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## 38ASC Series

*Air Cooled Condensing Unit*  
140,000–300,000 BTUH

# TT Air Engineering



World's No.1 Air Conditioning Expert

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# 38ASC Series



## Features & Benefits

- Dual Compressor & Dual Circuit
- Direct driven condenser fan
- High & Low pressure switches
- Small footprint
- Unload Start
- Fully Hermetic Scroll Compressor
- Shut off service valves

## Physical Data

Description		AIR COOLED CONDENSING UNIT			
Model		38ASC140	38ASC200	38ASC240	38ASC300
Nominal Capacity*	BTU/HR	140,000	200,000	240,000	300,000
	KW	41.0	58.6	70.3	87.9
Power Supply	V/Ph/Hz	380/3/50			
Operating Weight	kg.	386	418	480	510
R-22 Pre-charged	kg.	2	2	3	3
Operating Charged	kg.	10.5	12.7	13.6	16.5
Refrigerant		R-22			
Compressor		HERMATIC SCROLL			
Quantity...Model		2...ZR81KC	2...ZR125KC	2...ZR144KC	2...ZR190KC
Condenser Fan Type		PROPELLER, DIRECT DRIVE			
Quantity...Diameter	Inch	2...24	2...24	2...28	2...28
Nominal Air Flow	CFM	15,000	15,000	19,000	18,000
Fan Motor	Qty...HP	2...1/3		2...1	
Power Supply	V/Ph/Hz	220/1/50			
Condenser Coil		Aluminium Fin Copper Tube			
Row ...Fin/Inch		1.5...15	2...15	2...15	2...18
Tube Type		Smooth			Inner Groove
High Pressure Switch	PSIG	CUT IN-OUT 275-365 PSI			
Low Pressure Switch	PSIG	CUT IN-OUT 50-35 PSI			
Pipe Connection		2 CIRCUITS			
Liquid Valve	Qty...Inch	2...1/2		2...5/8	
Suction Valve	Qty...Inch	2...1-1/8			2...1-3/8
Unit Dimension					
Height	mm.	970		1,122	
Width	mm.	1,940			
Depth	mm.	1,040			

\* RATING CONDITION: OUTDOOR AMBIENT TEMPERATURE 95°

## Electrical Data

Unit Model	Nominal Voltage	Voltage Range		Compressor		Fan Motor	
		Min.	Max.	RLA	LRA	QTY	RLA(ea)
38ASC140	380-3-50	342	415	2...12.0	2...101	2	1.75
38ASC200	380-3-50	342	415	2...19.2	2...114	2	1.75
38ASC240	380-3-50	342	415	2...22.1	2...125	2	5.1
38ASC300	380-3-50	342	415	2...35.0	2...175	2	5.1

RLA : Rated Load Amps.

LRA : Locked Rotor Amps.



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