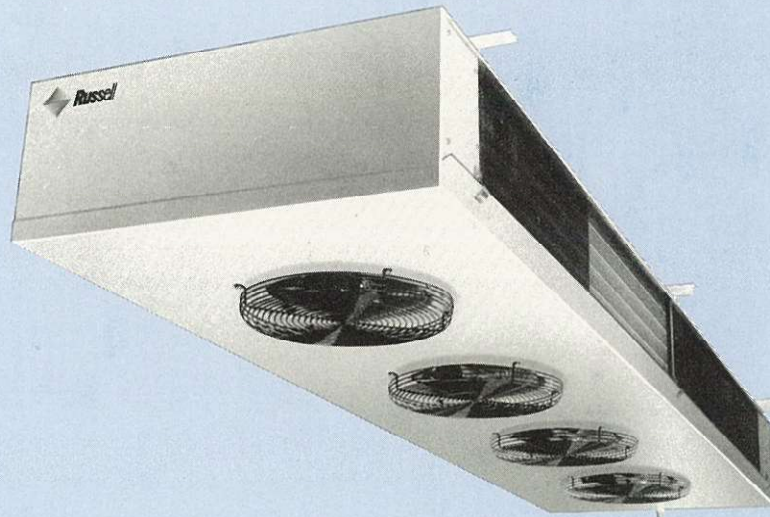


## Low Velocity Unit Coolers

Technical Bulletin No. 110.4  
October 1991



### Features

#### ■ Applications

The Flow-Temp low velocity unit coolers are ideally suited for meat cutting, holding and packaging rooms, fruit and vegetable storage rooms and florist boxes.

#### ■ Sizes

There are 7 sizes available, ranging in capacity from 6,700 BTUH to 26,500 BTUH @ 10° TD.

#### ■ Housing

Rust-Free heavy gauge textured aluminum is standard. Optionally available with White Baked Enamel Coating.

#### ■ Coil

Seamless copper tubes are staggered and mechanically expanded into heavy gauge corrugated aluminum fins to assure maximum heat transfer. Optionally available with copper or phenolic coated fins. (Consult Factory.)

#### ■ Motors/Fans

Fan motor and blade can be easily accessed by removing hinged drain pan. Motors are life lubricated and widely sold over the counter. Fan blades are made out of aluminum and manufactured by Russell.

#### ■ Electrical

Available in 115v and 208/230v. All components are factory wired to convenient screw-type terminal strips. All models are UL listed.

#### ■ Air Defrost

All models are available with air defrost and are designed for use in 35° room and above. Complete air defrost systems for off cycle or timed air defrost are available from Russell.

#### ■ Electric Defrost

All models available with electric defrost and designed for use in 28° rooms and above. (See Russell defrost bulletin ED for details.)

#### ■ Hot Gas Re-Evap Defrost

Available on all models. Includes heat exchanger-accumulator and hot gas circuit in drain pan. (See hot gas technical bulletin for details.)

#### ■ Hot Gas Reverse Cycle Defrost

Available on all models. Includes hot gas circuit in drain pan and check valve between coil and pan (See hot gas technical bulletin for details.)

## Performance Specifications / Data

Model No.	BTUH Capacity 10° TD +25° ST	CFM	Fans		H.P.	Motor RPM	Motor Amps 1 Ph		Electric Defrost			
			No.	Size			Watts		230v		Amps	Phase
							115v	230v				
FL 26-67	6,700	1050	2	1020	9w	1550	1.2	.6	3940	17.2	1	
FL 36-100	10,000	1220	3	1020	9w	1550	1.8	.9	5960	22.4	3	
FL 36-135	13,500	1670	3	1020	16w	1550	3.3	1.65	5960	22.4	3	
FL 36-160	16,000	1820	3	1031	16w	1550	3.3	1.65	5960	22.4	3	
FL 46-180	18,000	2230	4	1020	16w	1550	4.4	2.2	8060	30.4	3	
FL 46-220	22,000	2420	4	1031	16w	1550	4.4	2.2	8060	30.4	3	
FL 46-265	26,500	2420	4	1031	16w	1550	4.4	2.2	8060	30.4	3	

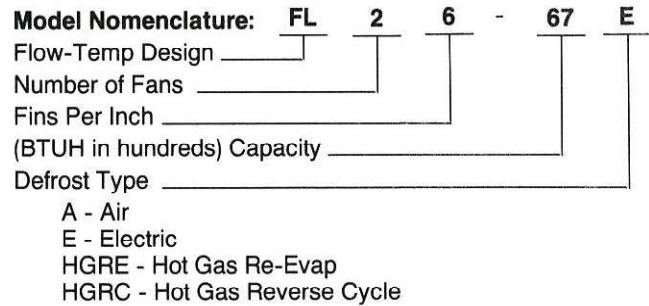
1. Fan Blade Nomenclature 10 - 10" Dia, 20 - pitch.

### Ordering Information Required:

1. Model number
2. Type of defrost
3. Electrical characteristics (voltage, frequency, phase)
4. Refrigerant type
5. Suction temperature
6. Evaporator T.D.

### NOTE:

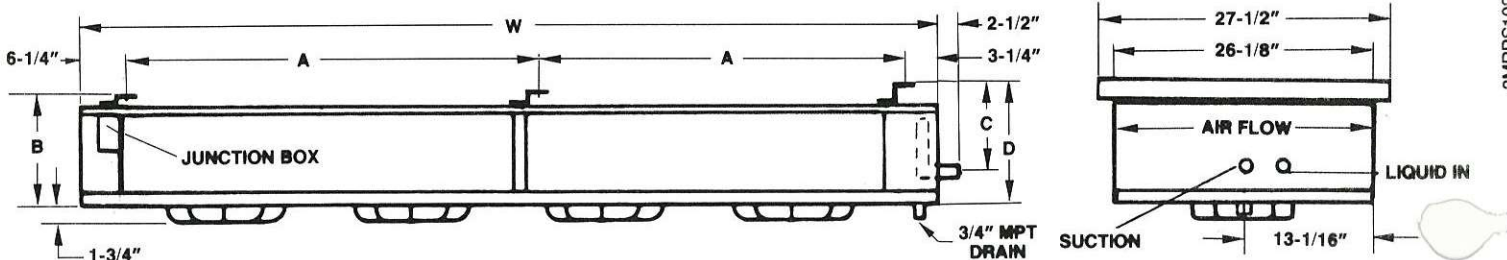
Air defrost suitable for 35°F room temp. and above.  
Electric and Hot Gas defrost suitable for 28°F room temp. and above.



## Physical Data

Model No.	No. Fans	No. Hangers	Dimensions					Connections <sup>1</sup>		Ship. Wt. Lbs.
			A	B	C	D	W	Liquid F.N.	Suction O.D.M.	
FL 26-67	2	2	49	8	8½	6½	58½	½	⅞	155
FL 36-100	3	3	36½	8	9	7	82½	½	⅞	205
FL 36-135	3	3	36½	11	12	10⅞	82½	½	1⅞	265
FL 36-160	3	3	36½	11	12	10⅞	82½	½	1⅞	285
FL 46-180	4	3	48½	11	12	10⅞	106½	½	1⅞	325
FL 46-220	4	3	48½	11	12	10⅞	106½	½	1⅞	340
FL 46-265	4	3	48½	14	15	13	106½	½	1⅞	370

<sup>1</sup>All models require externally equalized TXV.



3MRPS1091