

R-32 Split System

Cased Coil

14.3 SEER2
1½ to 5 Tons



AireForce
YOUR TRUSTED HVAC SOURCE

Product Features

Available in 17 in, 21 in, and 24 in widths to fit a variety of residential system configurations

Multiposition cased coil supports upflow, downflow, and horizontal installations for flexible applications

Factory-installed piston metering device provides reliable refrigerant flow control with a simple, durable design for consistent system operation

Coil Model Numbers			AC-I-1824ACL-17	AC-I-1824ACL-17	AC-I-3036ACL-17	AC-I-3036ACL-21	AC-I-3036ACL-17	AC-I-3036ACL-21
Cooling (Standard conditions)	Rated Capacity	Btu/hr	18000	24000	30000	30000	35000	35000
	Capacity range	Btu/hr	/	/	/	/	/	/
	Input	W	1475	2050	2550	2550	3000	3000
	Current	A	6.70	9.30	11.50	11.50	13.80	13.80
	EER2	Btu/hr/W	12.20	11.70	11.70	11.70	11.70	11.70
Throttle type	SEER2	Btu/hr/W	14.3	14.3	14.3	14.3	14.3	14.3
	Throttle type	/	TXV for cooling	TXV for cooling	TXV for cooling	TXV for cooling	TXV for cooling	TXV for cooling
	Dimension(W"D"H)	inch	17-33/64"21-1/32"17-63/64	17-33/64"21-1/32"17-63/64	17-33/64"21-1/32"23-37/64	21-1/32"21-1/32"23-37/64	17-33/64"21-1/32"23-37/64	21-1/32"21-1/32"23-37/64
	Packing (W"D"H)	inch	21-17/64"27-23/64"20-9/32	21-17/64"27-23/64"20-9/32	21-17/64"27-23/64"25-63/64	24-51/64"27-23/64"25-55/64	21-17/64"27-23/64"25-63/64	24-51/64"27-23/64"25-55/64
	Net/Gross weight	lb	42/50	42/50	59.5/68	64/74	59.5/68	64/74
COIL	Drainage water pipe dia	mm	ODΦ19mm	ODΦ19mm	ODΦ19mm	ODΦ19mm	ODΦ19mm	ODΦ19mm
	Refrigerant type		R32	R32	R32	R32	R32	R32
	Refrigerant charge	kg	1.30	1.50	2.15	2.15	2.25	2.25
	Additional charge per metre	oz	45.86	52.91	75.84	75.84	79.37	79.37
	Additional charge per metre	g/m	48.0	48.0	48.0	48.0	48.0	48.0
Refrigerant piping	Additional charge for each ft	oz/ft	0.52	0.52	0.52	0.52	0.5	0.52
	Design pressure	PSIG	609/174	609/174	609/174	609/174	609/174	609/174
	Liquid side	INCH	3/8	3/8	3/8	3/8	3/8	3/8
	Gas side	INCH	3/4	3/4	3/4	3/4	3/4	3/4
	Max. piping length	ft	98	131	131	131	131	131
Thermostat type	Max. piping length	m	29	40	40	40	40	40
	Max. level difference	m	20	25	25	25	25	25
	Max. level difference	ft	66	82	82	82	82	82
	Thermostat type		24V thermostat	24V thermostat	24V thermostat	24V thermostat	24V thermostat	24V thermostat
	Indoor(cooling)	°C	16~32	16~32	16~32	16~32	16~32	16~32
Room temperature	Outdoor(cooling)	°F	60~90	60~90	60~90	60~90	60~90	60~90
	Indoor(cooling)	°C	-15~55	-15~55	-15~55	-15~55	-15~55	-15~55
	Outdoor(cooling)	°F	5~131	5~131	5~131	5~131	5~131	5~131
	Qty/per 20' /40' /41"HQ	Indoor	377	287	222	222	222	222
	Qty/per 20' /40' /40"HQ	Outdoor	216	216	180	180	180	180

Coil Model Numbers			AC-I-4860ACL-21	AC-I-4860ACL-24	AC-I-4860ACL-21	AC-I-4860ACL-24	AC-I-4860ACL-21	AC-I-4860ACL-24
Cooling (Standard conditions)	Rated Capacity	Btu/hr	42000	42000	46000	46000	54000	54000
	Capacity range	Btu/hr	/	/	/	/	/	/
	Input	W	3580	3580	3930	3930	4600	4600
	Current	A	16.20	16.20	17.80	17.80	20.90	20.90
	EER2	Btu/hr/W	11.70	11.70	11.70	11.70	11.70	11.70
Throttle type	SEER2	Btu/hr/W	14.3	14.3	13.8	13.8	13.8	13.8
	Throttle type	/	TXV for cooling	TXV for cooling	TXV for cooling	TXV for cooling	TXV for cooling	TXV for cooling
	Dimension(W"D"H)	inch	21-1/32"21-1/32"27-51/64	24-16/32"21-2/64"27-13/16	21-1/32"21-1/32"27-51/64	24-16/32"21-2/64"27-13/16	21-1/32"21-1/32"27-51/64	24-16/32"21-2/64"27-13/16
	Packing (W"D"H)	inch	24-51/64"27-23/64"30-1/8	28-9/32"27-23/64"30-11/32	21-1/32"21-1/32"27-51/64	24-16/32"27-23/64"30-11/32	24-51/64"27-23/64"30-1/8	28-9/32"27-23/64"30-11/32
	Net/Gross weight	lb	81/92	97/115	81/92	97/115	81/92	97/115
COIL	Drainage water pipe dia	mm	ODΦ19mm	ODΦ19mm	ODΦ19mm	ODΦ19mm	ODΦ19mm	ODΦ19mm
	Refrigerant type		R32	R32	R32	R32	R32	R32
	Refrigerant charge	kg	2.6	2.6	2.60	2.60	2.90	2.90
	Additional charge per metre	oz	91.71	91.71	91.71	91.71	102.29	102.29
	Additional charge per metre	g/m	48	48	48	48	48.0	48.0
Refrigerant piping	Additional charge for each ft	oz/ft	0.52	0.52	0.52	0.52	0.52	0.52
	Design pressure	PSIG	609/174	609/174	609/174	609/174	609/174	609/174
	Liquid side	INCH	3/8	3/8	3/8	3/8	3/8	3/8
	Gas side	INCH	3/4	3/4	3/4	3/4	3/4	3/4
	Max. piping length	ft	164	164	213	213	213	213
Thermostat type	Max. piping length	m	50	50	64	64	64	64
	Max. level difference	m	25	25	30	30	30	30
	Max. level difference	ft	82	82	98	98	98	98
	Thermostat type		24V thermostat	24V thermostat	24V thermostat	24V thermostat	24V thermostat	24V thermostat
	Indoor(cooling)	°C	16~32	16~32	16~32	16~32	16~32	16~32
Room temperature	Outdoor(cooling)	°F	60~90	60~90	60~90	60~90	60~90	60~90
	Indoor(cooling)	°C	-15~55	-15~55	-15~55	-15~55	-15~55	-15~55
	Outdoor(cooling)	°F	5~131	5~131	5~131	5~131	5~131	5~131
	Qty/per 20' /40' /41"HQ	Indoor	222	153	222	153	222	153
	Qty/per 20' /40' /40"HQ	Outdoor	135	135	135	135	135	135

Product Specifications