

ORC SERIES OUTDOOR AIR-COOLED REMOTE CONDENSERS

STANDARD FEATURES

- TEFC PERMANENTLY LUBRICATED MOTOR
- COMPUTER DESIGNED CONDENSER COILS
- BELT DRIVE BLOWER WITH SEALED-FOR-LIFE BEARINGS
- FULL FLOODING SYSTEM MINUS 20° FAHRENHEIT



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 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.

automatic change-over 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

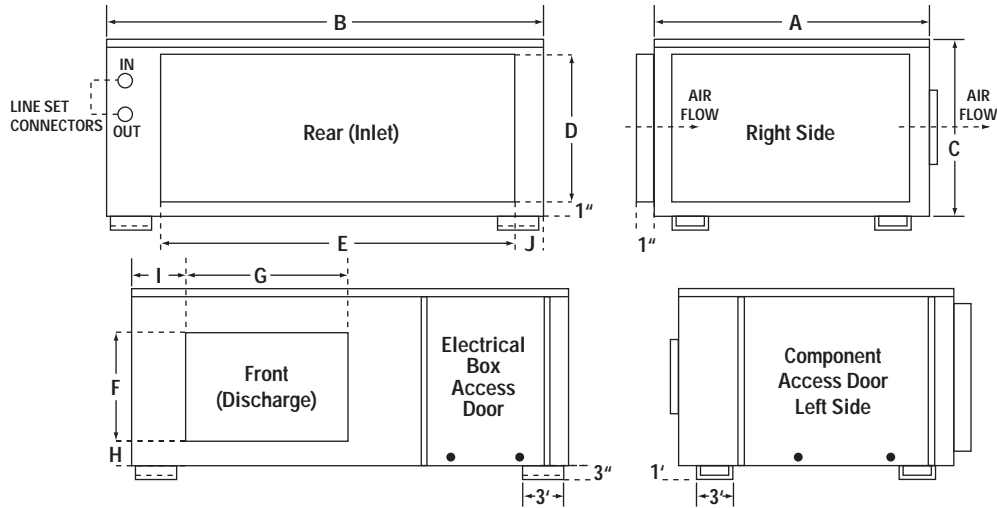
During the warm months or when the dehumidified space becomes over-heated, a DCA Remote Condenser is needed. The Remote Condenser allows the dehumidifier to discharge cool dry air to the conditioned space. An

ORC SERIES CONDENSER SELECTION GUIDE

DCA MODEL NUMBER	H.P.	LINE SETS (O.D.)		AMBIENT MODEL			MBH
		SUPPLY	RETURN	95°F	100°F	105°F	
DCA500/500WH	1.5	5/8"	3/8"	ORC-050	ORC-090	ORC-090	22.41
DCA900/DCA900WH	2	5/8"	3/8"	ORC-090	ORC-140	ORC-200	32.51
DCA1400/DCA1400WH	3	5/8"	1/2"	ORC-140	ORC-200	ORC-200	44.56
DCA2000/DCA2000WH	4	5/8"	1/2"	ORC-200	ORC-250	ORC-300	62.25
DCA2500/DCA2500WH	5	7/8"	1/2"	ORC-250	ORC-300	LORC-10	77.61
DCA3000/DCA3000WH	6	7/8"	5/8"	ORC-300	ORC-330	LORC-12	86.23
DCA3300/DCA3300WH	7.5	7/8"	5/8"	ORC-330	LORC-10	LORC-12	110.18
DCA3500/DCA3500WH	7.5	7/8"	5/8"	ORC-330	LORC-10	LORC-12	110.18

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DIAGRAMS



DIMENSIONS IN INCHES

CONDENSER MODEL #	A	B	C	D	E	F	G	H	I	J	SHIPPING WEIGHT(LBS)
ORC-050	25	28	22	20	22	10.25	9.25	5.5	4.65	2	155
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-050	ORC-090	ORC-140	ORC-200	ORC-250	ORC-300	ORC-330
BLOWER HORSEPOWER		1/2	1/2	1/2	1	1.5	1.5	1.5
FLA 60 HZ	208/230 - 1 PH	4.4	4.4	4.4	6.4	8.6	8.6	8.6
	208/230 - 3 PH	N/A	2	2	3.4	4.6	4.6	4.6
	460 3 PH	N/A	1	1	1.7	2.3	2.3	2.3
	575 3 PH	N/A	N/A	N/A	1.4	1.9	1.9	1.9
MINIMUM AMPACITY	208/230 - 1 PH	5.5	5.5	5.5	8	10.75	10.75	10.75
	203/230 - 3 PH	N/A	2.5	2.5	4.2	5.75	5.75	5.75
	460 3 PH	N/A	1.25	1.25	2.1	2.9	2.9	2.9
	575 3 PH	N/A	N/A	N/A	1.75	2.2	2.2	2.2
MAX FUSE SIZE	208/230 - 1 PH	10	10	10	14	15	15	15
	208/230 - 3 PH	N/A	5	5	8	8	8	8
	460 3 PH	N/A	3	3	4	4	4	4
	575 3 PH	N/A	N/A	N/A	4	4	4	4
C.F.M.		1200	1600	2300	3200	4000	5000	5000
BLOWER SIZE		10"	12"	12"	12"	12"	15"	15"
BLOWER R.P.M.		590	428	582	591	731	563	554
MBH @ 25 DIFF.		22.412	32.506	41.263	62.248	77.609	89.825	98.378
MBH @ 30 DIFF.		26.894	39.007	49.515	74.697	86.232	107.79	118.053

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