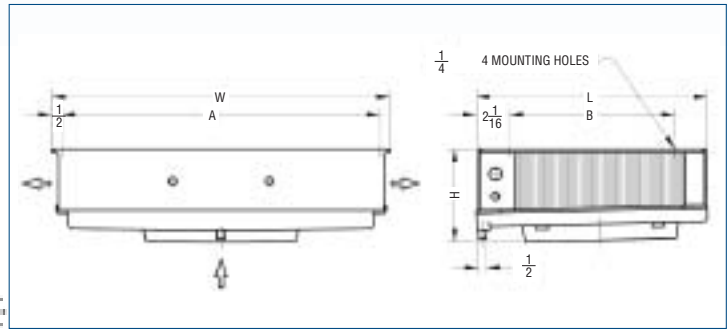


# **REACH-IN UNIT COOLERS**



# TOP MOUNTED SINGLE AND DUAL FLOW UNIT

## RD Series



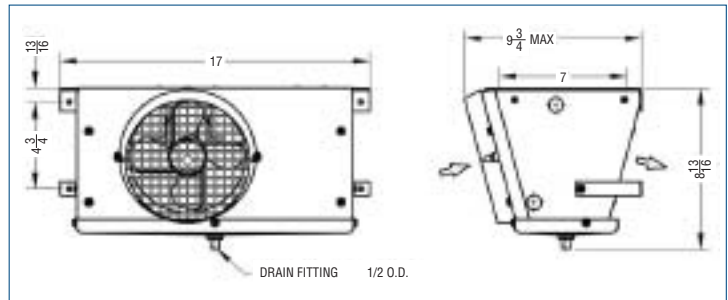
Cooler above 34 °F



### AIR DEFOST

MODEL	CAPACITY BTU/H		FAN DATA		MOTORS 120V AMPS	UNIT SIZE INCHES					CONNECTIONS		R-404A CHARGE LBS	SHIPPING WEIGHT LBS
	10° FTD	15° FTD	DIA	CFM		L	W	H	A	B	LIQ. F.N.	SUCT. O.D.		
<b>RD-09</b>	900	1350	6	150	0.8	14 3/8	21	5 3/4	20	10 1/4	1/2	3/8	0.6	11
<b>RD-11</b>	1100	1650	6	140	0.8	14 3/8	21	5 3/4	20	10 1/4	1/2	3/8	0.7	12
<b>RD-13</b>	1300	1950	8	220	0.8	14 3/8	21	5 3/4	20	10 1/4	1/2	3/8	0.7	12
<b>RD-15</b>	1500	2250	8	185	0.8	14 3/8	21	5 3/4	20	10 1/4	1/2	3/8	1.0	12
<b>RD-18</b>	1800	2700	8	210	0.8	14 3/8	21	5 3/4	20	10 1/4	1/2	3/8	1.1	13
<b>RD-23</b>	2300	3450	10	470	0.8	17 3/8	24	6 3/4	23	13 1/4	1/2	1/2	1.4	15
<b>RD-30</b>	3000	4500	10	410	0.8	17 3/8	24	6 3/4	23	13 1/4	1/2	1/2	2.1	16

## RC Series



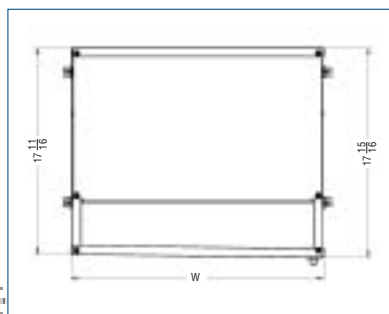
Cooler above 34 °F

### AIR DEFOST

MODEL	CAPACITY BTU/H		FAN DATA			MOTORS 120V AMPS	CONNECTIONS		R-404A CHARGE LBS	SHIPPING WEIGHT LBS
	10° FTD	15° FTD	QTY	DIA	CFM		LIQ. F.N.	SUCT. O.D.		
<b>RC-10</b>	1000	1500	1	6	220	0.8	1/2	3/8	0.3	9
<b>RC-13</b>	1300	1950	1	6	200	0.8	1/2	3/8	0.4	10
<b>RC-15</b>	1500	2250	1	6	190	0.8	1/2	3/8	0.6	11



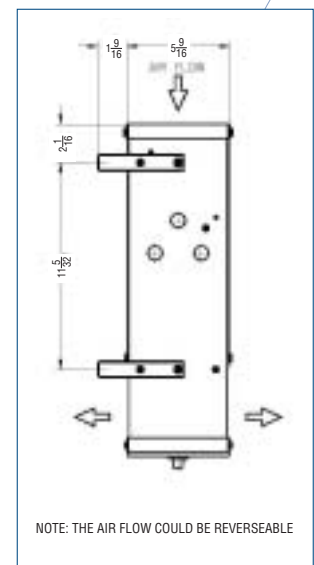
## RM Series



Cooler above 34 °F

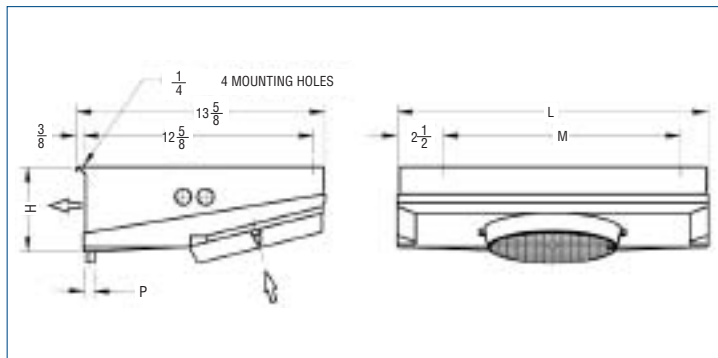
### AIR DEFOST

MODEL	CAPACITY BTU/H		FAN DATA			MOTORS 120V AMPS	UNIT SIZE INCH	CONNECTIONS		R-404A CHARGE LBS	SHIPPING WEIGHT LBS
	10° FTD	15° FTD	QTY	DIA	CFM		W	LIQ. F.N.	SUCT. O.D.		
<b>RM-13</b>	1300	1950	1	6	220	0.8	15 3/4	1/2	3/8	0.4	13
<b>RM-18</b>	1800	2700	1	6	200	0.8	15 3/4	1/2	3/8	0.6	14
<b>RM-23</b>	2300	3450	2	6	385	1.6	21 3/4	1/2	3/8	0.9	17
<b>RM-28</b>	2800	4200	3	6	470	2.4	31 3/4	1/2	3/8	0.9	20



# TOP MOUNTED SINGLE AND DUAL FLOW UNIT

## RS & RSE Series



**Air Defrost / Above 34 °F**  
**Electric Defrost / From -20 °F to 34 °F**



### AIR & ELECTRIC DEFROST, TECHNICAL & PHYSICAL DATA

MODEL	SHIPPING WEIGHT LBS	MODEL	SHIPPING WEIGHT LBS	CAPACITY BTU/H		FAN DATA			UNIT SIZE INCHES				CONNECTIONS		R-404A CHARGE LBS
				10° FTD	15° FTD	QTY	CFM	DIA	L	H*	M	P	LIQ. F.N.	SUCT O.D.	
<b>RS-09</b>	9	<b>RSE-09</b>	11	900	1350	1	180	6	17	4 5/8*	13	1/2	1/2	3/8	0.3
<b>RS-11</b>	10	<b>RSE-11</b>	13	1100	1650	1	170	6	17	4 5/8*	13	1/2	1/2	3/8	0.4
<b>RS-13</b>	11	<b>RSE-13</b>	14	1300	1950	1	160	6	17	4 5/8*	13	1/2	1/2	3/8	0.5
<b>RS-14</b>	12	<b>RSE-14</b>	14	1450	2175	1	295	6	26	4 5/8*	22	1/2	1/2	3/8	0.6
<b>RS-18</b>	13	<b>RSE-18</b>	15	1800	2700	1	240	6	26	4 5/8*	22	1/2	1/2	3/8	0.7
<b>RS-23</b>	19	<b>RSE-23</b>	21	2300	3450	2	345	6	34 1/2	4 5/8*	30 1/2	5/8	1/2	3/8	0.8
<b>RS-27</b>	20	<b>RSE-27</b>	22	2750	4125	2	365	6	34 1/2	4 5/8*	30 1/2	5/8	1/2	3/8	1.0
<b>RS-33</b>	22	<b>RSE-33</b>	24	3300	4950	2	435	6	34 1/2	5 5/8*	30 1/2	5/8	1/2	3/8	1.1
<b>RS-43</b>	29	<b>RSE-43</b>	31	4350	6525	3	750	6	51 1/2	5 5/8*	47 1/2	5/8	1/2	1/2	1.4
<b>RS-53</b>	33	<b>RSE-53</b>	35	5300	7950	3	625	6	51 1/2	5 5/8*	47 1/2	5/8	1/2	1/2	2.1

**NOTE: RSE unit are 3/8 inch higher for heater(s)**

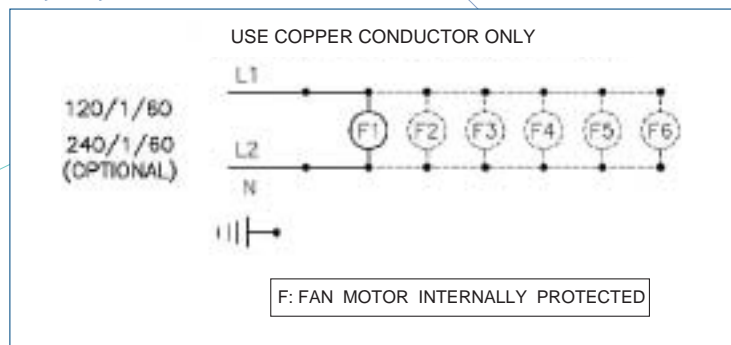
### ELECTRICAL DATA

MODEL	MOTORS DATA AMPS		HEATERS (RSE ONLY)		
	120V	240V	WATTS	AMPS	
				120V	240V
<b>RS(E)-09</b>	0.8	0.4	450	3.9	N/A
<b>RS(E)-11</b>	0.8	0.4	450	3.9	N/A
<b>RS(E)-13</b>	0.8	0.4	450	3.9	N/A
<b>RS(E)-14</b>	0.8	0.4	600	5.2	N/A
<b>RS(E)-18</b>	0.8	0.4	600	5.2	N/A
<b>RS(E)-23</b>	1.6	0.8	900	7.8	3.9
<b>RS(E)-27</b>	1.6	0.8	900	7.8	3.9
<b>RS(E)-33</b>	1.6	0.8	900	7.8	3.9
<b>RS(E)-43</b>	2.4	1.2	1200	10.4	5.2
<b>RS(E)-53</b>	2.4	1.2	1200	10.4	5.2

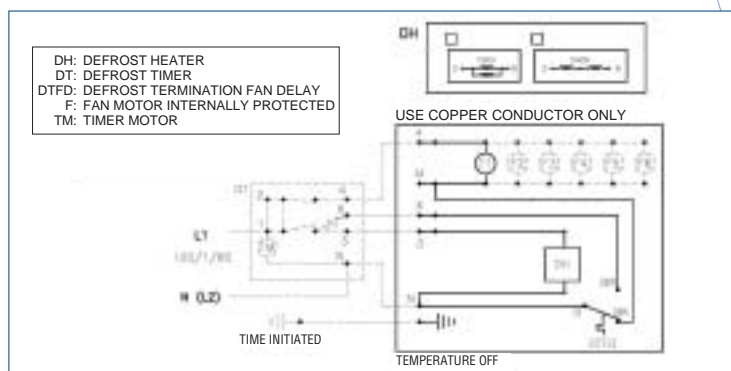
**NOTE: RSE-09 to 18 are not available in 240 V**

### Wiring Diagram

**RC, RD, RM & RS: Air Defrost**



**RSE: Electric Defrost**

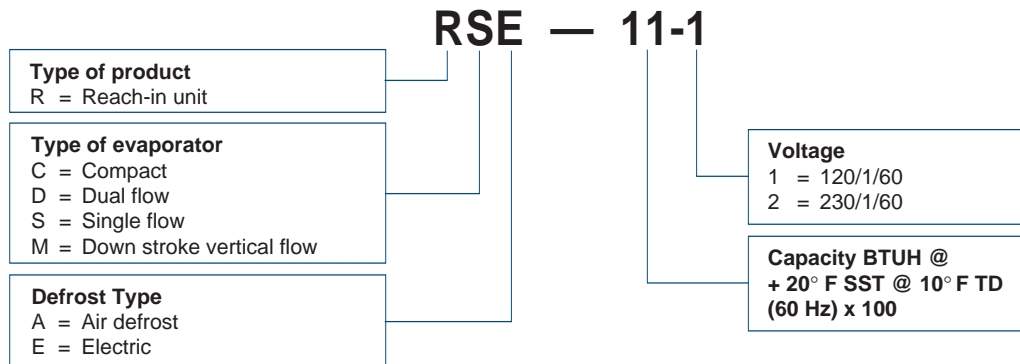


### FOR ALL UNIT COOLER

- Add suffix "1" to model number for 120/1/60, suffix "2" for 230/1/60
- Operating refrigerant charges are based on 30% liquid, 70% vapor at 25° F SST
- Multiply R404A refrigerant charge by 1.09 if R-22 or R-134A is used
- For 50 Hz derate tabulated capacity by 12%



## Model Nomenclature



## Standard feature

All units have a compact low profile casing to allow maximum cabinet space for product. **RD** and **RS** casings are heavy gage aluminum painted white with easily removable injection molded polymer drain pan in which the fan opening is shaped as a venturi to ensure optimum air circulation, the 1/2 O.D. polymer drain fitting is formed into the back of the drain pan for positive condensate removal and leak free lifetime. Stainless steel hardware is used for a corrosion free assembly.

**RC** and **RM** series have a heavy gage textured aluminum cabinet and drain pan with a 1/2 removable aluminum drain fitting. The standard RM unit is downflow air discharge but can be easily reversed in the field to suit the application.

**RSE** series casing and drain pan are heavy gage aluminum painted white with a 1/2" removable aluminum drain fitting.

**RSE** are supplied with a factory wired fan-delay, defrost termination thermostats and stainless steel heaters.

State of the art evaporator coil is made of smooth copper tube mechanically expanded into self-spaced aluminum plate fins for permanent bond and maximum heat transfer. All coils are leak tested at 400 PSIG.

Permanently lubricated and thermally protected motors are provided for long life and dependable service.

Injection molded polymer fan guards are provided for consistency of dimension and corrosion protection.

Casing allows total accessibility to expansion valve and electrical connections. All units are suitable for internally equalized expansion valves.

**Option:** • Copper fin coil • Coated coil



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