

Installation Addendum

Model CM* Medium Profile Units

Type	Number of Fans	Distributor Tube (in.)		Model	# Circuits	R-404A ¹ Nozzle	R-22 Nozzle
		OD	Length				
Air Defrost	1	3/16	21-1/2	130	3	L-1	L-3/4
				155	5	L-1	L-3/4
	2	3/16	21-1/2	245	9	G-2-1/2	G-1-1/2
				300	9	G-2-1/2	G-1-1/2
	3	3/16	21-1/2	365	9	G-3	G-2
				450	12	E-4	E-2-1/2
	4	3/16	21-1/2	510	13	E-5	E-3
				600	18	E-5	E-3
	5	3/16	21-1/2	710	18	E-6	E-4
Electric Defrost	1	3/16	21-1/2	101	5	L-1-1/2	L-3/4
				100/140	6	L-1-1/2	L-1
	2	3/16	21-1/2	165 / 190	9	G-2-1/2	G-1-1/2
				220 / 260	12	E-3	E-2
	3	3/16	21-1/2	250 / 310	13	E-4	E-2-1/2
				330 / 390	18	E-5	E-3
	4	3/16	21-1/2	370 / 430	13	E-5	E-3
				440 / 520	18	E-6	E-4
	5	3/16	21-1/2	530 / 620	18	E-8	E-5
Hot Gas Defrost	2	1/4	19-1/2	165 / 190	9	E-3	E-1-1/2
	2	1/4	21-1/2	220 / 260	12	E-4	E-2-1/2
	3	3/16	21-1/2	250 / 310 ²	13	E-4	E-2-1/2
				330 / 390 ²	18	E-5	E-3
	4	3/16	21-1/2	370 / 430 ²	13	E-5	E-3
				440 / 520 ²	18	E-6	E-4

¹ also suitable for R-507, R-502, R-134a, R-401A, R-402A.

² Selections revised 10/07.

Nozzles sized for 90° - 100° F. liquid temp. at expansion valve. Refer to Installation and Operation manual if liquid temp. is not 90° - 100° F.

Consult factory or representative if evaporator TD is not 10° - 15° F., (room temp. - saturated suction temp.). Consult factory or representative for electric and hot gas defrost models when used at a saturated suction temperature greater than 0° F.

CAUTION: REFRIGERATION SYSTEM WILL NOT PERFORM PROPERLY WITHOUT CORRECT NOZZLE!

Replacement Parts

Motor / Fan Blade / Guards

Part Number	Description
5020-S	Motor 115 V
5020-T	Motor 208-230 V
4567-T	Motor 208-230V, totally enclosed
25302201	Motor 460 V
25304601 *	Motor 460 V Low Temp, totally enclosed
25308101 *	Motor 208-230 V Low Temp, totally enclosed
5599-M	Run Capacitor (5 MFD), used with most motors
5779-G	Run Capacitor (7.5 MFD), used with 25304601 motor only
5064-E	Motor Mount
5130-C	Fan Blade
5054-F	Fan Guard, Molded Gray
23101801	Fan Guard, Black Wire

*special motors to be used in room ambients of -31° to -55° F

Coil Defrost Heaters (Four per unit)

208-230/460 V

Part Number	Description
24710201	1 fan unit, 550 W
24710202	2 fan unit, 1100 W
24710203	3 fan unit, 1600 W
24710204	4 fan unit, 2100 W
24710205	5 fan unit, 2400 W
23308001	Heater Clip (with 1-3 fans)
23308101	Heater Clip (with 4-5 fans)

Electrical Components

Part Number	Description
2891040	Room thermostat
5709-L	Defrost termination and fan delay thermostat, sealed bi-metal type
2890109	Defrost termination and fan delay thermostat, adjustable type
5708-L	Heater limit thermostat

Drain Pan Defrost Heater (One per unit)

Part Number	Description	Voltage	Color Code
24710301	1 fan unit, 530 W	208-230 V	Black
24710302	2 fan unit, 950 W	208-230 V	Black
24710303	3 fan unit, 1350 W	208-230 V	Black
24710304	4 fan unit, 1800 W	208-230 V	Black
24710305	5 fan unit, 2000 W	208-230 V	Black
24710401	1 fan unit, 530 W	460 V	Red
24710402	2 fan unit, 950 W	460 V	Red
24710403	3 fan unit, 1350 W	460 V	Red
24710404	4 fan unit, 1800 W	460 V	Red
24710405	5 fan unit, 2000 W	460 V	Red
24710502	2 fan unit, 950 W	115 V	Black, White
24710503	3 fan unit, 1350 W	115 V	Black, White
24710504	4 fan unit, 1800 W	115 V	Black, White

Cabinet Components

Part Number	Description	Number of Fans
40491902	Drain Pan*	1
40492102	Drain Pan*	2
40492302	Drain Pan*	3
40492502	Drain Pan*	4
40492702	Drain Pan*	5
40830101	Header Side Panel	1 - 5
40830201	Electrical Side Panel	1 - 5
40830901	Header Connection Panel	1 - 5
92864003	Drain Fitting	-

*Includes provisions to mount drain pan heater.



A Brand of Heatcraft Refrigeration Products, LLC

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Since product development is a continuous process, we reserve the right to make changes in specifications without notice.

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