

# COMPRESSOR FAMILY

# SCROLL

Complete product range for **supermarkets** and **professional** applications.



**HIGH ENERGY EFFICIENCY**  
Available in variable speed option



**EXTENDED RANGE OF POWER**



**COMPACTNESS**



**GUARANTEED RELIABILITY**



**SILENT OPERATION**



**QUALIFIED WITH R449A - R452A R513A**

and new R290 options available



**ENVIRONMENTALLY FRIENDLY**  
Uses R290 natural refrigerant with no impact on the ozone layer (GWP3)



**OPERATION COST REDUCTION**

## R449A/R452A - VARIABLE SPEED PORTFOLIO - MEDIUM TEMPERATURE

MODELS	Nominal Voltage [V] / Frequency [Hz]	HP	SWEPT VOLUME cm <sup>3</sup> / REV	Disp [m <sup>3</sup> /h]	RPM Range	Cooling Capacity* (W)	Power Absorption* (W)	COP W/W
VSE6038GS	90-380V / 60-180Hz	1,4~4,4	38	10,26	1800-5400	6.466	2.935	2,20
VSE6050GS	90-380V / 60-180Hz	1,9~5,9	50	13,5	1800-5400	8.348	3.638	2,29
VSE6072GS	90-380V / 60-180Hz	2,6~7,9	72	19,44	1800-5400	11.900	5.069	2,35

\*Test Condition: EN12900 MBP Te -10°C / Tc 45°C / Rg 20°C / SC: 0°C , 4500rpm

## R290 FIXED SPEED PORTFOLIO - MEDIUM TEMPERATURE

MODELS	Nominal Voltage [V] / Frequency [Hz]	HP	SWEPT VOLUME cm <sup>3</sup> / REV	Disp [m <sup>3</sup> /h]	Cooling Capacity* (W)	Power Absorption* (W)	COP* W/W
SE6013US-0	3~ 380-420V 50Hz / 460V 60Hz	1,8	33,3	6,2	3.033	1.389	2,18
SE6015US-0	3~ 380-420V 50Hz / 460V 60Hz	2,2	42	7,3	3.620	1.627	2,23
SE6017US-0	3~ 380-420V 50Hz / 460V 60Hz	2,5	46,6	8,1	4.123	1.799	2,29
SE6021US-0	3~ 380-420V 50Hz / 460V 60Hz	3	58	10,1	5.165	2.206	2,34
SE6025US-0	3~ 380-420V 50Hz / 460V 60Hz	3,5	67,8	12,2	5.824	2.403	2,42
SE6030US-0	3~ 380-420V 50Hz / 460V 60Hz	4,5	83,3	14,5	7.154	2.893	2,47
SE6037US-0	3~ 380-420V 50Hz / 460V 60Hz	5,5	98,3	17,1	8.799	3.548	2,48
SE6041US-0	3~ 380-420V 50Hz / 460V 60Hz	6	108	19,2	9.819	3.913	2,51

\*Test Condition: EN12900 MBP Te -10°C / Tc 45°C / Rg 20°C / SC: 0°C , 2900rpm

## R449A/R452A - FIXED SPEED PORTFOLIO - MEDIUM TEMPERATURE

MODELS	Nominal Voltage [V] / Frequency [Hz]	HP	SWEPT VOLUME cm <sup>3</sup> / REV	Disp [m <sup>3</sup> /h]	Cooling Capacity* (W)	Power Absorption* (W)	COP* W/W
SE6015GS-O	3~ 380-420V 50Hz / 460V 60Hz	2	33,3	5,8	3.565	1.739	2,05
SE6018GS-O	3~ 380-420V 50Hz / 460V 60Hz	2,5	42	7,3	4.256	1.961	2,17
SE6021GS-O	3~ 380-420V 50Hz / 460V 60Hz	3	46,6	8,1	4.847	2.174	2,23
SE6026GS-O	3~ 380-420V 50Hz / 460V 60Hz	3,5	58	10,1	6.108	2.751	2,22
SE6030GS-O	3~ 380-420V 50Hz / 460V 60Hz	4	67,8	11,8	6.930	3.013	2,30
SE6036GS-O	3~ 380-420V 50Hz / 460V 60Hz	5	83,3	14,5	8.512	3.622	2,35
SE6043GS-O	3~ 380-420V 50Hz / 460V 60Hz	6	98,3	17,1	10.114	4.304	2,35
SE6053GS-O	3~ 380-420V 50Hz / 460V 60Hz	7	115,5	20,1	12.257	5.216	2,35
SE6056GS-O	3~ 380-420V 50Hz / 460V 60Hz	8	123	21,4	12.911	5.494	2,35
SE6067GS-O	3~ 380-420V 50Hz / 460V 60Hz	9	145,4	25,3	15.864	6.751	2,35
SE6078GS-O	3~ 380-420V 50Hz / 460V 60Hz	10	167,2	29,1	17.881	7.609	2,35
SE6085GS-O	3~ 380-420V 50Hz / 460V 60Hz	12	189,1	32,9	19.563	8.254	2,37
SE6089GS-O	3~ 380-420V 50Hz / 460V 60Hz	13	197,1	34,3	20.573	8.681	2,37
SE6015GK-C	1~ 220V 50Hz	2	33,3	5,8	3.565	1.765	2,02
SE6018GK-C	1~ 220V 50Hz	2,5	42	7,3	4.256	2.056	2,07
SE6021GK-C	1~ 220V 50Hz	3	46,6	8,1	4.847	2.297	2,11
SE6026GK-C	1~ 220V 50Hz	3,5	58	10,1	6.108	2.802	2,18
SE6030GK-C	1~ 220V 50Hz	4	67,8	11,8	6.930	3.066	2,26

\*Test Condition: EN12900 Te -10°C; Tc 45°C; Rg 20°C; No subcooling; Ta 35°C

## R449A/R452A - FIXED SPEED PORTFOLIO - LOW TEMPERATURE

MODELS	Nominal Voltage [V] / Frequency [Hz]	HP	SWEPT VOLUME cm <sup>3</sup> / REV	Disp [m <sup>3</sup> /h]	Cooling Capacity* (W)	Power Absorption* (W)	COP* W/W
SE2006GS-O	3~ 380-420V 50Hz / 460V 60Hz	2	33,3	5,8	1.171	1.065	1,10
SE2008GS-O	3~ 380-420V 50Hz / 460V 60Hz	2,5	42	7,3	1.495	1.347	1,11
SE2010GS-O	3~ 380-420V 50Hz / 460V 60Hz	3	46,6	8,1	1.756	1.568	1,12
SE2012GS-O	3~ 380-420V 50Hz / 460V 60Hz	3,5	58	10,1	2.277	2.033	1,12
SE2014GS-O	3~ 380-420V 50Hz / 460V 60Hz	4	67,8	11,8	2.656	2.177	1,22
SE2017GS-O	3~ 380-420V 50Hz / 460V 60Hz	5	83,3	14,5	3.152	2.502	1,26
SE2020GS-O	3~ 380-420V 50Hz / 460V 60Hz	6	98,3	17,1	3.692	2.907	1,27
SE2023GS-O	3~ 380-420V 50Hz / 460V 60Hz	8	123	21,4	4.730	3.975	1,19
SE2028GS-O	3~ 380-420V 50Hz / 460V 60Hz	9	145,4	25,3	5.525	4.492	1,23
SE2031GS-O	3~ 380-420V 50Hz / 460V 60Hz	10	167,2	29,1	6.408	5.046	1,27
SE2039GS-O	3~ 380-420V 50Hz / 460V 60Hz	12	189,1	32,9	7.279	5.687	1,28
SE2006GK-C	1~ 220V 50Hz	2	33,3	5,8	1.171	1.074	1,09
SE2008GK-C	1~ 220V 50Hz	2,5	42	7,3	1.495	1.384	1,08
SE2010GK-C	1~ 220V 50Hz	3	46,6	8,1	1.756	1.611	1,09
SE2012GK-C	1~ 220V 50Hz	3,5	58	10,1	2.277	2.089	1,09
SE2014GK-C	1~ 220V 50Hz	4	67,8	11,8	2.656	2.213	1,20

\*Test Condition: EN12900 Te -35°C; Tc 40°C; Rg 20°C; No subcooling; Ta 35°C



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