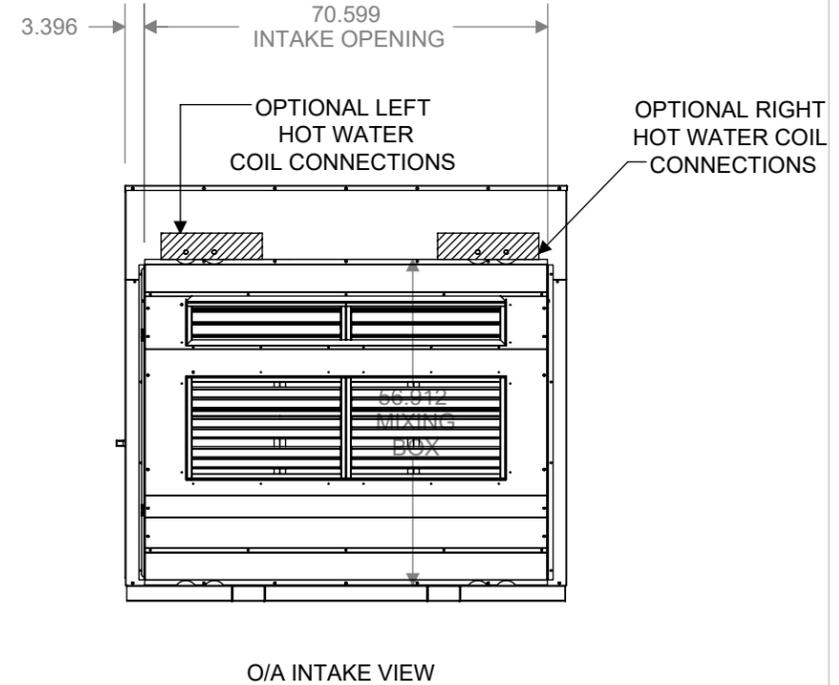
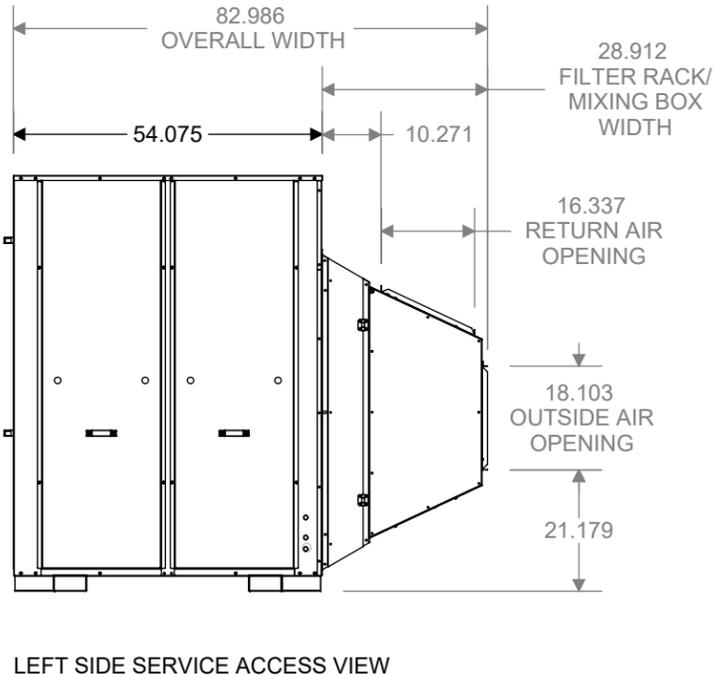
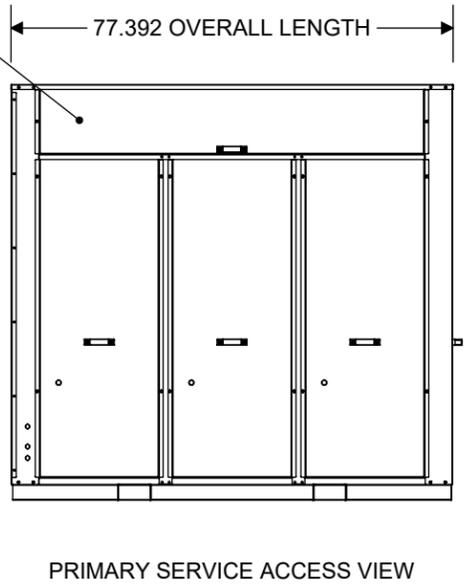
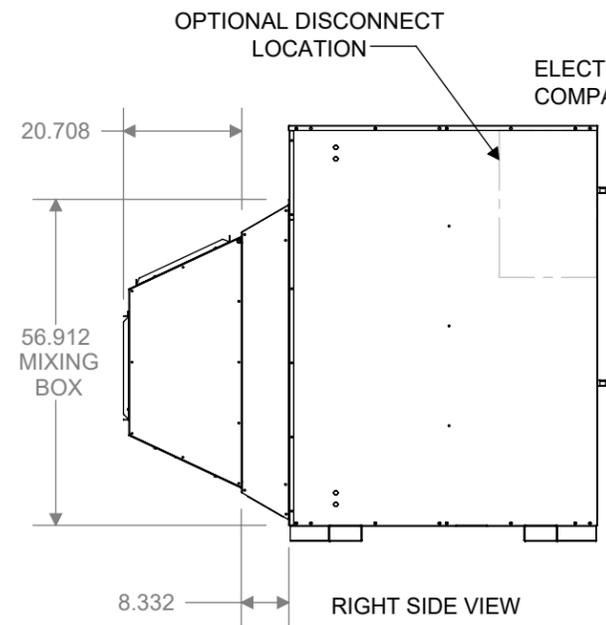
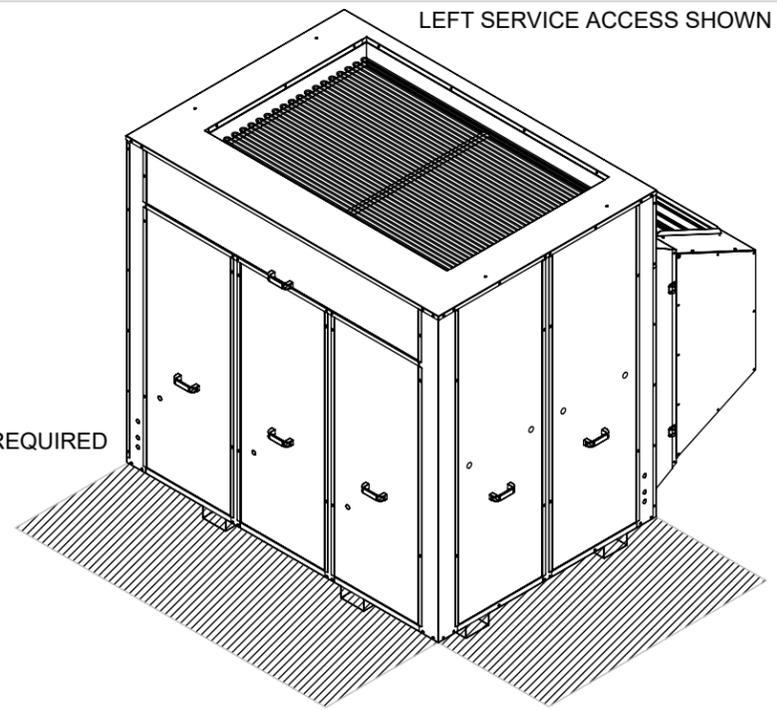


FILTERS					
UNIT SIZE (TONNAGE)	4" MERV 11	4" MERV 13	NOM WIDTH	NOM HEIGHT	QTY
20-30	870-103	870-131	20	24	3
	870-108	870-130	24	24	3



TONNAGE	WEIGHT
20	2898
25	3072
30	3215

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All Dimensions in Inches  
 All Angles 90°  
 All outside corners 0.125" fillet  
 Unless Otherwise Specified

Tolerance Unless Otherwise Specified  
 X.X ±.125  
 X.XX ±.060  
 X.XXX ±.030  
 Angles ±1°

DESERT AIRE  
 N120 W18485 FREISTADT RD  
 GERMANTOWN, WI 53022  
 Tel: (262) 946-7400  
 Fax: (262) 946-7401

Drawn SK Date Released 10/27/2008 Description VerticalAire 20T w / MIXBOX  
 Sheet 1/3 Page Title GENERAL ASSEMBLY  
 Scale NTS Rev. 5 Drawing Number VerticalAire 20-30 Ton w-Mixing Box

Third Angle Projection  
 Part weight

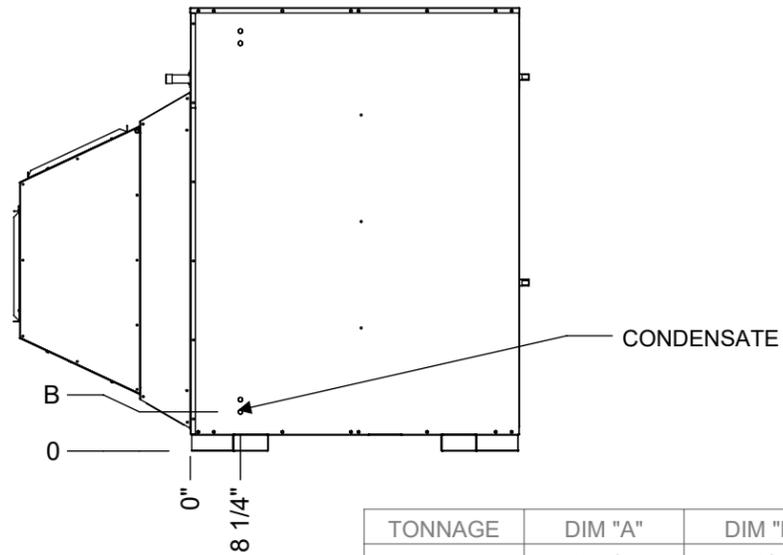
ALL DIMENSIONS ARE IN INCHES  
 TOLERANCE ± 1/8"

# UNITS SELECTED WITH LEFT SERVICE ACCESS ONLY

SEE PAGE 3 FOR RIGHT HAND SERVICE

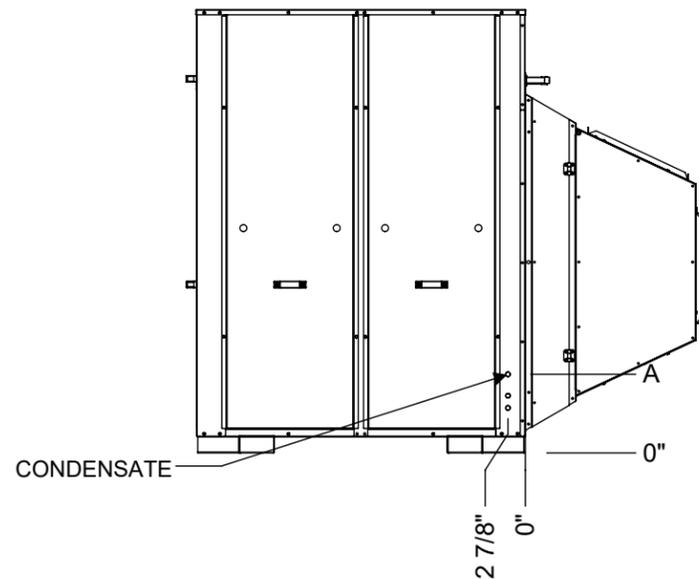
## CONDENSATE

RIGHT CONDENSATE OPTION  
RIGHT SIDE VIEW



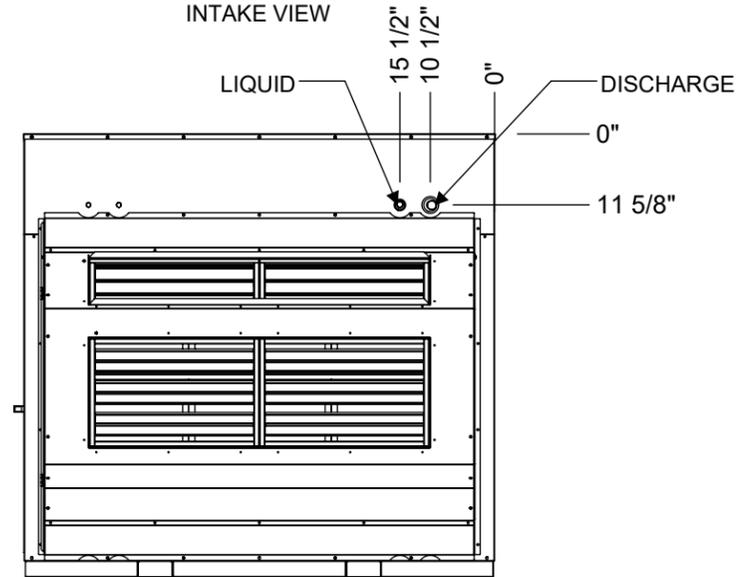
TONNAGE	DIM "A"	DIM "B"
20	12 7/8"	8 1/2"
25	9 3/8"	8 1/2"
30	7 3/8"	6 1/2"

LEFT CONDENSATE OPTION  
LEFT SIDE VIEW

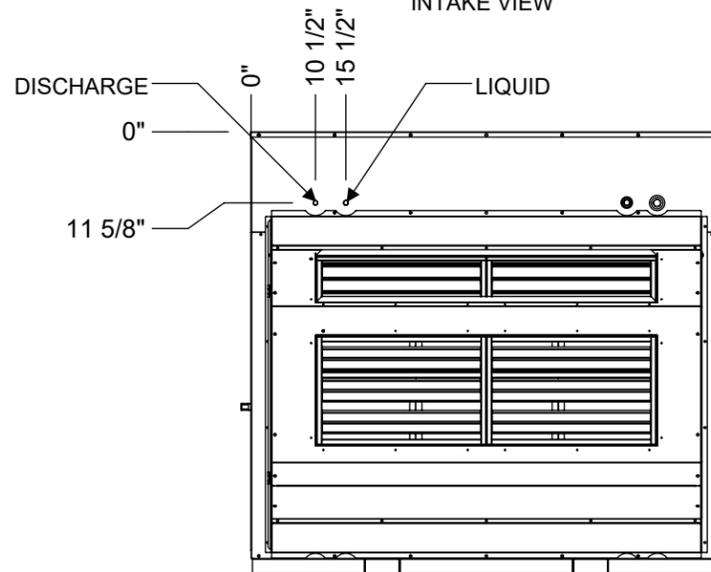


## REMOTE CONDENSER

RIGHT REMOTE CONDENSER OPTION  
INTAKE VIEW



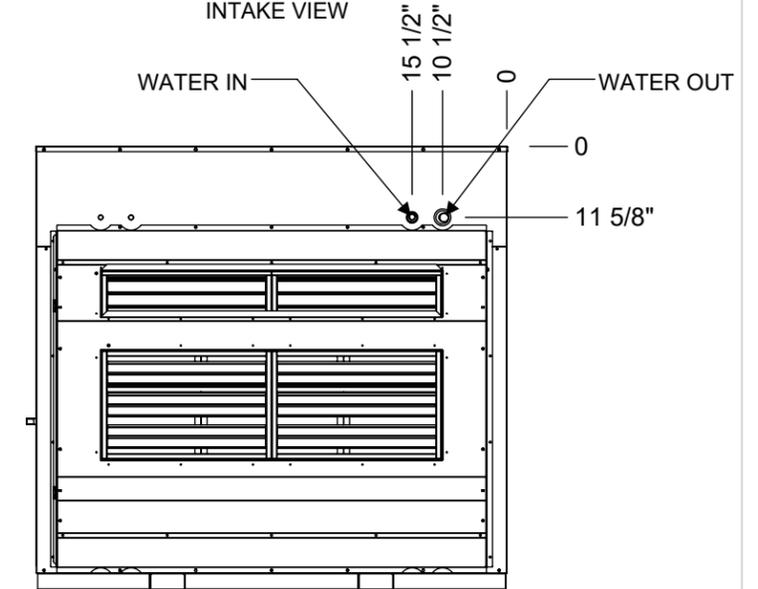
LEFT REMOTE CONDENSER OPTION  
INTAKE VIEW



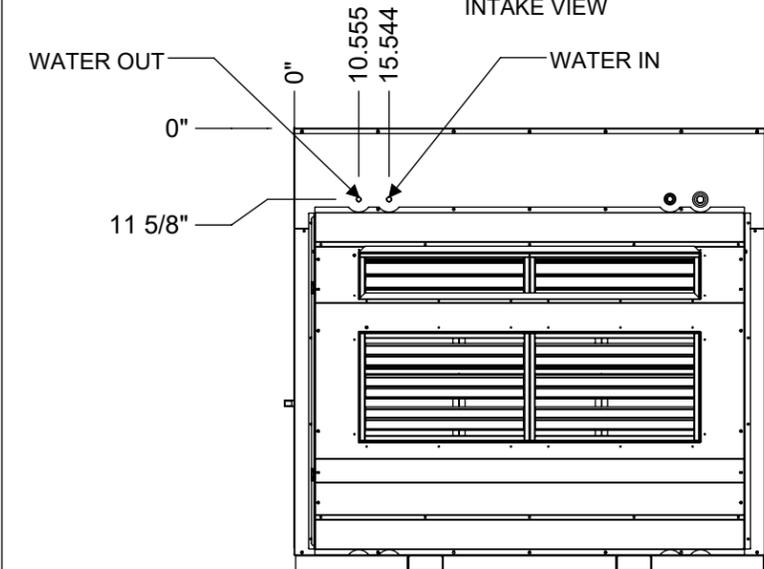
## WATER PIPING



RIGHT WATER PIPING OPTION  
INTAKE VIEW



LEFT WATER PIPING OPTION  
INTAKE VIEW



UNIT SIZE	OPTIONAL WATER COOLED AND Q-PUMP HEAT EXCHANGER CONNECTIONS		OPTIONAL REMOTE CONDENSER CONNECTIONS		CONDENSATE DRAIN CONNECTION
	INLET	OUTLET	DISCHARGE	LIQUID RETURN	OUTLET
TONS					
20	2 5/8 OD	2 5/8 OD	1 3/8" OD	7/8" OD	1" ID
25	2 5/8 OD	2 5/8 OD	1 5/8" OD	1 1/8" OD	1" ID
30	2 5/8 OD	2 5/8 OD	1 5/8" OD	1 1/8" OD	1" ID

WATER PIPING FOR WATER COOLED CONDENSERS. SEE PAGE 1 FOR HOT WATER COIL CONNECTIONS

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ALL DIMENSIONS ARE IN INCHES  
TOLERANCE ± 1/8"

All Dimensions in Inches  
All Angles 90°  
All outside corners 0.125" fillet  
Unless Otherwise Specified

Third Angle Projection

Part weight

Tolerance Unless Otherwise Specified  
X.X ±.125  
X.XX ±.060  
X.XXX ±.030  
Angles ±1°

Drawn SK Date Released 10/27/2008

Sheet 2/3

Scale NTS Rev. 5



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Description VerticalAire 20T w / MIXBOX

Page Title LH SERVICE CONNECTIONS

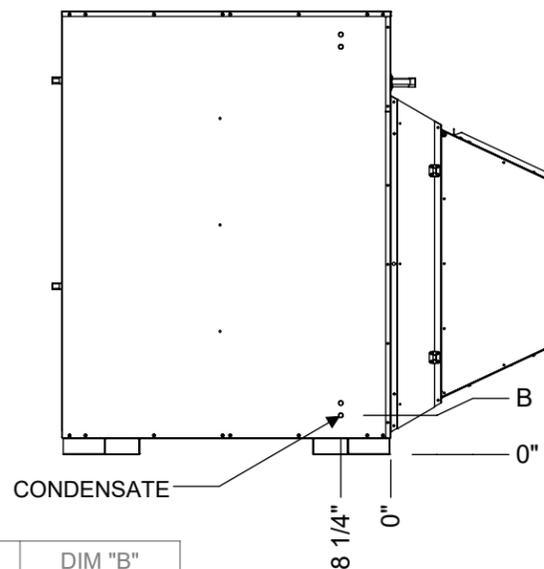
Drawing Number VerticalAire 20-30 Ton w-Mixing Box

# UNITS SELECTED WITH RIGHT SERVICE ACCESS ONLY

SEE PAGE 3 FOR LEFT HAND SERVICE

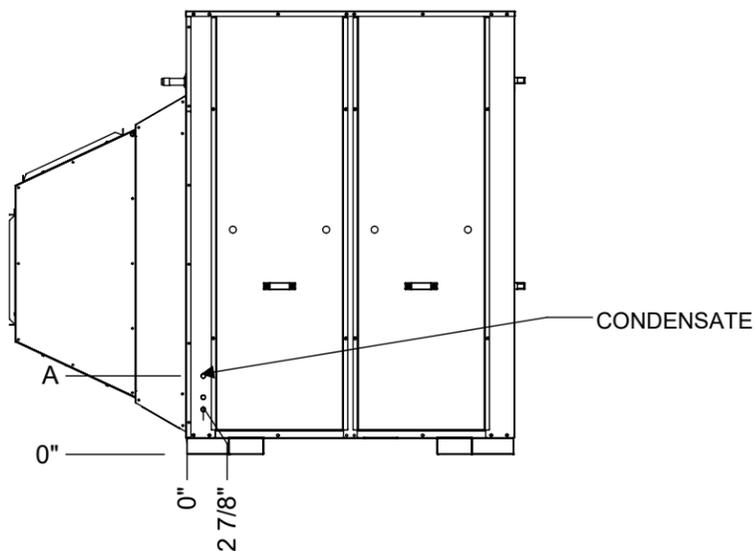
## CONDENSATE

LEFT CONDENSATE OPTION  
LEFT SIDE VIEW



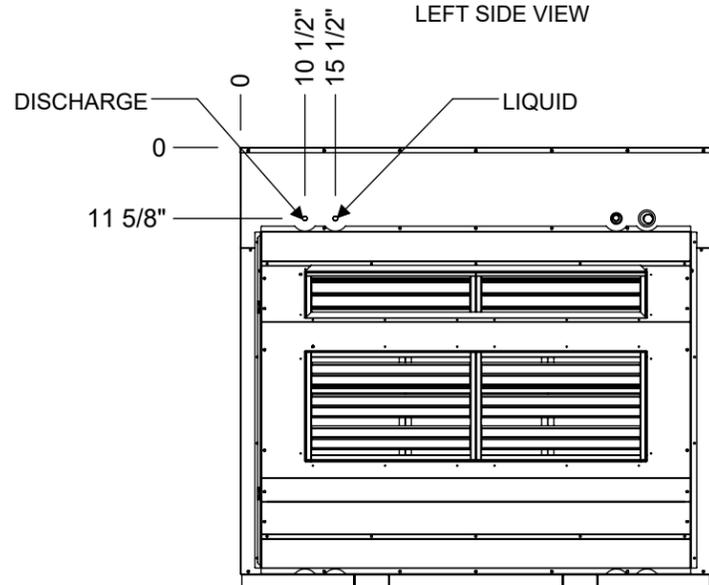
TONNAGE	DIM "A"	DIM "B"
20	12 7/8"	8 1/2"
25	9 3/8"	8 1/2"
30	7 3/8"	6 1/2"

RIGHT CONDENSATE OPTION  
RIGHT SIDE VIEW

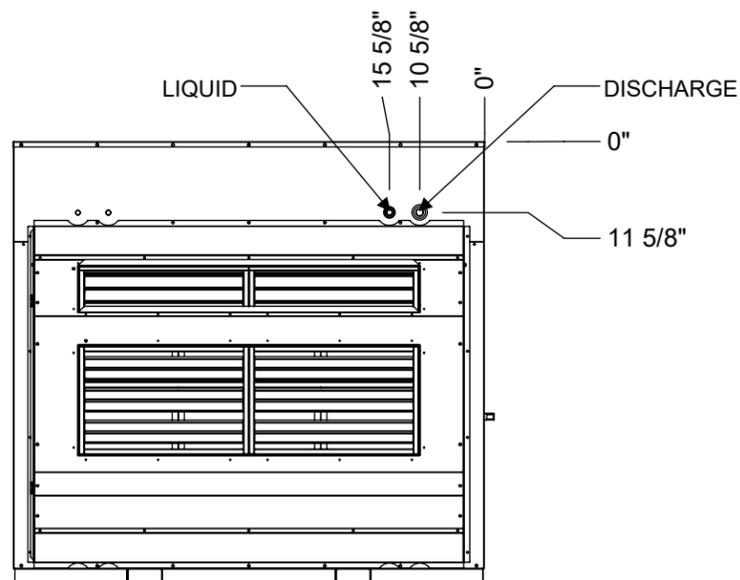


## REMOTE CONDENSER

LEFT REMOTE CONDENSER OPTION  
LEFT SIDE VIEW



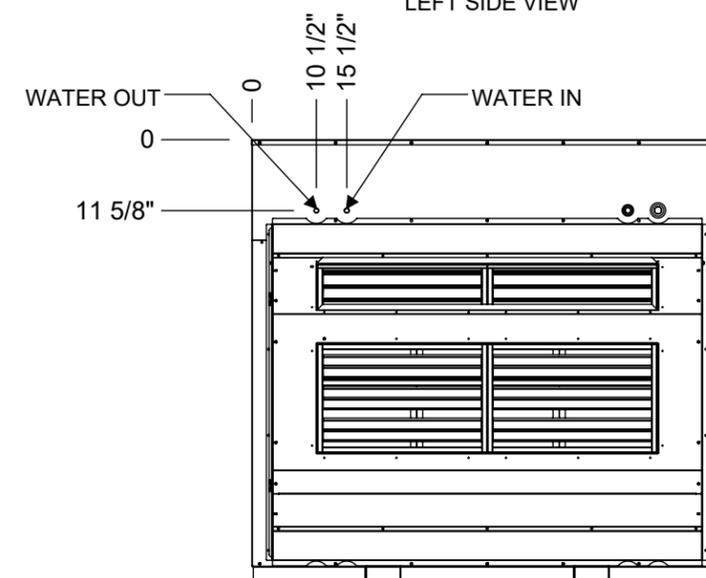
RIGHT REMOTE CONDENSER OPTION  
INTAKE VIEW



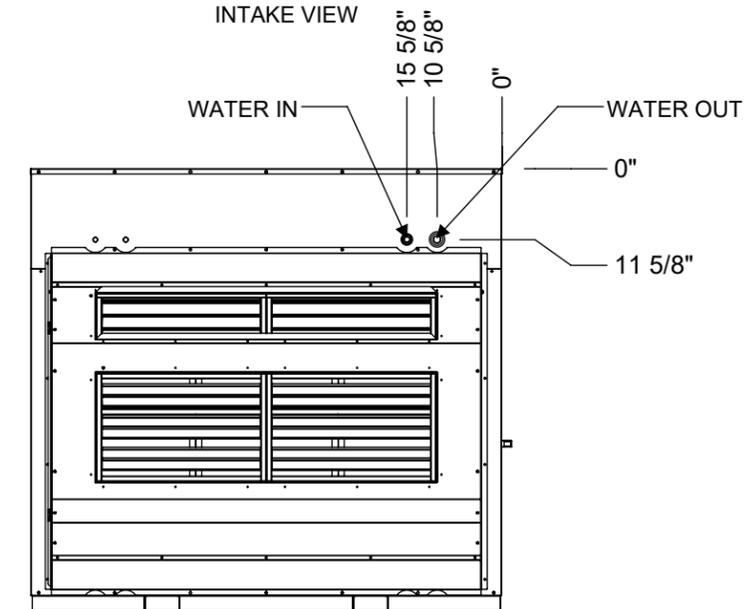
## WATER PIPING



LEFT WATER PIPING OPTION  
LEFT SIDE VIEW



RIGHT WATER PIPING OPTION  
INTAKE VIEW



UNIT SIZE	OPTIONAL WATER COOLED AND Q-PUMP HEAT EXCHANGER CONNECTIONS		OPTIONAL REMOTE CONDENSER CONNECTIONS		CONDENSATE DRAIN CONNECTION
	INLET	OUTLET	DISCHARGE	LIQUID RETURN	OUTLET
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WATER PIPING FOR WATER COOLED CONDENSERS, SEE PAGE 1 FOR HOT WATER COIL CONNECTIONS

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All Dimensions in Inches  
All Angles 90°  
All outside corners 0.125" fillet  
Unless Otherwise Specified



Third Angle Projection

Part weight

Tolerance Unless Otherwise Specified  
X.X ±.125  
X.XX ±.060  
X.XXX ±.030  
Angles ±1°

Drawn SK Date Released 10/27/2008

Sheet 3/3

Scale NTS Rev. 5



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Description VerticalAire 20T w / MIXBOX

Page Title RH SERVICE CONNECTIONS

Drawing Number VerticalAire 20-30 Ton w-Mixing Box