

Trane® Axiom™ High Efficiency Water Source Heat Pumps



Imagine a full range of comfort utilizing efficiency, sound attenuation, integrated controls, and superior maintenance accessibility

Models EXHV and DXHV – 0.75 to 6 tons

Model DXH (pictured to the right) is a ceiling hung product with a two stage compressor that provides a sleek, innovative shape, serviceability to maintenance components, indoor air quality standards and sound attenuation.

Trane's design incorporates system advantages such as:

- Exceeds ASHRAE 90.1-standards for efficiency
- Return-air and supply-air flexibility
- Dual sloped polymer drain pan or optional stainless steel drain pan
- Variable-speed ECM motor
- Insulated compressor enclosure for quiet unit design
- Integrated factory mounted, wired and tested controls
- Orifice ring motor mounting device as standard for ease of motor service
- High and low pressure safeties as standard
- Factory mounted and wired condensate overflow switch
- Factory mounted TXV
- Optional 2 stage compressor
- Waterside economizer option
- Full array of filter options including MERV 8 and MERV 13 to meet LEED EQ Credit 5
- Ducted filter rack accessory
- Optional foil faced insulation for cleanability
- Selectable unit mounted disconnect switch option
- Lower-gwp R-454B refrigerant and factory installed leak detection systems as required by UL 60335-2-40



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Model	Rated GPM	Rated CFM	Water Loop Heat Pump				Ground Loop Heat Pump			
			Cooling 86°F		Heating 68°F		Cooling 77°F		Heating 32°F	
			Capacity (BTUH)	EER	Capacity (BTUH)	COP	Capacity (BTUH)	EER	Capacity (BTUH)	COP
EXV/H009	2.25	285	8700	18.1	10700	6.4	9000	21.2	6100	3.9
EXV/H012	3.00	380	11400	17.1	14300	5.9	11900	19.8	8500	3.8
EXV/H015	3.75	475	15800	16.3	19000	5.3	16200	18.7	11800	3.7
EXV/H018	4.50	570	18900	17.5	23000	5.4	19700	20.8	14400	3.9
EXV/H024	6.00	760	25300	18.1	32000	5.6	26200	21.2	19400	3.8
EXV/H030	7.50	950	30200	17.9	37500	5.7	31800	21.3	22900	4.2
EXV/H036	9.00	1140	35000	17.8	43600	5.6	36600	20.8	27200	4.1
EXV/H042	10.50	1330	42000	17.8	48800	5.9	43300	20.9	30800	4.1
EXV/H048	12.00	1520	45300	17.5	51800	5.8	46900	20.3	33900	4.0
EXV/H060	15.00	1900	60600	17.0	72100	5.4	62700	19.7	45200	3.8
EXV/H070	17.50	2215	63400	17.6	77000	5.5	65900	20.1	48800	3.9

Rated in accordance ANSI/AHRI/ASHRAE/ISO13256-1. Certified conditions are 80.6°F DB/66.2°F WB EAT in cooling and 68°F DB/59°F WB EAT in heating.

Model	Load	Rated GPM	Rated CFM	Water Loop Heat Pump				Ground Loop Heat Pump			
				Cooling 86°F		Heating 68°F		Cooling 77°F		Heating 32°F	
				Capacity (BTUH)	EER	Capacity (BTUH)	COP	Capacity (BTUH)	EER	Capacity (BTUH)	COP
DXV/H024	Full	6.0	760	25400	18.8	31100	5.7	25700	21.3	18900	4.1
DXV/H024	Part	6.0	608	18100	19.5	21700	5.9	19100	27.5	16300	4.6
DXV/H036	Full	9.0	1140	32100	17.5	41800	6.0	33800	20.5	25400	4.2
DXV/H036	Part	9.0	912	22600	17.5	30300	6.6	25400	26.2	20600	4.7
DXV/H048	Full	12.0	1520	44800	17.3	53700	6.0	46300	19.8	32300	4.2
DXV/H048	Part	12.0	1216	31900	17.1	38700	6.4	34600	24.2	26400	4.4
DXV/H060	Full	15.0	1900	54500	18.2	67000	6.1	56500	20.7	41000	4.2
DXV/H060	Part	15.0	1520	38100	18.3	48000	6.7	41900	26.0	32000	4.5
DXV/H070	Full	17.5	2215	61800	16.0	81400	5.5	65100	18.5	51700	4.0
DXV/H070	Part	17.5	1772	44600	17.4	55700	5.9	48100	23.6	41000	4.3

Rated in accordance with ANSI/AHRI/ASHRAE/ISO13256-1. Certified conditions are 80.6°F DB/66.2°F WB EAT in cooling and 68°F DB/59°F WB EAT in heating. Entering liquid temperature in cooling is 86°F for Water Loop, 77°F for Ground Loop (full load), 68°F for Ground Loop (part load), and 59°F for Ground Water. Entering liquid temperature in heating is 68°F for Water Loop, 32°F for Ground Loop (full load), 41°F for Ground Loop (part load), and 50°F for Ground Water.

Model EXHK	009	012	015	018	024	030	036	042	048	060	070
Width x Depth x Height (in.)	25.5x46 x17.75	25.5x46 x17.75	25.5x49 x18.75	25.5x55 x19.75	21.5x55 x19.75	28x68 x21.75	28x68 x21.75	29.38x77.75 x22.13	29.38x77.75 x22.13	29.38x86.75 x22.13	29.38x86.75 x22.13
Compressor Type	Rotary	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Net Weight (lbs.)	173	173	173	269	269	315	316	408	386	437	434
Ship Weight (lbs.)	297	297	297	393	393	460	461	587	565	616	613
Filter Size Nominal (in.)	16x19	16x19	17x20	18x23	19x23	20x30	20x30	20x20 (qty-2)	20x20 (qty-2)	30x20 20x20	30x20 20x20
Water in/out size (FPT)	0.5	0.5	0.5	0.5	0.75	1	1	1	1	1	1
Condensate size (NPTI)	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Blower Wheel Size (in.)	9x8	9x8	10x8	10x9	10x9	11x11	11x11	11x11	11x11	11x11	11x11

Model DXHK	024	036	048	060	070
Width x Depth x Height (in.)	25.5x55 x19.75	28x68 x21.75	29.38x77.75 x22.13	29.38x86.75 x22.13	29.38x86.75 x22.13
Compressor Type	Two-Stage Scroll	Two-Stage Scroll	Two-Stage Scroll	Two-Stage Scroll	Two-Stage Scroll
Net Weight (lbs.)	271	318	387	440	436
Ship Weight (lbs.)	395	463	566	619	615
Filter Size Nominal (in.)	18x23	20x30	20x20 (qty-2)	30x20 20x20	30x20 20x20
Water in/out size (FPT)	0.75	1	1	1	1
Condensate size (NPTI)	0.75	0.75	0.75	0.75	0.75
Blower Wheel Size (in.)	10x9	11x11	11x11	11x11	11x11

Model EXVK	009	012	015	018	024	030	036	042	048	060	070
Width x Depth x Height (in.)	21.5x21.5 x34	21.5x21.5 x34	21.5x23 x36	21.5x26 x38	21.5x26 x38	24x32.5 x42	24x32.5 x42	25.4x32.5 x49	25.4x32.5 x49	25.4x32.5 x55	25.4x32.5 x55
Compressor Type	Rotary	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Net Weight (lbs.)	152	152	188	222	236	282	284	356	350	370	432
Ship Weight (lbs.)	207	207	246	282	296	345	347	421	415	439	501
Filter Size Nominal (in.)	16x19	16x19	17x20	18x23	18x23	20x30	20x30	27x30	27x30	30x33	30x33
Water in/out size (FPT)	0.5	0.5	0.75	0.75	0.75	1	1	1	1	1	1
Condensate size (NPTI)	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Blower Wheel Size (in.)	9x8	9x8	10x8	10x9	10x9	11x11	11x11	11x11	11x11	11x11	11x11

Model DXVK	024	036	048	060	070
Width x Depth x Height (in.)	21.5x26 x38	24x32.5 x42	25.4x32.5 x49	25.4x32.5 x55	25.4x32.5 x55
Compressor Type	Two-Stage Scroll	Two-Stage Scroll	Two-Stage Scroll	Two-Stage Scroll	Two-Stage Scroll
Net Weight (lbs.)	238	284	360	377	439
Ship Weight (lbs.)	298	347	425	446	508
Filter Size Nominal (in.)	18x23	23x30	27x30	30x33	30x33
Water in/out size (FPT)	0.75	1	1	1	1
Condensate size (NPTI)	0.75	0.75	0.75	0.75	0.75
Blower Wheel Size (in.)	10x9	11x11	11x11	11x11	11x11



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