

## Cross-Reference Tables for Expansion Valves

### Honeywell Series TMX

R134a	Honeywell				ALCO			
	Series	Type	Capacity [kW]	Orifice cartridge	Series	Type	Capacity [kW]	Valve cartridge
	TMX	TMX R134a MOP +10°C		11.8	XD 4.5	TCLE	200 MW	9.3
TMX R134a MOP +10°C			15.9	XD 4.75	250 MW		13.5	X 22440-B4B
TMX R134a MOP +10°C			19.9	XD 5	350 MW		17.3	X 22440-B5B
TMX R134a MOP +10°C			27.6	XD 6	550 MW		23.6	X 22440-B6B
TMX R134a MOP +10°C			35.3	XD 7	750 MW		32.0	X 22440-B7B
TMX R134a MOP +10°C			43.3	XD 8	900 MW		37.2	X 22440-B8B
TMX R134a MOP +10°C			50.9	XD 10	TJRE	11 MW	45.0	X 11873-B4B
TMX R134a MOP +10°C			50.9	XD 10		13 MW	57.0	X 11873-B5B

R407C	Honeywell				ALCO			
	Series	Type	Capacity [kW]	Orifice cartridge	Series	Type	Capacity [kW]	Valve cartridge
	TMX	TMX R407C MOP +15°C		16.4	XD 4.5	TCLE	400 NW	18.7
TMX R407C MOP +15°C			21.6	XD 4.75	550 NW		24.0	X 22440-B5B
TMX R407C MOP +15°C			28.0	XD 5	750 NW		32.9	X 22440-B6B
TMX R407C MOP +15°C			40.8	XD 6	1000 NW		44.4	X 22440-B7B
TMX R407C MOP +15°C			52.5	XD 7	1150 NW		51.7	X 22440-B8B
TMX R407C MOP +15°C			61.8	XD 8	TJRE		14 NW	62.0
TMX R407C MOP +15°C			72.3	XD 10		17 NW	80.0	X 11873-B5B

R22	Honeywell				ALCO			
	Series	Type	Capacity [kW]	Orifice cartridge	Series	Type	Capacity [kW]	Valve cartridge
	TMX	TMX R22 MOP +10°C		16.9	XD 4.5	TCLE	300 HW	17.3
TMX R22 MOP +10°C			22.4	XD 4.75	500 HW		22.2	X 22440-B5B
TMX R22 MOP +10°C			29.1	XD 5	750 HW		30.4	X 22440-B6B
TMX R22 MOP +10°C			42.4	XD 6	1000 HW		41.1	X 22440-B7B
TMX R22 MOP +10°C			54.5	XD 7	1200 HW		47.8	X 22440-B8B
TMX R22 MOP +10°C			64.1	XD 8	TJRE		14 HW	58.0
TMX R22 MOP +10°C			75.1	XD 10		18 HW	74.0	X 11873-B5B

R404A	Honeywell				ALCO			
	Series	Type	Capacity [kW]	Orifice cartridge	Series	Type	Capacity [kW]	Valve cartridge
	TMX	TMX R404A MOP +10°C		12.0	XD 4.5	TCLE	250 SW	12.2
TMX R404A MOP +10°C			15.8	XD 4.75	400 SW		15.7	X 22440-B5B
TMX R404A MOP +10°C			20.5	XD 5	600 SW		21.5	X 22440-B6B
TMX R404A MOP +10°C			29.8	XD 6	850 SW		29.0	X 22440-B7B
TMX R404A MOP +10°C			38.3	XD 7	1000 SW		33.8	X 22440-B8B
TMX R404A MOP +10°C			45.1	XD 8	TJRE		12 SW	40.0
TMX R404A MOP +10°C			52.8	XD 10		14 SW	51.0	X 11873-B5B

R507	Honeywell				ALCO			
	Series	Type	Capacity [kW]	Orifice cartridge	Series	Type	Capacity [kW]	Valve cartridge
	TMX	TMX R507 MOP +10°C		12.1	XD 4.5	TCLE	250 SW	12.2
TMX R507 MOP +10°C			15.9	XD 4.75	400 SW		15.7	X 22440-B5B
TMX R507 MOP +10°C			20.7	XD 5	600 SW		21.5	X 22440-B6B
TMX R507 MOP +10°C			30.1	XD 6	850 SW		29.0	X 22440-B7B
TMX R507 MOP +10°C			38.7	XD 7	1000 SW		33.8	X 22440-B8B
TMX R507 MOP +10°C			45.6	XD 8	TJRE		12 SW	40.0
TMX R507 MOP +10°C			53.3	XD 10		14 SW	51.0	X 11873-B5B

Capacities are based on:

$t_0 = +4\text{ °C}$ ,  $t_c = +38\text{ °C}$ , subcooled liquid refrigerant = 1 K

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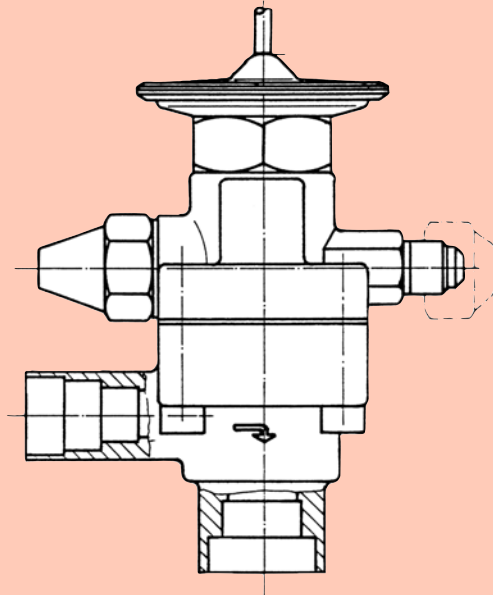
# Connection Bases

## Honeywell Series TMX

Type	Connections Inlet x Outlet	Connection type
XLS-D Two-way	12+16 x 16+22 mm ODF 1/2"+5/8" x 5/8"+7/8" ODF	solder, metric solder, inch
XLS-W angle	12+16 x 16+22 mm ODF 1/2"+5/8" x 5/8"+7/8" ODF	solder, metric solder, inch
XBS two-way	7/8" x 7/8" UNF	flare



Bases suitable for all XD orifice cartridge sizes.  
With only 5 connection bases all applications can be covered.



**Note:** The solder bases have a step drill and are thus suitable for two tube sizes per inlet/outlet.



TMX



XD



XLS-D



XLS-W



XBS

**Honeywell**

### Automation & Control Solutions

Honeywell GmbH  
Hardhofweg  
74821 Mosbach/Germany  
Phone: +49 (0) 6261 81-475  
Fax: +49 (0) 6261 81-461  
E-Mail: [cooling.mosbach@honeywell.com](mailto:cooling.mosbach@honeywell.com)  
[www.honeywell-cooling.com](http://www.honeywell-cooling.com)

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