

## AIR CONDITIONER/ HEATER

DESCRIPTION	
RESOURCE CATEGORY	Public Works
RESOURCE KIND	Equipment
OVERALL FUNCTION	
COMPOSITION AND ORDERING SPECIFICATIONS	

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	TYPE 1	TYPE 2	TYPE 3	TYPE 4	NOTES
<b>EQUIPMENT TON</b>	90 Ton air conditioner/heater 90 Ton air cooled direct expansion portable A/C unit w/heat	60 Ton air conditioner/heater 60 Ton air cooled direct expansion portable A/C unit w/heat	25 Ton air conditioner/heater 25 Ton air cooled direct expansion portable A/C unit w/heat	10 Ton air conditioner/heater Caterpillar/York 10 Ton air cooled direct expansion portable A/C unit w/heat	Not Specified
<b>EQUIPMENT CUBIC FEET PER MINUTE (CFM) OF AIR DELIVERED</b>	26,000 cfm	17,000 cfm	9,400 cfm	4,000 cfm	Not Specified
<b>EQUIPMENT WEIGHT</b>	19,900 lbs	16,500 lbs	4,140 lbs	1,500 lbs	Not Specified
<b>EQUIPMENT TRANSPORT</b>	Can be trailer mounted (flat bed semi) dimensions: 20' Long x 8' Wide x 9'.5" Tall	Can be trailer mounted (flat bed semi) dimensions: 20' Long x 8' Wide x 8'.5" Tall	Can be trailer mounted (flat bed tow behind) dimensions: 20' Long x 7'.6" Wide x 5' Tall	Can be trailer mounted (flat bed tow behind) dimensions: 11' Long x 6' .5" Wide x 5' Tall	Not Specified
<b>EQUIPMENT POWER REQUIREMENTS, COOLING ONLY</b>	260 Amps at 460 volts, 3 phase, 60 hz	160 Amps at 460 volts, 3 phase, 60 hz	60 Amps at 460 volts, 3 phase, 60 hz	24 Amps at 460 volts, 3 phase, 60 hz	Not Specified
<b>EQUIPMENT POWER REQUIREMENTS, HEAT ONLY</b>	(250 kW) 368 Amps at 460 volts, 3 phase, 60 hz	(125 kW) 200 Amps at 460 volts, 3 phase, 60 hz	(72 kW) 100 Amps at 460 volts, 3 phase, 60 hz	(54 kW) 71 Amps at 460 volts, 3 phase, 60 hz	Not Specified
<b>EQUIPMENT FLEX DUCT CONNECTIONS</b>	(8) 20" air supply (4)/ return (4)	(8) 20" air supply (4)/ return (4)	(4-6) 20" air supply (2)/ return (2-4)	(3) 20" air supply (1)/ return (2)	Not Specified
<b>EQUIPMENT POTENTIAL APPLICATION EXAMPLES</b>	Airports, Universities, Malls Moisture removal from wet buildings & materials (weather / temperature permitting)	Airports, Retail stores, Schools Moisture removal from wet buildings & materials (weather / temperature permitting)	Tents, Small retail stores, Libraries Moisture removal from wet buildings & materials (weather / temperature permitting)	Tents, Computer rooms, Small office (2,000 sq. ft.) Moisture removal from wet buildings & materials (weather / temperature permitting)	Not Specified

COMPONENT	TYPE 1	TYPE 2	TYPE 3	TYPE 4	NOTES
<b>EQUIPMENT SET UP AND CONNECT</b>	Setup time varies depending on duct installation, fabricating, wiring, etc... 2+ hours 4/0 Cam-Lock type quick connect cable used for power termination to source	Setup time varies depending on duct installation, fabricating, wiring, etc... 2+ hours 4/0 Cam-Lock type quick connect cable used for power termination to source	Setup time varies depending on duct installation, fabricating, wiring, etc... 2+ hours 4/0 Cam-Lock type quick connect cable used for power termination to source	Setup time varies depending on duct installation, fabricating, wiring, etc... 2+ hours 4/0 Cam-Lock type quick connect cable used for power termination to source	Not Specified

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## NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

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## REFERENCES

FEMA, National Incident Management System (NIMS), October 2017

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