

ORC SERIES  
OUTDOOR AIR-COOLED  
REMOTE CONDENSERS

STANDARD FEATURES

- TEFC PERMANENTLY LUBRICATED MOTOR
- COMPUTER DESIGNED CONDENSER COILS
- FULL-FLOODING SYSTEM (-20 F CAPABILITY)
- BELT DRIVEN BLOWER WITH SEALED-FOR-LIFE BEARINGS



**WHY A REMOTE CONDENSER**

The DCA Dehumidification system performs functions other than dehumidification. When dehumidifiers operate they discharge warm dry air to the conditioned space. During the cold months this heating can go a long way in helping to produce a warm and comfortable room environment. When this heating is not desirable or cannot be directed to an area where it is needed, the DCA Remote Condenser provides the solution.

allows the dehumidifier to discharge cool dry air to the conditioned space. An automatic changeover room thermostat (optional) controls the room temperature. Normally the Remote Condenser is located outdoors and is connected to the dehumidifier by two copper freon lines. Because of advanced technology, the Remote Condenser can be operated under conditions as extreme as -20°F.

**THE REMOTE CONDENSER SOLUTION**

During the warm months or when the dehumidified space becomes over-heated, a DCA Remote Condenser is needed. The Remote Condenser

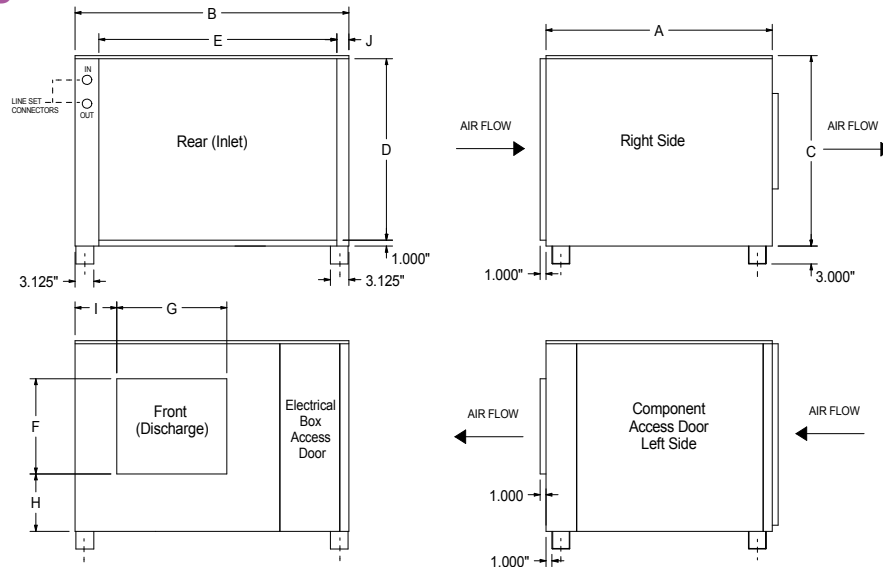
ORC SERIES CONDENSER SELECTION GUIDE

Dehumidifier Model No.	Line Size (O.D.)		Ambient Model		
	Supply (Hot Gas)	Return (Liquid)	95°F	100°F	105°F
DCA 650A / AWH / AV / AVWH	5/8"	3/8"	ORC-090	ORC-090	ORC-090
DCA 900A / AWH / AV / AVWH	5/8"	3/8"	ORC-090	ORC-090	ORC-140
DCA 1500A / AWH / AV / AVWH	3/4"	1/2"	ORC-140	ORC-200	ORC-200
DCA 2000A / AWH / AV / AVWH	3/4"	1/2"	ORC-200	ORC-200	ORC-300
DCA 2500A / AWH / AV / AVWH	7/8"	1/2"	ORC-250	ORC-300	ORC-330
DCA 3000A / AWH / AV / AVWH	7/8"	5/8"	ORC-300	ORC-330	N/A
DCA 3300A / AWH / AV / AVWH	7/8"	5/8"	ORC-300	N/A	N/A
DCA 3500A / AWH / AV	1 1/8"	5/8"	ORC-330	N/A	N/A
DCA 3600A / AWH / AV / AVWH	1 1/8"	5/8"	ORC-330	N/A	N/A

## ORC SERIES

### OUTDOOR AIR-COOLED REMOTE CONDENSERS

#### DIAGRAMS



#### DIMENSIONS IN INCHES

Condenser Model	A	B	C	D	E	F	G	H	I	J	Shipping Weight
ORC-090	30	45	25	20.5	28	13.5	15.625	5.5	10	2	235
ORC-140	30	45	25	20.5	28	13.5	15.625	5.5	10	2	260
ORC-200	30	45	25	22.5	40	13.5	15.625	5.5	10	2	260
ORC-250	30	45	25	22.5	40	13.5	15.625	5.5	10	2	320
ORC-300	38	46	32	30.5	40	16	18.5	8	7	2	350
ORC-330	38	46	32	30.5	40	16	18.5	8	7	2	350

#### BLOWER AND MOTOR DATA

		ORC-090	ORC-140	ORC-200	ORC-250	ORC-300	ORC-330
Blower Horsepower		0.5	0.5	1	1.5	1	1.5
FLA 60Hz	208/230 - 1 PH	3.8	3.8	6.4	8.8	6.4	8.8
	208/230 - 3 PH	2	2	3.8	5	3.8	5
	460 - 3 PH	1	1	1.9	2.5	1.9	2.5
Minimum Ampacity	208/230 - 1 PH	4.75	4.75	8	11	8	11
	208/230 - 3 PH	2.5	2.5	4.75	6.25	4.75	6.25
	460 - 3 PH	1.25	1.25	2.375	3.125	2.375	3.125
Max Fuse Size	208/230 - 1 PH	7	7	12	15	12	15
	208/230 - 3 PH	4	4	7	9	7	9
	460 - 3 PH	2	2	4	5	4	5
CFM		1500	2000	2800	3200	3900	4600
Blower Size		12"	12"	12"	12"	15"	15"
M.B.H.@ 30 DIFF.		43.6	53.6	81.9	89.8	114.2	127.6