

Professionals who know HVAC know Armstrong Air.™

EHX™ TECHNOLOGY: Inside every Armstrong Air™ furnace, you'll find our proprietary heat exchanger with EHX™ Technology. Stainless steel plates are crimped together, rather than welded, to reduce fatigue from heat strain and improve durability. Compared to conventional heat exchangers, the patented design offers more surface area for greater heat transfer, and advanced airflow properties allow more even heat distribution with no hot spots. As tough as it is dependable, EHX Technology is designed and tested to outperform our high standards and your expectations.

QUIET COMBUSTION™: The burners inside every Armstrong Air furnace aren't like the burners you'll find in other furnaces. No detail was overlooked in their design, from their deeper, specially shaped fuel channels to the increased number of jets. As a result, Armstrong Air furnaces operate with extreme reliability, impressive efficiency and very low noise levels.

MHT™ TECHNOLOGY: Inside every Armstrong Air air conditioner and heat pump, you'll find a brilliant approach to cooling called MHT™ Technology. In Armstrong Air's proprietary heat transfer system, a specially designed fan shroud pulls air evenly throughout the air conditioner's coil surface. The coil features rifled tubing to enhance refrigerant flow, while lanced coil fins increase surface contact between metal and air. All combine for maximum heat transfer and efficiency.

TRI-DIAMOND™ TECHNOLOGY: Armstrong Air's unique design increases the packaged units' heat exchanger surface area, making heat transfer more efficient. This allows for a smaller heat exchanger that requires less energy to operate.

QUIET SHIFT™ TECHNOLOGY: Allows heat pumps to enter defrost mode without excessive noise. Since refrigerant pressure is allowed to equalize before the switch, the heat pump can dissipate performance-robbing frost and ice quietly.

CLEAN SWEEP DEFOST™: By starting the defrost cycle at the bottom of the coil, and routing hot gas from the bottom up, Armstrong Air units with MHT Technology have a more thorough defrost cycle. This will reduce the number of defrost cycles necessary, while also keeping bottom drainage holes free of frost.

PRECISION SERVICE™ TECHNOLOGY: Thoughtful design and precise part location of each component means you can work more efficiently and effectively on every job. Features like simplified fan removal, threaded pressure switches, fewer screws per panel and corner-post-mounted access panels, allow you to finish jobs quicker, which is something that you and your customers will appreciate.



AIR CONDITIONERS	PRO SERIES	PRO SERIES	PRO SERIES			
	4SCU20LX	4SCU16LS	4SCU16LE	4SCU14LB	4SCU13LE	4SCU13LB
ENERGY EFFICIENCY	Up to 20 SEER	Up to 16 SEER	Up to 16 SEER	Up to 14 SEER	Up to 14 SEER	Up to 14 SEER
ENERGY STAR® CERTIFIED	•	•	•	•		
COMFORT SYNC™	•	•				
OMNIGUARD™ TOTAL CORROSION PROTECTION			•	•		
SCROLL COMPRESSOR	Var. Capacity	2-Stage	1-Stage	1-Stage	1-Stage	1-Stage
REFRIGERANT	R410A	R410A	R410A	R410A	R410A	R410A
SWEPT-WING FAN BLADES	•					
HIGH-LOW-PRESSURE SWITCH	•	•	•	High	High	High
SEALED CONTACTOR W/LUGS AND COVER	•	•	•			
HEAVY-DUTY SOUND BLANKET	•	•	•			
MHT TECHNOLOGY	•	•	•	•	•	•
LIMITED WARRANTY ON COMPRESSOR**	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year
LIMITED WARRANTY ON PARTS**	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year



HEAT PUMPS	PRO SERIES	PRO SERIES	DUAL FUEL	
	4SHP20LX	4SHP16LS	4SHP15LE	4SHP14LB
ENERGY EFFICIENCY	Up to 20 SEER 10 HSPF	Up to 16 SEER 8.5 HSPF	Up to 15 SEER 8.5 HSPF	Up to 15 SEER 8.5 HSPF
ENERGY STAR® CERTIFIED	•		•	•
COMFORT SYNC™	•	•		
OMNIGUARD™ TOTAL CORROSION PROTECTION			•	•
SCROLL COMPRESSOR	Var. Capacity	2-Stage	1-Stage	1-Stage
REFRIGERANT	R410A	R410A	R410A	R410A
SWEPT-WING FAN BLADES	•			
HEAVY-DUTY SOUND BLANKET	•	•	•	
QUIET SHIFT TECHNOLOGY	•	•	•	•
MHT TECHNOLOGY	•	•	•	•
HIGH-LOW-PRESSURE SWITCH	•	•	•	•
SEALED CONTACTOR W/LUGS AND COVER	•	•	•	
SLEEVED DISTRIBUTOR TUBES	•	•	•	•
CLEAN SWEEP DEFOST TECHNOLOGY	•	•	•	•
LIMITED WARRANTY ON COMPRESSOR**	10-Year	10-Year	10-Year	10-Year
LIMITED WARRANTY ON PARTS**	10-Year	10-Year	10-Year	10-Year



PACKAGED UNITS	DUAL FUEL							
	PRPGE16	PRPH16	PRPAC16	PRPDF16	PRPGE14	PRPH14	PRPAC14	PRPDF14
ENERGY EFFICIENCY	16 SEER 12.5 EER 81% AFUE	16 SEER 12 EER 82 HSPF	16 SEER 12.5 EER	16 SEER 12 EER 8.2 HSPF 81% AFUE	14 SEER 11 EER 81% AFUE	14 SEER 11 EER 80 HSPF	14 SEER 11 EER	14 SEER 11 EER 81% AFUE 8.0 HSPF
ENERGY STAR® CERTIFIED	•	•	•	•				
BLOWER MOTOR	Var. Spd.	Var. Spd.	Var. Spd.	Var. Spd.	PSC or CT	PSC or CT	PSC or CT	PSC or CT
SCROLL COMPRESSOR	2-Stage	2-Stage						
LOW-PRESSURE SWITCH		•		•		•		•
HIGH-PRESSURE SWITCH	•	•	•	•	•	•	•	•
QUIET SHIFT TECHNOLOGY						•		•
MHT TECHNOLOGY	•	•	•	•	•	•	•	•
TRI-DIAMOND TECHNOLOGY	•			•	•			•
LIMITED WARRANTY ON HEAT EXCHANGER**	Lifetime			Lifetime	Lifetime			Lifetime
LIMITED WARRANTY ON COMPRESSOR**	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year
LIMITED WARRANTY ON PARTS**	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year



AIR HANDLERS	PRO SERIES	DUAL FUEL				
	BCE7S	BCE5V	BCE5E	BCE5C	EFV	EFC
CONFIGURATION	2-Piece	1-Piece	1-Piece	1-Piece	Modular	Modular
EVAPORATOR COIL	Alum. Tube/ Alum. Fin	Alum. Tube/ Alum. Fin	Alum. Tube/ Alum. Fin	Alum. Tube/ Alum. Fin	N/A	N/A
OMNIGUARD™ TOTAL CORROSION PROTECTION	•	•	•	•		
BLOWER MOTOR	Var. Spd.	Var. Spd.	CT	PSC	Var. Spd.	PSC
COMMUNICATING	•					
SLEEVED DISTRIBUTOR TUBES		•	•	•		
FACTORY-INSTALLED TXV	•	•	•	Optional		
MHT TECHNOLOGY	•	•	•	•	•	•
INSULATED CABINET	•	•	•	•	•	•
MICROBAN® PROTECTION	•	•	•	•		
LIMITED WARRANTY ON PARTS**	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year
INSTALLATION						
HORIZONTAL	•	•	•	•	•	•
DOWNFLOW	•	○	○	•	•	•
CLOSET INSTALLATION	•	•	•	•	•	•
ONE-PERSON INSTALL	•	•	•	•	•	•
QUICK INSTALL	•	•	•	•	•	•

GAS FURNACES	PRO SERIES	PRO SERIES	PRO SERIES						PRO SERIES	PRO SERIES	PRO SERIES
	A97MV*	A962V	A962E	A951E	A951S	A951A	A931A	A802V*	A801E*	A801A	
ENERGY EFFICIENCY	97%	96%	96%	95%	95%	95%	93%	80%	80%	80%	
ENERGY STAR® CERTIFIED	Most Efficient	•	•	•							
COMFORT SYNC™	•	•					•				
BLOWER MOTOR	Var. Spd.	Var. Spd.	CT	CT	PSC	PSC	PSC	Var. Spd.	CT	PSC	
GAS VALVE	Mod.	2-Stage	2-Stage	1-Stage	1-Stage	1-Stage	1-Stage	2-Stage	1-Stage	1-Stage	
PRIMARY HEAT EXCHANGER	SS	SS	SS	SS	SS	AS	AS	AS	AS	AS	
SECONDARY HEAT EXCHANGER	SS	SS	SS	SS	SS	SS	SS				
EHX TECHNOLOGY	•	•	•	•	•	•	•	•	•	•	
QUIET COMBUSTION TECHNOLOGY	•	•	•	•	•	•	•	•	•	•	
SELF-DIAGNOSING CONTROL BOARD	•	•	•	•	•	•	•	•	•	•	
LIMITED WARRANTY ON HEAT EXCHANGER**	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	
LIMITED WARRANTY ON PARTS**	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year	

PSC = Direct Drive Motor CT = Constant Torque Blower Motor SS = Stainless Steel AS = Aluminized Steel



OIL FURNACES	DUAL FUEL				
	LUFV	LBF/LBRV	LUF	LBF/LBR	LHF/LHR
ENERGY EFFICIENCY (AFUE)	85%	85%	83%	83%	83%
BLOWER MOTOR	Var. Spd.	Var. Spd.	PSC	PSC	PSC
BECKETT BURNER WITH GENISYS™ CONTROLLER	•	•	•	•	•
INSULATED CABINET	•	•	•	•	•
LIMITED WARRANTY ON HEAT EXCHANGER**	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime
LIMITED WARRANTY ON PARTS**	10-Year	10-Year	10-Year	10-Year	10-Year



COILS	OMNIGUARD				COPPER						
	EAC4X	EACIP	EAHIP	EAUIP	EC4X	ECIP	EHIP	EMIP	EUIP	EULIP	EDIP
FACTORY-INSTALLED TXV	•				•						
OMNIGUARD™ TOTAL CORROSION PROTECTION	•	•	•	•							
INSULATED CABINET	•	•	•		•	•		•			•
MHT TECHNOLOGY	•	•	•	•	•	•	•	•	•	•	•
MICROBAN PROTECTION	•	•	•	•	•	•	•	•	•	•	•
LIMITED WARRANTY ON PARTS**	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year	10-Year

Armstrong Air evaporator coils crafted with OMNIGUARD™ TECHNOLOGY are designed to deliver life-long performance with the same ease of install and service as today's Armstrong Air units.



* Upflow/horizontal ultra low NOx (14ng/l) compliant model available.
** Warranty applies to residential applications only. For terms, conditions and exclusions, see full warranty at www.alliedair.com.
*** Heat pump only.
Due to our policy of continuous improvement, specifications are subject to change without notice.