	82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point	77.4°F / 52.4°F
Condensing Unit BTUH (at 95°F ambient)	67,620
Evaporator Temperature (°F)	42°F
Condensing Unit kW	6.01
Dehumidifier kW	1.13
Total Unit kW	7.14
Moisture Removal Efficiency (lb/kWh)	7.32

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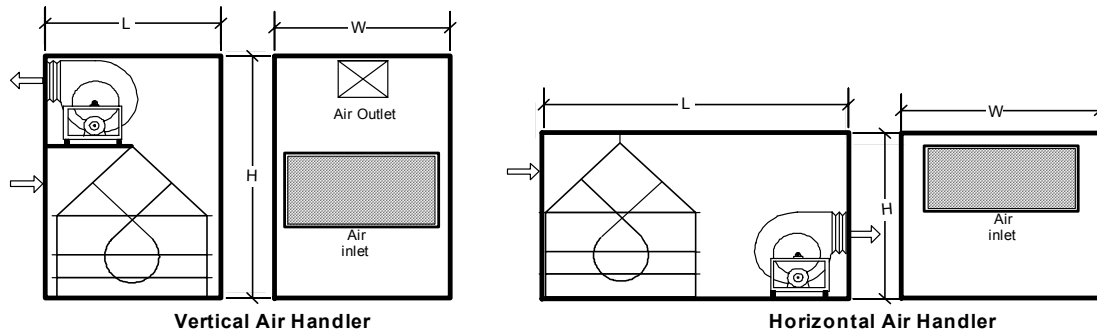


Note: Fan Discharge may be rotated (Consult with factory)

<b>DEHUMIDIFIER MODEL: DRIA-4A16-090A</b>				
Refrigerant / Charge (lb):	R-22 / 16			
Air Volume (scfm)	2,240			
External Static Pressure (inches wg)	0.5			
Fan Size	10-9			
Fan HP	2.00			
Fan BHP	1.64			
Fan Speed (rpm)	1,558			
Dimensions Horizontal (inches) L x W x H	74 x 60 x 59			
Dimensions Vertical (inches) L x W x H	39 x 60 x 89			
Weight (approximate pounds)	2,300			
<b>ELECTRICAL (60Hz) (Dehumidifier fan)</b>	Phase	1	3	
	Voltage	230	230	460
	MCA	12	7	3
	MFS	20	15	15

<b>PERFORMANCE WITH NOMINAL 7.5-TON AIR COOLED CONDENSING UNIT</b>	
Moisture Removal Capacity (lb/h)	65.6
Inlet Air Temperature / Relative Humidity	82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point	77.5°F / 49.1°F
Condensing Unit BTUH (at 95°F ambient)	82,760
Evaporator Temperature (°F)	39°F
Condensing Unit kW	7.71
Dehumidifier kW	1.20
Total Unit kW	8.91
Moisture Removal Efficiency (lb/kWh)	7.36

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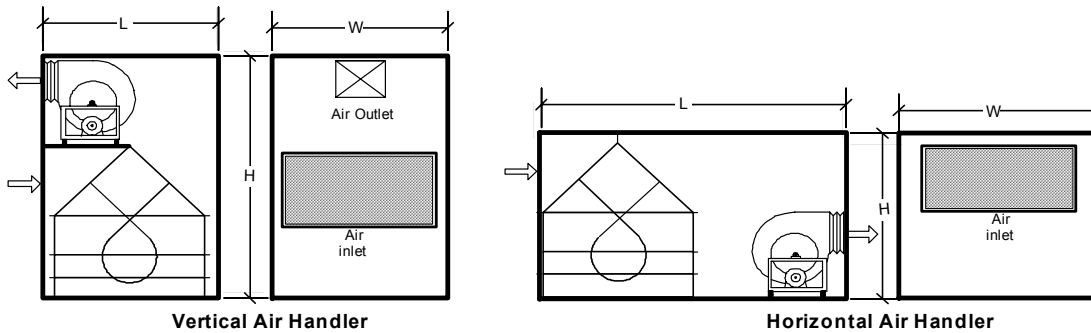


Note: Fan Discharge may be rotated (Consult with factory)

<b>DEHUMIDIFIER MODEL: DRIA-4A24-120A</b>			
Refrigerant / Charge (lb):	R-22 / 21		
Air Volume (scfm)	3,360		
External Static Pressure (inches wg)	0.5		
Fan Size	12-12		
Fan HP	3.00		
Fan BHP	2.53		
Fan Speed (rpm)	1,387		
Dimensions Horizontal (inches) L x W x H	92 x 61 x 66		
Dimensions Vertical (inches) L x W x H	54 x 61 x 100		
Weight (approximate pounds)	2,900		
<b>ELECTRICAL (60Hz) (Dehumidifier fan)</b>	Phase	1	3
	Voltage	230	230   460
	MCA	18	10   5
	MFS	30	15   15

<b>PERFORMANCE WITH NOMINAL 10-TON AIR COOLED CONDENSING UNIT</b>	
Moisture Removal Capacity (lb/h)	92.1
Inlet Air Temperature / Relative Humidity	82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point	77.5°F / 50.6°F
Condensing Unit BTUH (at 95°F ambient)	117,400
Evaporator Temperature (°F)	41°F
Condensing Unit kW	10.95
Dehumidifier kW	1.85
Total Unit kW	12.80
Moisture Removal Efficiency (lb/kWh)	7.20

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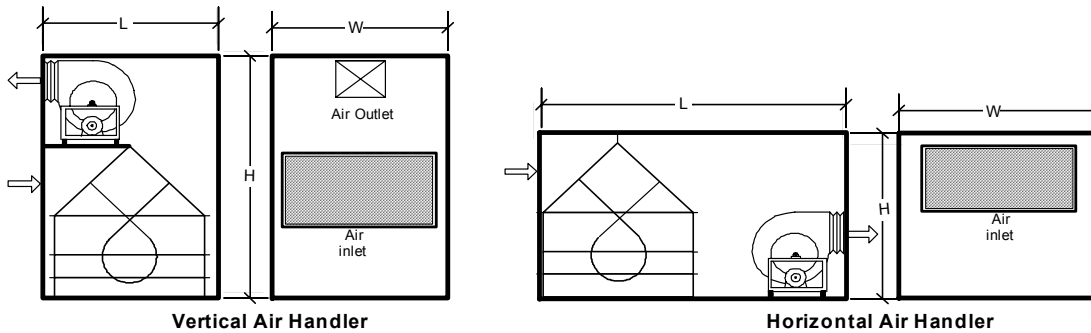


Note: Fan Discharge may be rotated (Consult with factory)

<b>DEHUMIDIFIER MODEL: DRIA-4A28-150A</b>				
Refrigerant / Charge (lb):	R-22 / 23.6			
Air Volume (scfm)	3,920			
External Static Pressure (inches wg)	1.0			
Fan Size	12-12			
Fan HP	5.00			
Fan BHP	3.48			
Fan Speed (rpm)	1,501			
Dimensions Horizontal (inches) L x W x H	100 x 61 x 70			
Dimensions Vertical (inches) L x W x H	62 x 61 x 104			
Weight (approximate pounds)	3,200			
<b>ELECTRICAL (60Hz) (Dehumidifier fan)</b>	Phase	1	3	
	Voltage	230	230	460
	MCA	28	16	8
	MFS	45	25	15

<b>PERFORMANCE WITH NOMINAL 12.5-TON AIR COOLED CONDENSING UNIT</b>	
Moisture Removal Capacity (lb/h)	106.6
Inlet Air Temperature / Relative Humidity	82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point	77.5°F / 50.7°F
Condensing Unit BTUH (at 95°F ambient)	136,000
Evaporator Temperature (°F)	40°F
Condensing Unit kW	13.08
Dehumidifier kW	2.60
Total Unit kW	15.68
Moisture Removal Efficiency (lb/kWh)	6.80

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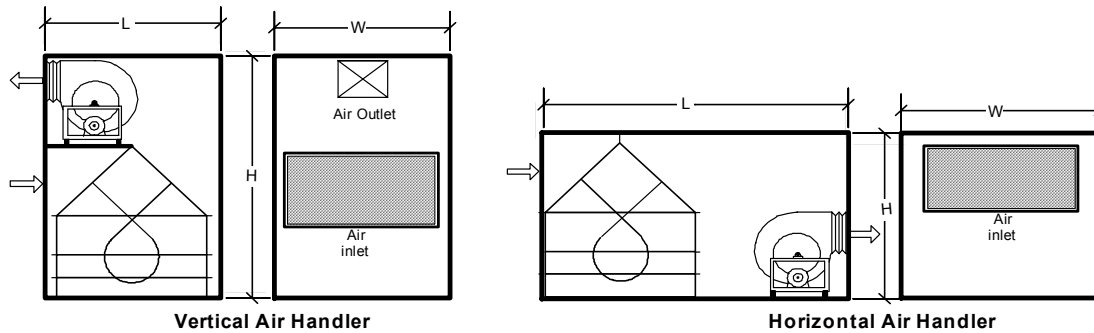


Note: Fan Discharge may be rotated (Consult with factory)

<b>DEHUMIDIFIER MODEL: DRIA-4A32-180A</b>				
Refrigerant / Charge (lb):	R-22 / 30			
Air Volume (scfm)	4,480			
External Static Pressure (inches wg)	1.0			
Fan Size	15-11			
Fan HP	5.00			
Fan BHP	3.72			
Fan Speed (rpm)	1,182			
Dimensions Horizontal (inches) L x W x H	110 x 61 x 74			
Dimensions Vertical (inches) L x W x H	69 x 61 x 111			
Weight (approximate pounds)	3,600			
<b>ELECTRICAL (60Hz) (Dehumidifier fan)</b>	Phase	1	3	
	Voltage	230	230	460
	MCA	28	16	8
	MFS	45	25	15

<b>PERFORMANCE WITH NOMINAL 15-TON AIR COOLED CONDENSING UNIT</b>	
Moisture Removal Capacity (lb/h)	130.5
Inlet Air Temperature / Relative Humidity	82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point	77.5°F / 49.2°F
Condensing Unit BTUH (at 95°F ambient)	164,740
Evaporator Temperature (°F)	39°F
Condensing Unit kW	15.9
Dehumidifier kW	2.78
Total Unit kW	18.68
Moisture Removal Efficiency (lb/kWh)	6.99

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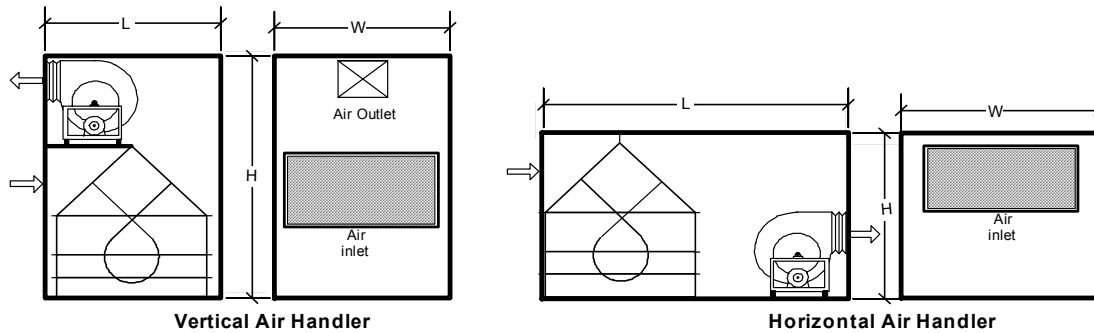


Note: Fan Discharge may be rotated (Consult with factory)

<b>DEHUMIDIFIER MODEL: DRIA-4A48-240A</b>			
Refrigerant / Charge (lb):	R-22 / 40		
Air Volume (scfm)	6,720		
External Static Pressure (inches wg)	1.0		
Fan Size	15-15		
Fan HP	7.50		
Fan BHP	6.03		
Fan Speed (rpm)	1,207		
Dimensions Horizontal (inches) L x W x H	110 x 84 x 74		
Dimensions Vertical (inches) L x W x H	69 x 84 x 111		
Weight (approximate pounds)	4,600		
<b>ELECTRICAL (60Hz) (Dehumidifier fan)</b>	Phase	1	3
	Voltage	230	230   460
	MCA	N/A	25   13
	MFS		45   20

<b>PERFORMANCE WITH NOMINAL 20-TON AIR COOLED CONDENSING UNIT</b>	
Moisture Removal Capacity (lb/h)	180.0
Inlet Air Temperature / Relative Humidity	82°F / 60% Rh
Outlet Air Dry Bulb / Dew Point	77.5°F / 51.1°F
Condensing Unit BTUH (at 95°F ambient)	230,160
Evaporator Temperature (°F)	41°F
Condensing Unit kW	21.59
Dehumidifier kW	4.40
Total Unit kW	25.99
Moisture Removal Efficiency (lb/kWh)	6.92

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