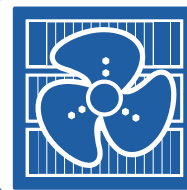


REFPLUS



IDEAL FOR COOLERS ABOVE +34°F

- Dual flow, top mounted
- Capacity from 900 to 3,300 BTU/HR./10°F TD



UDA

IDEAL FOR COOLERS ABOVE +34°F

- Single flow, top mounted
- Capacity from 1,000 to 5,500 BTU/HR./10°F TD



USA

EUROLINE REACH-IN UNIT COOLERS



Certified ISO-9001

UDA - AIR DEFROST

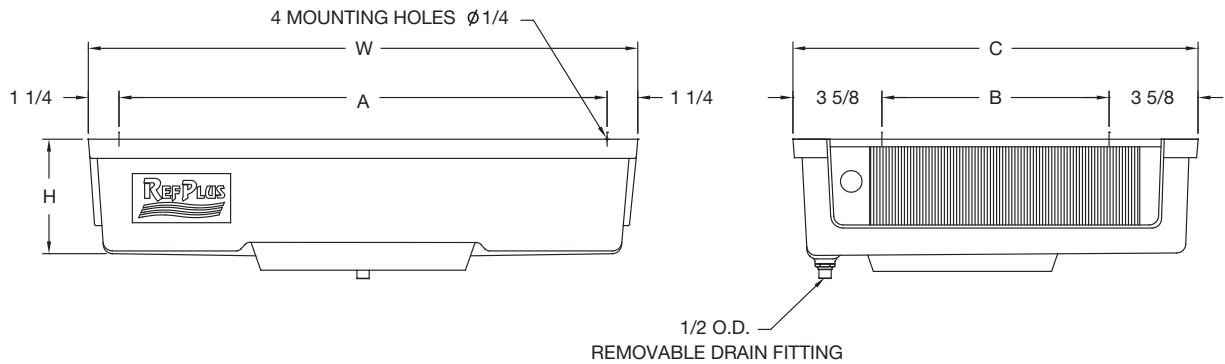
FOR COOLERS ABOVE +34°F

MODEL	CFM	CAPACITY (BTU/HR.)				FAN MOTORS 120V		R-134A OPERATING CHARGE (LB.)
		8°F TD	10°F TD	12°F TD	15°F TD	QTY	FLA	
UDA 090-1	220	720	900	1,080	1,350	1	0.60	0.3
UDA 110-1	200	880	1,100	1,320	1,650	1	0.60	0.5
UDA 130-1	240	1,040	1,300	1,560	1,950	1	0.60	0.5
UDA 150-1	220	1,200	1,500	1,800	2,250	1	0.60	0.6
UDA 180-1	210	1,440	1,800	2,160	2,700	1	0.60	0.8
UDA 230-1	410	1,840	2,300	2,760	3,450	1	0.30	0.7
UDA 280-1	400	2,240	2,800	3,360	4,200	1	0.30	0.9
UDA 330-1	440	2,640	3,300	3,960	4,950	1	0.30	1.2

NOTE:

1. Operating charge is based on 30% liquid, 70% vapor at 25°F suction
2. Use R-134a charge for R-22

3. Use suffix 1 for 120/1/60 and suffix 2 for 240/1/60 power supply
4. Use suffix 2 for 200/220/1/50, multiply capacity by 0.92



MODEL	UNIT DIMENSIONS (INCHES)					CONNECTIONS		R-134A OPERATING CHARGE (LB.)	SHIPPING WEIGHT (LB.)
	W	H	A	B	C	LIQ. F.N.	SUCT. O.D.		
UDA 090	22 1/2	5	20	9 1/4	16 1/2	1/2	3/8	0.3	15.0
UDA 110	22 1/2	5	20	9 1/4	16 1/2	1/2	3/8	0.5	16.0
UDA 130	22 1/2	5	20	9 1/4	16 1/2	1/2	3/8	0.5	16.0
UDA 150	22 1/2	5	20	9 1/4	16 1/2	1/2	3/8	0.6	17.5
UDA 180	22 1/2	5	20	9 1/4	16 1/2	1/2	3/8	0.8	18.5
UDA 230	24 1/8	6	21 5/8	12 1/4	19 1/2	1/2	3/8	0.7	19.0
UDA 280	24 1/8	6	21 5/8	12 1/4	19 1/2	1/2	3/8	0.9	20.0
UDA 330	24 1/8	6	21 5/8	12 1/4	19 1/2	1/2	3/8	1.2	23.0

- Internally equalized expansion valve is required

USA - AIR DEFROST

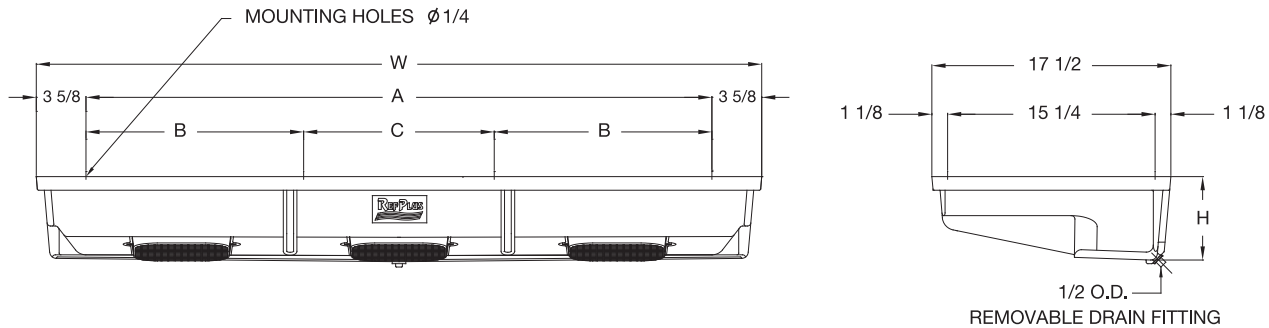
FOR COOLERS ABOVE +34°F

MODEL	CFM	CAPACITY (BTU/HR.)				FAN MOTORS 120V		R-134A OPERATING CHARGE (LB.)
		8°F TD	10°F TD	12°F TD	15°F TD	QTY	FLA	
USA 100-1	215	800	1,000	1,200	1,500	1	0.7	0.4
USA 130-1	205	1,040	1,300	1,560	1,950	1	0.7	0.5
USA 150-1	240	1,200	1,500	1,800	2,250	1	0.7	0.6
USA 180-1	230	1,440	1,800	2,160	2,700	1	0.7	0.8
USA 230-1	430	1,840	2,300	2,760	3,450	2	1.4	0.8
USA 300-1	410	2,400	3,000	3,600	4,500	2	1.4	1.0
USA 450-1	670	3,600	4,500	5,400	6,750	3	2.1	1.5
USA 550-1	660	4,400	5,500	6,600	8,250	3	2.1	1.8

NOTE:

- Operating charge is based on 30% liquid, 70% vapor at 25°F suction
- Use R-134a charge for R-22

- Use suffix 1 for 120/1/60 and suffix 2 for 240/1/60 power supply
- Use suffix 2 for 200/220/1/50, multiply capacity by 0.92



MODEL	UNIT DIMENSIONS (INCHES)					CONNECTIONS		SHIPPING WEIGHT (LB.)
	W	H	A	B	C	LIQ. F.N.	SUCT. O.D.	
USA 100	21 1/2	5 1/8	14 1/4	-	-	1/2	3/8	13.5
USA 130	21 1/2	5 1/8	14 1/4	-	-	1/2	3/8	13.5
USA 150	29 1/2	5 1/8	22 1/4	-	-	1/2	3/8	17
USA 180	29 1/2	5 1/8	22 1/4	-	-	1/2	3/8	18
USA 230	37 1/2	5 1/8	30 1/4	14 1/4	1 3/4	1/2	3/8	19.5
USA 300	37 1/2	5 1/8	30 1/4	14 1/4	1 3/4	1/2	3/8	21.5
USA 450	53 1/4	6 1/8	46	16	14	*1/2	5/8	37
USA 550	53 1/4	6 1/8	46	16	14	*1/2	5/8	39

- Internally equalized expansion valve is required

* Externally equalized expansion valve is required with these models

EUROLINE REACH-IN UNIT COOLERS

APPLICATIONS

UDA and USA Models are for coolers +34°F and above.

SPECIFICATIONS

UDA Models are of a dual coil construction for an equal air distribution on both sides of the unit. The fans draw air upward through the fan guard and discharge it through each evaporator coil.

USA Models are of a single coil construction for an air distribution directed towards the back of the cooler. Fans draw air through the fan guards and discharge it through the evaporator coil on the rear end of the unit.

Coils are manufactured with seamless deoxidized heavy-wall smooth copper tubes and aluminum plate fins. For maximum heat transfer, tubes are mechanically expanded into self-spaced plate fins with full collar for a permanent bond. Connections and bends are brazed with a high-temperature brazing alloy. Coils are factory leak tested at 400 psig and purged with a -40°F dew point dry air. Coils are circuited for HCFC and HFC refrigerants.

The EUROLINE Reach-In Unit Cooler casings are vacuum-formed polymer and heavy-gauge aluminum top with stainless steel or plated hardware for a light weight and corrosion-free assembly. They are provided with a universal thermostat-mounting bracket.

To avoid any risk of sweating, all units are supplied with a double drain pan.

All units are provided with a removable 1/2" O.D. aluminum drain fitting

UDA MODELS

Heavy-duty fan motors are provided for long life and dependable service. These motors are permanently lubricated by extra large oil reservoirs, 30,000 average operating hours, totally enclosed and thermally protected. They are available for 120/1/60 or 208-240/1/60. Note: 208/240/1/60 volt motors can also be used for 200-230/1/50.

Hubless fan blades are stamped aluminum for light weight. Fan assembly is balanced for smooth and vibration-free operation.

USA MODELS

Heavy-duty fan motors are provided for long life and dependable service. These motors are permanently lubricated by a large oil reservoir. They are available for 120/1/60 or 208-240/1/60.

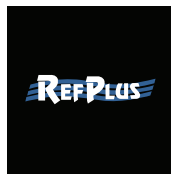
Note: 208/240/1/60 volt motors can also be used for 200-220/1/50.

Fan blades are injection-molded polymers for corrosion protection and for consistency of dimensions.

Fan guards are injection-molded polymers for consistency of dimensions and full protection of moving parts.

All models are provided with a junction box for easier field wiring.

All Reach-In Unit Coolers are of modular design using a minimum number of parts to simplify replacement and to reduce inventory.



Certified ISO-9001