HVAC DISTRIBUTING LLC



A-SERIES CENTRAL DUCTED

UP TO 14.3 SEER2 / UP TO 7.5 HSPF2 / R-454B REFRIGERANT

*10 YEARS PARTS WARRANTY

*LIMITED LIFETIME COMPRESSOR WARRANTY

- COOLING RANGE UP TO 126°F
- HEATING RANGE DOWN TO 14°F
- MULTIPOSITION AIR HANDLER INSTALLATION
- DEDICATED TECH SUPPORT
- ENERGY EFFICIENT SCROLL COMPRESSOR
- 10 YEAR PARTS / LIMITED LIFETIME COMPRESSOR WARRANTY

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A-SERIES CENTRAL DUCTED - HEAT PUMP SPECIFICATIONS

MODEL NO.	Outdoor Unit	**AESHS4T1821AA	**AESHS4T2421AA	**AESHS4T3021AA	**AESHS4T3621AA	**AESHS4T4221AA	**AESHS4T4821AA	**AESHS4T6021AA
	Indoor Unit	**AEAMPSF18C21AA	**AEAMPSF24C21AA	**AEAMPEF30C21AA	**AEAMPEF36C21AA	**AEAMPEF42C21AA	**AEAMPEF48E21AA	**AEAMPEF60E21AA
CAPACITY & PERFORMANCE								
Nominal		1.5 Ton	2 Ton	2.5 Ton	3 Ton	3.5 Ton	4 Ton	5 Ton
Cooling Capacity	Btu/h	17000	22000	27500	33000	39000	45000	55000
EER2	Btu/HR/W	11.7	11.7	11.7	11.7	11.7	11.2	11.2
SEER2	Btu/HR/W	14.3	14.3	14.3	14.3	14.3	14.3	14.3
Heating Capacity	Btu/h	17000	22000	27500	33000	39000	45000	55000
HSPF2	Btu/HR/W	7.5	7.5	7.5	7.5	7.5	7.5	7.5
Indoor Noise Level	dB(A)	53	53	53	55	54	57	57
Outdoor Noise Level	dB(A)	60	60	63	63	65	65	65
ELECTRICAL PARTS								
Power Supply	V-Hz.Ph	208-230/1N/60	208-230/1N/60	208-230/1N/60	208-230/1N/60	208-230/1N/60	208-230/1N/60	208-230/1N/60
Min Circuit Ampacity (Indoor)	A	2.1	2.4	4.5	4.5	7.2	7.2	7.2
Min Circuit Ampacity (Outdoor)	A	12.2	15.2	18	22.2	26	30	37
Max Fuse (Indoor)	A	3	3	6	6	10	10	10
Max Fuse (Outdoor)	A	20	20	30	30	45	50	60
DIMENSIONS & WEIGHT								
Net Dimensions (WxDxH)								
Indoor	inch	19.625"×22"×45.75"	19.625"×22"×45.75"	19.625"×22"×45.75"	19.625"×22"×45.75"	19.625"×22"×45.75"	22"×24.5"×53.125"	22"×24.5"×53.125"
Outdoor	inch	23.6"×23.6"×25"	23.6"×23.6"×25"	23.6"×23.6"×25"	29.14"×25"×29.14"	29.14"×25"×29.14"	29.14"×25"×29.14"	29.14"×25"×29.14"
Net/Gross Weight								
Indoor	lbs	120/133	128/141	129/142	129/142	131/144	163/183	170/190
Outdoor	lbs	144/150	144/151	146/152	173/182	202/212	223/232	225/235
REFRIGERANT								
Valve Size Liquid Side	inch	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Valve Size Gas Side	inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	7/8"

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*Data provided by AHRI

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A-SERIES CENTRAL DUCTED - A/C SPECIFICATIONS

MODEL NO.	Outdoor Unit	**AESAS4T1821AA	**AESAS4T2421AA	**AESAS4T3021AA	**AESAS4T3621AA	**AESAS4T4221AA	**AESAS4T4821AA	**AESAS4T6021AA
	Indoor Unit	**AEAMPSF18C21AA	**AEAMPSF24C21AA	**AEAMPEF30C21AA	**AEAMPEF36C21AA	**AEAMPEF42C21AA	**AEAMPEF48E21AA	**AEAMPEF60E21AA
CAPACITY & PERFORMANCE								
Nominal		1.5 Ton	2 Ton	2.5 Ton	3 Ton	3.5 Ton	4 Ton	5 Ton
Cooling Capacity	Btu/h	17000	22000	27500	33000	39000	45000	55000
EER2	Btu/ HR/W	11.7	11.7	11.7	11.7	11.7	11.2	11.2
SEER2	Btu/ HR/W	14.3	14.3	14.3	14.3	14.3	14.3	14.3
Heating Capacity	Btu/h	-	-	-	-	-	-	-
HSPF2	Btu/ HR/W	-	-	-	-	-	-	-
Indoor Noise Level	dB(A)	53	53	53	55	54	57	57
Outdoor Noise Level	dB(A)	60	60	63	63	65	65	65
ELECTRICAL PARTS								
Power Supply	V-Hz.Ph	208-230/1N/60	208-230/1N/60	208-230/1N/60	208-230/1N/60	208-230/1N/60	208-230/1N/60	208-230/1N/60
Min Circuit Ampacity (Indoor)	A	2.1	2.4	4.5	4.5	7.2	7.2	7.2
Min Circuit Ampacity (Outdoor)	A	12.2	15.2	18	22.2	26	30	37
Max Fuse (Indoor)	A	3	3	6	6	10	10	10
Max Fuse (Outdoor)	A	20	20	30	30	45	50	60
DIMENSIONS & WEIGHT								
Net Dimensions (WxDxH)								
Indoor	inch	19.625"×22"×45.75"	19.625"×22"×45.75"	19.625"×22"×45.75"	19.625"×22"×45.75"	19.625"×22"×45.75"	22"×24.5"×53.125"	22"×24.5"×53.125"
Outdoor	inch	23.6"×25"×23.6"	23.6"×23.6"×25"	23.6"×23.6"×25"	29.14"×25"×29.14"	29.14"×25"×29.14"	29.14"×25"×29.14"	29.14"×25"×29.14"
Net/Gross Weight								
Indoor	lbs	120/133	128/141	129/142	129/142	131/144	163/183	170/190
Outdoor	lbs	144/150	144/151	146/152	173/182	202/212	223/232	225/235
REFRIGERANT								
Valve Size Liquid Side	inch	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Valve Size Gas Side	inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	7/8"

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A-SERIES WALL MOUNTED AIR HANDLER SPECIFICATIONS

MODEL NO.	Outdoor Unit	**AEAWPEF18D21AA	**AEAWPEF24D21AA	**AEAWPEF30E21AA	**AEAWPEF36E21AA
CAPACITY & PERFORMANCE					
Nominal		1.5 Ton	2 Ton	2.5 Ton	3 Ton
Indoor Noise Level	dB(A)	53	54	55	57
ELECTRICAL PARTS					
Power Supply	V - Hz.Ph	208-230/1N/60	208-230/1N/60	208-230/1N/60	208-230/1N/60
Min Circuit Ampacity (INDOOR)	A	2.5	2.5	4.5	4.5
Max Fuse (INDOOR)	A	3	3	6	6
DIMENSIONS & WEIGHT					
Net Dimensions (WxDxH)					
Indoor	inch	20.5"×15"×36"	20.5"×15"×36"	22.125"×19"×39.5"	22.125"×19"×39.5"
Net Weight/Gross Weight					
Indoor	lbs	88/97	88/97	110/120	110/120
REFRIGERANT					
Valve Size Liquid Side/Gas Side	inch	3/8"	3/8"	3/8"	3/8"
Line Set Size Liquid Side/Gas Side	inch	3/4"	3/4"	3/4"	3/4"

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A-SERIES CENTRAL DUCTED HEAT KIT MATCH UP

AIR HANDLER	HEAT KIT	KILOWATT
**AEAMPS18C21AA	**AEHFD5X1AA	5kW
	**AEHFD7X1AA	7.5kW
**AEAMPSF24C21AA	**AEHFD5X1AA	5kW
	**AEHFD7X1AA	7.5kW
	**AEHFD10X1AA	10kW
**AEAMPEF30C21AA	**AEHFD5X1AA	5kW
	**AEHFD7X1AA	7.5kW
	**AEHFD10X1AA	10kW
**AEAMPEF36C21AA	**AEHFD5X1AA	5kW
	**AEHFD7X1AA	7.5kW
	**AEHFD10X1AA	10kW
**AEAMPEF42C21AA	**AEHFD5X1AA	5kW
	**AEHFD7X1AA	7.5kW
	**AEHFD10X1AA	10kW
**AEAMPEF48E21AA	**AEHFD5X1AA	5kW
	**AEHFD7X1AA	7.5kW
	**AEHFD10X1AA	10kW
**AEAMPEF60E21AA	**AEHFD5X1AA	5kW
	**AEHFD7X1AA	7.5kW
	**AEHFD10X1AA	10kW
**AEAWPEF18D21AA	**AEHFD5X1AA	5kW
	**AEHFD7X1AA	7.5kW
	**AEHFD10X1AA	10kW
**AEAWPEF24D21AA	**AEHFD5X1AA	5kW
	**AEHFD7X1AA	7.5kW
	**AEHFD10X1AA	10kW
**AEAWPEF30E21AA	**AEHFD5X1AA	5kW
	**AEHFD7X1AA	7.5kW
	**AEHFD10X1AA	10kW
**AEAWPEF36E21AA	**AEHFD5X1AA	5kW
	**AEHFD7X1AA	7.5kW
	**AEHFD10X1AA	10kW